

**CONTRACT DOCUMENTS**

**CITY OF LINCOLN/LANCASTER COUNTY  
NEBRASKA**

**Annual Supply  
Skid Steer Loader Rentals  
Bid No. 19-088**

**Hamilton Equipment Co.  
8801 Highway 6  
Lincoln, NE 68507  
(402) 464-6381**

**CITY OF LINCOLN/LANCASTER COUNTY, NEBRASKA  
CONTRACT TERMS**

THIS CONTRACT, made and entered into by and between **Hamilton Equipment Co., 8801 Highway 6, Lincoln, NE 68507**, hereinafter called "Contractor", and the City of Lincoln, Nebraska, a municipal corporation, and the County of Lancaster, Nebraska, a political subdivision of the State of Nebraska, hereinafter called the "Owners".

WHEREAS, the Owner has caused to be prepared, in accordance with law, Specifications, Plans, and other Contract Documents for the Work herein described, and has approved and adopted said documents and has caused to be published an advertisement for and in connection with said Work, to-wit:

**Skid Steer Loader Rentals, Bid No. 19-088**

and,

WHEREAS, the Contractor, in response to such advertisement, has submitted to the Owners, in the manner and at the time specified, a sealed Proposal/Supplier Response in accordance with the terms of said advertisement; and,

WHEREAS, the Owners, in the manner prescribed by law has publicly opened, read aloud, examined, and canvassed the Proposals/Supplier Responses submitted in response to such advertisement, and as a result of such canvass has determined and declared the Contractor to be the lowest responsible bidder for the said Work for the sum or sums named in the Contractor's Proposal/Supplier Responses, a copy thereof being attached to and made a part of this Contract;

NOW, THEREFORE, in consideration of the sums to be paid to the Contractor and the mutual covenants herein contained, the Contractor and the Owners have agreed and hereby agree as follows:

1. The Contractor agrees to (a) furnish all tools, equipment, supplies, superintendence, transportation, and other accessories, services, and facilities; (b) furnish all materials, supplies, and equipment specified to be incorporated into and form a permanent part of the complete work; (c) provide and perform all necessary labor in a substantial and workmanlike manner and in accordance with the provisions of the Contract Documents; and (d) execute and complete all Work included in and covered by the Owners' award of this Contract to the Contractor, such award being based on the acceptance by the Owner of the Contractor's Proposal, or part thereof, as follows:

**Agreement to Line Items 3.1 – 3.4, 4.1 – 4.10 and 5.1 – 5.3 including Attachment A**

2. The Owners agree to pay to the Contractor for the performance of the Work embraced in this Contract, the Contractor agrees to accept as full compensation therefore, the following sums and prices for all Work covered by and included in the Contract award and designated above, payment thereof to be made in the manner provided by the Owners:

**The Owners will pay for products/service, according to the Line Item pricing as listed in Contractors Proposal/Supplier Response, a copy thereof being attached to and made a part of this Contract. The Owners shall order on an as- needed basis for the duration of**

**the contract. The cost of products or services for City Departments shall not exceed \$65,200.00 during the contract term without approval by the City of Lincoln. The cost of products or services for County agencies shall not exceed \$5,375.00 during the contract term without approval by the Board of Commissioners.**

3. Equal Employment Opportunity. In connection with the carrying out of this project, the contractor shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, ancestry, disability, age or marital status. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex, national origin, ancestry, disability, age or marital status. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other compensation; and selection for training, including apprenticeship.
4. E-Verify. In accordance with Neb. Rev. Stat. 4-108 through 4-114, the contractor agrees to register with and use a federal immigration verification system, to determine the work eligibility status of new employees performing services within the state of Nebraska. A federal immigration verification system means the electronic verification of the work authorization program of the Illegal Immigration Reform and Immigrant Responsibility Act of 1996, 8 U.S.C. 1324 a, otherwise known as the E-Verify Program, or an equivalent federal program designated by the United States Department of Homeland Security or other federal agency authorized to verify the work eligibility status of a newly hired employee pursuant to the Immigration Reform and Control Act of 1986. The Contractor shall not discriminate against any employee or applicant for employment to be employed in the performance of this section pursuant to the requirements of state law and 8 U.S.C.A 1324b. The contractor shall require any subcontractor to comply with the provisions of this section.
5. Termination. This Contract may be terminated by the following:
  - 5.1) Termination for Convenience. Either party may terminate this Contract upon thirty (30) days written notice to the other party for any reason without penalty.
  - 5.2) Termination for Cause. The Owners may terminate the Contract for cause if the Contractor:
    - 5.2.1) Refuses or fails to supply the proper labor, materials and equipment necessary to provide services and/or commodities.
    - 5.2.2) Disregards Federal, State or local laws, ordinances, regulations, resolutions or orders.
    - 5.2.3) Otherwise commits a substantial breach or default of any provision of the Contract Document. In the event of a substantial breach or default the Owners will provide the Contractor written notice of said breach or default and allow the Contractor ten (10) days from the date of the written notice to cure such breach or default. If said breach or default is not cured within ten (10) days from the date of notice, then the contract shall terminate.
6. Independent Contractor. It is the express intent of the parties that this contract shall not create an employer-employee relationship. Employees of the Contractor shall not be deemed to be employees of the Owners and employees of the Owners shall not be deemed to be employees of the Contractor. The Contractor and the Owners shall be responsible to their respective employees for all salary and benefits. Neither the Contractor's employees nor the Owners' employees shall be entitled to any salary, wages, or benefits from the other party, including but not limited to overtime, vacation, retirement benefits, workers' compensation, sick leave or injury

leave. Contractor shall also be responsible for maintaining workers' compensation insurance, unemployment insurance for its employees, and for payment of all federal, state, local and any other payroll taxes with respect to its employees' compensation.

7. Owner Inclusion. It is understood and agreed by all parties that "Owner/s" shall include the City of Lincoln and Lancaster County, Nebraska. Whenever in the Contract documents, including the instructions to bidders, specifications, insurance requirements, bonds, and terms and conditions or any other documents which are a part of the Contract, a singular entity is referenced (i.e., "the City" or "the County") it shall mean the "Owners" encompassing the City of Lincoln, and Lancaster County. Notwithstanding the foregoing, the duties and obligations of the City, the County, and the Building Commission pursuant to the Contract shall be treated as divisible and severable duties and obligations, and default by any one of the City, the County, or the Building Commission shall not be attributed to any other of the Owners, but shall remain the sole obligation of the defaulting entity.
8. Period of Performance. This Contract shall be effective July 1, 2019 through June 30, 2020. The term of the Contract shall be a one (1) year term with the option to renew for three (3) additional one (1) year terms.
9. Notwithstanding anything contrary to the Contract Terms, the attached documents comprise the Contract, and consist of the following:
  1. Contract Terms
  2. Accepted Proposal/Supplier Response
  3. Attachment A
  4. Addendums 1 - 3
  5. Special Provisions
  6. Specifications
  7. Instructions to Bidders
  8. Sales Tax Exemption Form 13  
(Note: This form cannot be used for the WATER Division of the City of Lincoln. The WATER Division is taxable per Reg. 066.14A or applicable laws.)
  9. Notice to Bidders

The herein above mentioned Contract Documents form this Contract and are a part of the Contract as if hereto attached. Said documents which are not attached to this document may be viewed at: [lincoln.ne.gov](http://lincoln.ne.gov) - Keyword: Bid - Awarded or Closed bids.

The Contractor and the Owners hereby agree that all the terms and conditions of this Contract shall be binding upon themselves, and their heirs, administrators, executors, legal and personal representatives, successors, and assigns.

IN WITNESS WHEREOF, the Contractor and the Owners do hereby execute this contract upon completion of signatures on:

Vendor Signature Page  
 City of Lincoln Signature Page  
 Lancaster County Signature Page

**Vendor Signature Page**

**CONTRACT  
Annual Supply  
Skid Steer Loader Rentals  
Bid No. 19-088  
City of Lincoln and Lancaster County  
Hamilton Equipment Co.**

**EXECUTION BY CONTRACTOR**

**IF A CORPORATION:**

Attest:

\_\_\_\_\_  
Secretary Seal

Hamilton Equipment Company  
Name of Corporation

8801 Hwy 6, Lincoln, NE 68507  
Address

[Signature]  
By: \_\_\_\_\_  
Duly Authorized Official

Kuster Thurmond - Vice President  
Legal Title of Official

**IF OTHER TYPE OF ORGANIZATION:**

\_\_\_\_\_  
Name of Organization

\_\_\_\_\_  
Type of Organization

\_\_\_\_\_  
Address

By: \_\_\_\_\_  
Member

By: \_\_\_\_\_  
Member

**IF AN INDIVIDUAL:**

\_\_\_\_\_  
Name

\_\_\_\_\_  
Address

\_\_\_\_\_  
Signature

**City of Lincoln Signature Page**

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**CONTRACT  
Annual Supply  
Skid Steer Loader Rentals  
Bid No. 19-088  
City of Lincoln and Lancaster County  
Hamilton Equipment Co.**

**EXECUTION BY THE CITY OF LINCOLN, NEBRASKA**

ATTEST:

\_\_\_\_\_  
City Clerk

CITY OF LINCOLN, NEBRASKA

\_\_\_\_\_  
Mayor

Approved by Executive Order No. \_\_\_\_\_

dated \_\_\_\_\_

## Lancaster County Signature Page

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**CONTRACT**  
**Annual Supply**  
**Skid Steer Loader Rentals**  
**Bid No. 19-088**  
**City of Lincoln and Lancaster County**  
**Hamilton Equipment Co.**

### EXECUTION BY LANCASTER COUNTY, NEBRASKA

Contract Approved as to Form:

The Board of County Commissioners of  
Lancaster, Nebraska

\_\_\_\_\_  
Deputy Lancaster County Attorney

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

dated \_\_\_\_\_

# City of Lincoln/Lancaster County (Lincoln Purchasing) Supplier Response

Bid Information		Contact Information		Ship to Information
Bid Creator	Sharon Mulder Asst Purchasing Agent	Address	Purchasing 440 S. 8th St. Lincoln, NE 68508	Address
Email	smulder@lincoln.ne.gov	Contact	Sharon Mulder Asst Purchasing Agent	Contact
Phone	(402) 441-7428			
Fax	(402) 441-6513			
Bid Number	19-088 Addendum 3	Department		Department
Title	Annual Skid Steer Loader Rentals	Building	Suite 200	Building
Bid Type	Bid	Floor/Room		Floor/Room
Issue Date	3/8/2019 05:13 PM (CT)	Telephone	(402) 441-7428	Telephone
Close Date	3/29/2019 12:00:00 PM (CT)	Fax	(402) 441-6513	Fax
		Email	smulder@lincoln.ne.gov	Email

## Supplier Information

Company Hamilton Equipment Co  
 Address 8801 Highway 6  
 Lincoln, NE 68507  
 Contact Brian Motschenbacher  
 Department  
 Building  
 Floor/Room  
 Telephone (402) 464-6381  
 Fax (402) 464-5989  
 Email brian@hamiltonequipmentco.com  
 Submitted 3/29/2019 09:32:17 AM (CT)  
 Total \$74,850.00

By submitting your response, you certify that you are authorized to represent and bind your company.

Signature Brian Motschenbacher Email brian@hamiltonequipmentco.com

## Supplier Notes

## Bid Notes

Added addendum 2

## Bid Activities

## Bid Messages

## Bid Attributes

Please review the following and respond where necessary

#	Name	Note	Response
1	Instructions to Bidders	I acknowledge reading and understanding the Instructions to Bidders.	Yes
2	Specifications	I acknowledge reading and understanding the specifications.	Yes
3	Sample Contract	I acknowledge reading and understanding the sample contract.	Yes
4	Special Provision Term Contract Provisions	I acknowledge reading and understanding the Special Provision Term Contract Provisions.	Yes
5	Quantities	I acknowledge that the quantities listed for each line item are an estimated amount. The City/County does not guarantee any dollar amount or order quantities for the term of the contract.	Y
6	Delivery	State number of delivery days after receipt of order (ARO). FOB to the City/County at the location specified with all transportation charges paid.	60 to 90 Days
7	Contact	Name of person submitting this bid:	Brian Motschenbacher
8	Early Return Penalty Schedule	Do you have an Early Return Penalty Schedule for the Attachments? If so, I acknowledge that I have attached our Early Return Penalty Schedule by item number in the Vendors' Response Attachment Section of this e-bid. Please include penalty amount for each of the four (4) year lease periods, Year 1, Year 2, Year 3 and Year 4.	Yes
9	Base Machine Technical Specifications/Brochure	Please attach to the Vendor's Response Attachment Section of the E-bid the brochure and or technical specifications of the base machine bidding.	Yes
10	U.S. Citizenship Attestation	<p>Is your company legally considered an Individual or Sole Proprietor: YES or NO</p> <p>As a Vendor who is legally considered an Individual or a Sole Proprietor I hereby understand and agree to comply with the requirements of the United States Citizenship Attestation Form, available at:  <a href="http://www.sos.ne.gov/business/notary/citizenforminfo.html">http://www.sos.ne.gov/business/notary/citizenforminfo.html</a></p> <p>All awarded Vendors who are legally considered an Individual or a Sole Proprietor must complete the form and submit it with contract documents at time of execution.</p> <p>If a Vendor indicates on such attestation form that he or she is a qualified alien, the Vendor agrees to provide the US Citizenship and Immigration Services documentation required to verify the Vendor's lawful presence in the United States using the Systematic Alien Verification for Entitlements (SAVE) Program.</p> <p>Vendor further understands and agrees that lawful presence in the United States is required and the Vendor may be disqualified or the Contract terminated if such lawful presence cannot be verified as required by Neb. Rev. Stat. 4-108.</p>	No

11	Tax Exempt Certification Forms	Materials being purchased in this bid are tax exempt and unit prices are reflected as such. A Purchasing Agent Appointment form and a Exempt Sales Certificate form shall be issued with contract documents. (Note: State Tax Law does not provide for sales tax exemption for proprietary functions for government, thereby excluding the purchases of pipes to be installed in water lines and purchase of water meters.)	Yes
12	Electronic Signature	Please check here for your electronic signature.	Yes
13	Agreement to Addendum No. 1	Respondent hereby certifies that the change set forth in this addendum has been incorporated in their proposal and is part of their bid. Reason: See Bid Attachments section for Addendum information.	Yes
14	Agreement to Addendum No. 2	Respondent hereby certifies that the change set forth in this addendum has been incorporated in their proposal and is part of their bid. Reason: See Bid Attachments section for Addendum information.	Yes
15	Agreement to Addendum No. 3	Respondent hereby certifies that the change set forth in this addendum has been incorporated in their proposal and is part of their bid. Reason: See Bid Attachments section for Addendum information.	Yes

## Line Items

#	Qty	UOM	Description	Response
1	1	EA	4-Wheel Skid Loader Rental for the City of Lincoln, Water Department	\$8,275

Manufacturer: Deere or Equivalent      Manufacturer #: 332G

Item Notes:

Supplier Notes:

Item Attributes: Please review the following and respond where necessary

#	Name	Note	Response
1	Manufacturer and Model	Please provide Manufacturer and Model bidding	Bobcat S770
2	Additional Hours	Please provide your hourly rate of hours that equipment is used beyond 250.	20.00 per hour

Package Line Items:

#	Qty	UOM	Description	Response
1.1	1	EA	4-Wheel Tire Loader Rental	5,500.00

Item Notes: Maximum of 250 hours per year with option to purchase additional hours at a set fee.  
 Vendor shall indicate hourly fee in the Attribute Section.  
 Loader shall meet the emissions standards.  
 Loader shall have a four (4) cylinder, liquid-cooled diesel, minimum of Net 96 HP and a maximum torque of 395 lbf-ft  
 Manufacturer and Model of Skid Loader requested is Deere 332G, Tier 4 or an equivalent.  
 Minimum operating weight approximately of 10,000 lbs.  
 Rated Operating Capacity of 3,600 lbs or greater.  
 Sealed Cab with Heat and Air conditioning.  
 Prefer Joy Stick Control.  
 High-Flow  
 Please attach brochure with equipment specifications of Skid Loader bid in the Vendors Response Attachment Section of the E-bid.  
 Price must include delivery to and pickup from, Ashland Water Treatment Plant.

Supplier Notes:

1.2	1	EA	84" Smooth Bucket with Cutting Edge	0.00
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Item Notes: Industrial/Construction Bucket with minimum width of 84".

Supplier Notes: 80" Bucket with reversible edge will be supplied with machine

1.3	1	EA	Option: 48" Pallet Forks	375.00
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Supplier Notes:

1.4	1	EA	Option: Electrical Control Wiring Harness	0.00
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Supplier Notes:

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1.5 1 EA Option: Manufacturer's recommended maximum counter weight 0.00

Item Notes: Please specify what that weight is in the Supplier Item Notes

Supplier Notes: 400lb. frame mounted counter weight kit. Lift capacity 3650lbs. Supplied at no charge.

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1.6 1 EA Option: 60" Snow Blower Accessory 2,000.00

Item Notes: Minimum of four (4) month rental December - March or earlier and/or possibly later

Supplier Notes: Snow blower will be 72" wide to accommodate the width of machine. \$500.00 per month and can start sooner than December and go later than March as needed.

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1.7 1 EA Option: 96" Snow Bucket Accessory 400.00

Item Notes: Minimum of four (4) month rental December - March or earlier and/or possibly later

Supplier Notes: Light material bucket will be 88" with a reversible edge. \$100.00 per month and can start earlier than December and can go later than March as needed.

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1.8 1 EA Option: Advanced Hydraulic Control System 0.00

Item Notes: For the model you are proposing in line item number 1 to allow operator to vary hydraulic control speed and skid loader speed while using pavement planner attachment

Supplier Notes: Advanced Hydraulic Control System no longer available. SJC controls (bid with machine) will allow operator to control hydraulic speed and skid-steer loader speed.

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2 1 EA 4-Wheel Skid Loader Rental for City of Lincoln, Solid Waste Operations \$4,000

Manufacturer: Deere or equivalent Manufacturer #: 316G

Item Notes:

Supplier Notes:

Item Attributes: Please review the following and respond where necessary

#	Name	Note	Response
1	Manufacturer and Model	Please provide Manufacturer and Model bidding.	Bobcat S570
2	Hourly Rate	Please provide your hourly rate of hours that equipment is used beyond 250.	\$20.00 per hour

Package Line Items:

#	Qty	UOM	Description	Response
2.1	1	EA	4-Wheel Skid Loader Rental	4,000.00

Item Notes: Maximum of 250 hours per year with option to purchase additional hours at a set fee.  
 Approximately 100 hours of minimum use annually.  
 Vendor shall indicate hourly fee in the Attribute Section.  
 Loader shall meet the emissions standards.  
 Loader shall have a four (4) cylinder, liquid-cooled diesel, minimum of Net 61 HP and a rated operating load approximately to maximum of 1,750 lbs.  
 Manufacturer and Model of Skid Loader requested is Deere 316G, Tier 4 or an equivalent  
 Sealed Cab with Heat and Air conditioning.  
 Vertical or radial lift is acceptable  
 Hand/foot controls and joystick controls - operator selectable; if this dual, operator selectable control system is not available, prefer the joystick control over the hand/foot control  
 Please attach brochure with equipment specifications of Skid Loader bid in the Vendors Response Attachment Section of the E-bid.  
 Price must include delivery to and pickup from, Solid Waste Operations Facility on Bluff Road.  
 Used primary to load, unload, carry white goods/appliances without crushing with hydraulically actuated clamp (provided by owner) in small work area.  
 Secondary applications generally include material handling, sweeping and digging post holes. Small footprint is as important as the other features.

Supplier Notes:

2.2	1	EA	72" Smooth Bucket with Cutting Edge	0.00
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Supplier Notes: 68" or 74" Low profile bucket included (customer choice) bucket will have reversible edge

2.3	1	EA	Option: Manufacturers recommended maximum counter weight	0.00
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Item Notes: Manufacturer's recommended material handling bucket for machine size; no other attachments necessary.

Supplier Notes: Maximum counter weight kit installed no charge

3	1	EA	Track Loader Rental for City of Lincoln, Parks and Recreation Department	\$6,350
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Manufacturer: Deere or equivalent      Manufacturer #: 323E

Item Notes:

Supplier Notes:

Item Attributes: Please review the following and respond where necessary

#	Name	Note	Response
1	Manufacturer and Model	Please provide Manufacturer and Model bidding.	Bobcat T650
2	Hourly Rate	Please provide your hourly rate of hours that equipment is used beyond 250.	\$30.00

Package Line Items:

#	Qty	UOM	Description	Response
3.1	1	EA	Track Loader Rental	5,500.00

Item Notes: Maximum of 250 hours per year with option to purchase additional hours at a set fee.  
 Approximately 100 hours of minimum use annually.  
 Vendor shall indicate hourly fee in the Attribute Section.  
 Loader shall meet the emissions standards.  
 Loader shall have a four (4) cylinder, liquid-cooled diesel, maximum of Net Power 70 HP and a rated operating load approximately to maximum of 2,590 lbs.  
 Joystick operator operation method  
 Manufacturer and Model of Skid Loader requested is Deere 323E, Tier 4 or an equivalent  
 Sealed Cab with Heat and Air conditioning.  
 Vertical or radial lift is acceptable  
 Please attach brochure with equipment specifications of Skid Loader bid in the Vendors Response Attachment Section of the E-bid.  
 Price must include delivery to and pickup from Parks, 1525 Memorial Drive.

Supplier Notes:

3.2	1	EA	72" Smooth Bucket with Cutting Edge	0.00
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Supplier Notes: 74" low Profile bucket with reversible edge will be provided with machine

3.3	1	EA	76" Smooth Bucket with Cutting Edge	450.00
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Supplier Notes: 74" low profile bucket with reversible edge or teeth

3.4	1	EA	Option: 96" Snow Bucket	400.00
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Supplier Notes: 88" light material bucket with reversible edge / 4 month period December through March \$100.00 per month Can start earlier and keep later if needed.

4	1	EA	4-Wheel Skid and Track Loader Rentals for City of Lincoln Transportation & Utilities, Fleet	\$50,850
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Manufacturer: Deere or equivalent

Item Notes: Skid Steer Loaders will be broke out on the line items that follow. Total of six (6) are needed.

Supplier Notes:

Item Attributes: Please review the following and respond where necessary

#	Name	Note	Response
1	Manufacturer and Model	Please provide Manufacturer and Model bidding for all six (6) skid steer loaders here.	Bobcat S570
2	Hourly Rate	Please provide your hourly rate of hours that equipment is used beyond 250.	\$20.00

Package Line Items:

#	Qty	UOM	Description	Response
4.1	1	EA	4-Wheel Skid Loader Rental	4,000.00

Manufacturer: Deere or Equivalent      Manufacturer #: 318E

Item Notes: Maximum of 250 hours per year with option to purchase additional hours at a set fee.  
 Vendor shall indicate hourly fee in the Attribute Section.  
 Loader shall meet the emissions standards.  
 Loader shall have a four (4) cylinder, liquid-cooled diesel, minimum of net power 71 hp and maximum axle torque of 4,994 lb. - ft.  
 Hydraulic pump flow from 21 gpm to high-flow option of 29 gpm  
 Manufacturer and Model of Skid Loader requested is Deere 318E, Tier 4 or an equivalent. Minimum operating weight approximately of 10,000 lbs. Rated Operating Capacity of 1,800 lbs or greater.  
 Gross power maximum of 63.2hp  
 Sealed Cab with Heat and Air conditioning.  
 Prefer Joy Stick Control.  
 Please attach brochure with equipment specifications of Skid Loader bid in the Vendors Response Attachment Section of the E-bid.  
 Price must include delivery to and pickup from Fleet Services, 901 W. Bond Street.

Supplier  
Notes:

4.2	1	EA	66" Smooth Bucket with Cutting Edge	0.00
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Supplier Notes: 68" Low profile Bucket with reversible edge will be provided with machine. No charge

4.3	4	EA	4-Wheel Skid Loader Rental	5,000.00
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Manufacturer: Deere or Equivalent      Manufacturer #: 324E

Item Notes: Maximum of 250 hours per year with option to purchase additional hours at a set fee.  
 Approximately 100 hours of minimum use annually.  
 Vendor shall indicate hourly fee in the Attribute Section.  
 Loader shall meet the emissions standards.  
 Loader shall have a four (4) cylinder, liquid-cooled diesel, minimum of Net 71 HP and a rated operating load capacity of 2690 lbs.  
 Manufacturer and Model of Skid Loader requested is Deere 324E, Tier 4 or an equivalent  
 High Flow Hydraulic System - from 21 gpm to 29 gpm  
 Sealed Cab with Heat and Air conditioning.  
 Vertical or radial lift is acceptable  
 High-Flow  
 Please attach brochure with equipment specifications of Skid Loader bid in the Vendors Response Attachment Section of the E-bid.  
 Price must include delivery to and pickup from Fleet Services, 901 W. Bond Street.

Supplier  
Notes:

4.4	4	EA	76" Smooth Bucket with Cutting Edge	0.00
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Supplier Notes: 74" Low profile bucket with reversible edge provided with machine. No charge

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4.5	1	EA	Track Loader Rental	6,000.00
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Manufacturer: Deere or Equivalent      Manufacturer #: 325G

Item Notes: Maximum of 250 hours per year with option to purchase additional hours at a set fee. Approximately 100 hours of minimum use annually. Vendor shall indicate hourly fee in the Attribute Section. Loader shall meet the emissions standards. Loader shall have a four (4) cylinder, liquid-cooled diesel, maximum of Net Power 70 HP and a rated operating load capacity of a minimum tipping load of 2,590 lbs.  
Manufacturer and Model of Track Loader requested is Deere 325G, Tier 4 or an equivalent  
High Flow Hydraulic System - from 19 gpm to 27 gpm  
Sealed Cab with Heat and Air conditioning.  
Vertical or radial lift is acceptable  
High-Flow  
Please attach brochure with equipment specifications of Skid Loader bid in the Vendors Response Attachment Section of the E-bid.  
Price must include delivery to and pickup from Fleet Services, 901 W. Bond Street.

Supplier Notes: Bidding Bobcat T650

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4.6	1	EA	78" Smooth Bucket with Cutting Edge	0.00
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Supplier Notes: 74" or 80" Bucket available with reversible edge (customer choice) No charge

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4.7	5	EA	Broom Attachments, 72" Pick-Up	1,500.00
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Supplier Notes: When sweepers are turned in. 50% of bristle length must be left / 50% of reversible cutting edge thickness must be remaining.

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4.8	1	EA	78" Tooth Bucket	450.00
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Supplier Notes:

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4.9	1	EA	Grapple Bucket	1,300.00
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Supplier Notes: 74" industrial grapple bucket or 82" root grapple. Customer choice.

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4.10	2	EA	Hydraulic Planners	5,800.00
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Supplier Notes: Bobcat planer 18" HF with fast cut drum / 24" HF planer with fast cut drum option \$7,250.00

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4.11	1	EA	Engine Driven Planer	No Bid
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Supplier Notes:

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5	1	EA	4-Wheel Skid Loader Rental for Lancaster County, Corrections	\$5,375
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Manufacturer: Deere or equivalent      Manufacturer #: 324E

Item Notes:

Supplier Notes:

Item Attributes: Please review the following and respond where necessary

#	Name	Note	Response
1	Manufacturer and Model	Please provide Manufacturer and Model bidding.	Bobcat S650
2	Hourly Rate	Please provide your hourly rate of hours that equipment is used beyond 250.	20.00 Per Hour

Package Line Items:

#	Qty	UOM	Description	Response
5.1	1	EA	4-Wheel Skid Loader Rental	5,000.00

Item Notes: Maximum of 250 hours per year with option to purchase additional hours at a set fee.  
 Approximately 100 hours of minimum use annually.  
 Vendor shall indicate hourly fee in the Attribute Section.  
 Loader shall meet the emissions standards.  
 Loader shall have a four (4) cylinder, liquid-cooled diesel, minimum of net 71 HP with gross net of 74 and a rated operating load capacity of 2690 lbs.  
 Manufacturer and Model of Skid Loader requested is Deere 324E, Tier 4 or an equivalent  
 High Flow Hydraulic System - from 21 gpm to 29 gpm  
 Sealed Cab with Heat and Air conditioning.  
 Vertical or radial lift is acceptable  
 Please attach brochure with equipment specifications of Skid Loader bid in the Vendors Response Attachment Section of the E-bid.  
 Price must include delivery to and pickup from Lancaster County Corrections.

Supplier Notes: Bidding Bobcat S650

5.2	1	EA	78" Smooth Bucket with Cutting Edge	0.00
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Supplier Notes: 74" or 80" low profile bucket with reversible edge (customer choice) No charge

5.3	1	EA	Option: 42" Pallet Forks	375.00
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Supplier Notes: 42" pallet forks with walk through frame

Response Total: \$74,850.00



**Bobcat**

**M2-Series  
Skid-Steer Loaders**



***One Tough Animal***



The skid-steer loader can pivot 360 degrees, which makes it one of the most maneuverable pieces of equipment available.

# Why Skid-Steer Loaders?

Since inventing the world's first true compact loader in 1958, Bobcat has constantly improved on its original concept: a tough, agile and versatile compact machine that can tackle an incredible number of jobs. | Today, the innovation continues. The Bobcat® skid-steer loader features a superior design that outperforms other brands while maximizing your uptime and delivering unmatched comfort.





The skid-steer loader is compact and pivots 360 degrees, allowing you to easily maneuver in close quarters.

From laying sod to demolition, a wide variety of Bobcat-built attachments maximizes equipment usage and expands job possibilities.

As builders maximize land space, lot lines get tighter. The skid-steer loader's compact size allows you to easily negotiate obstacles and tight spaces.

A lightweight machine can be easily hauled on a trailer. In many cases, you don't even need a commercial driver's license to haul the loader.\*

\*Always check towing restrictions.

In a skid-steer loader, the attachment is nearby, visible and unobstructed by a machine hood or lines.

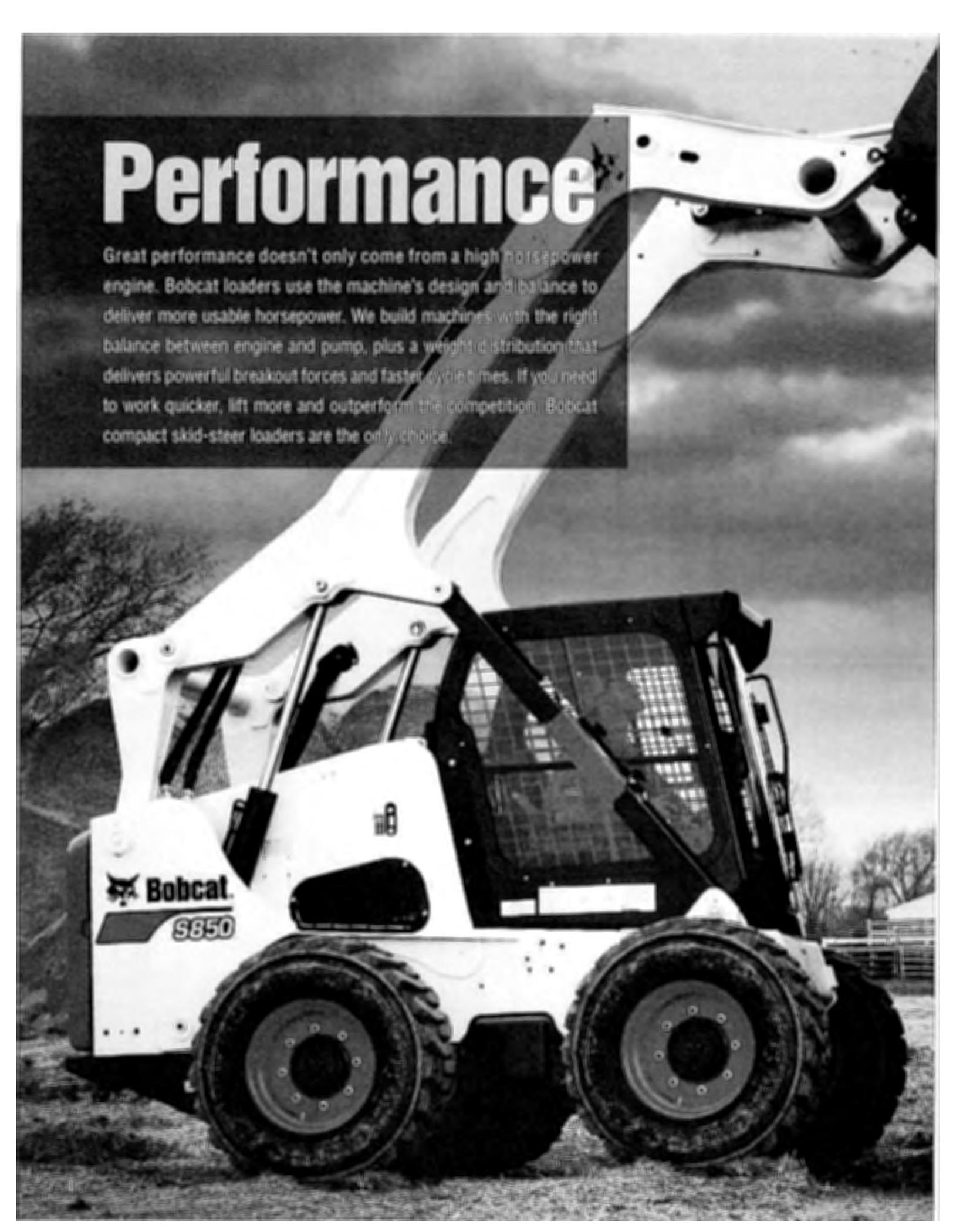
Compared to larger equipment, skid-steer loaders perform similar tasks in tighter working conditions for a fraction of the cost.

Skid-steer loaders offer great fuel economy without sacrificing performance.

Labor is expensive and hard to find. With Bobcat skid-steer loaders, you can do more with less and increase your profits.

# Performance

Great performance doesn't only come from a high horsepower engine. Bobcat loaders use the machine's design and balance to deliver more usable horsepower. We build machines with the right balance between engine and pump, plus a weight distribution that delivers powerful breakout forces and faster cycle times. If you need to work quicker, lift more and outperform the competition, Bobcat compact skid-steer loaders are the only choice.



**Bobcat**  
S850



### Quicker Turning

When not carrying a load, a weight distribution of 70 percent in the rear and 30 percent in the front delivers balanced, easy turning for ideal performance:

- Best weight distribution for turning and skidding.
- Reduces fuel consumption and power requirements from engine.
- Increases life of drive train and tires.
- Less wear and tear than flat-footed machines sold by other manufacturers.

### Control in Your Hands

With Bobcat skid-steer loaders, you can feel and control the loader's drive, engine torque and tractive effort — so you can push your machine to the limit without an engine anti-stall system robbing you of power when you need it the most.

### 2-Speed Travel Option

Boost top travel speed by as much as 57 percent and reduce the time it takes to travel across a jobsite.



### Stronger Hydraulics

The Bobcat engine, pump, horsepower and cubic-inch displacement are configured precisely for each model's specific operating capacity. Engine horsepower and hydraulic system performance are finely tuned to run circles around other machines.

### More Torque

Bobcat loaders reach maximum torque at a lower rpm to minimize stalling and save time and fuel.

### Faster Cycle Times

Hydraulic pumps in Bobcat loaders are matched to cylinder size and loader lift capacity to provide fast cycle times that help you get the job done faster.

### Powerful Breakout Forces

High-efficiency hydraulic pumps deliver more power matched to demand and provide better breakout forces.

### Hydraulic Bucket Positioning

Optional hydraulic bucket positioning keeps your bucket level when raising lift arms, reducing spillage and allowing you to work more efficiently.

### Automatic Ride Control

Automatic ride control detects when you're carrying material and cushions the load to reduce spillage and increase operator comfort. The system works at any speed. Operators can flip a switch to turn it off for tasks such as backdragging.



# Uptime Protection

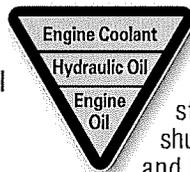
When the skid-steer loader isn't working, nobody's working. That's why Bobcat reliability is legendary. Whether it's our maintenance-free chaincase, smart cooling, superior lift arms, machine shutdown protection, self diagnostics or theft protection, our reputation for reliable equipment protects your reputation for timely, productive work.

## Battery Run-Down Protection

The lighting circuit automatically shuts down to prevent accidental battery discharge.

## No-Maintenance Axle Bearings

Bobcat axle bearings are automatically lubricated with chaincase oil – so they never need greasing.



## Machine Shutdown Protection

Bobcat loaders come standard with automatic shutdown that monitors engine and hydraulic functions. The system alerts the operator and actually shuts the machine down – lessening the chance of damage to the engine or hydraulic components.

## Tougher Axles

Axles larger than any comparable-sized loader prevent downtime.

## Maintenance-Free Chaincase

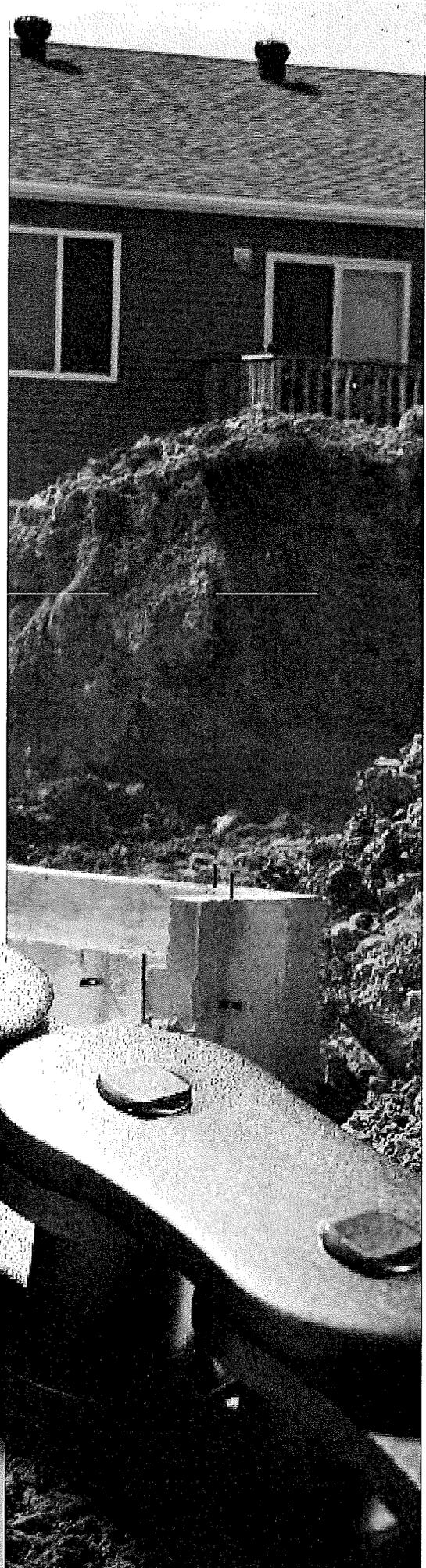
The rugged Bobcat chaincase is the only maintenance-free chaincase in the industry with exclusive fixed-axle tubes, stronger axles and fully sealed bearings.

## No Adjustments

The Bobcat chaincase requires no adjustments – ever.

## Strong Chains

Tight manufacturing tolerances. Endless roller, high-strength oval chains (HSOC). Thick side-link plates and hardened pins. The chains are 38 percent stronger than the competition.





# Smart Cooling



The Bobcat cooling system is smarter because of its superior protection and exclusive SmartFAN.

The hydraulically powered SmartFAN senses engine temperature and only turns as fast as needed, reducing sound levels and providing excellent protection from overheating.

The Bobcat radiator and hydraulic oil cooler are well protected between the frame uprights, above the engine. This also leaves the rear of the engine freely accessible for maintenance checks.

## SmartFAN Cooling

Designed to provide excellent cooling for M-Series and M2-Series loaders, the patented dual path cooling system draws cool, clean air from above, pulls warm air out of the engine compartment and forces it out two side vents, directing hot air away from the operator.

Reduce maintenance and downtime while increasing productivity in dirty, dusty conditions. The reversible fan increases uptime by purging debris from the rear screen. Auto mode reverses airflow automatically, and operator-controlled purge mode gives you the ability to reverse the fan at any time.

Better cooling  
in extreme conditions





COOL AIR

HOT AIR

Bobcat  
5595



## Superior Lift Arms

Your loader arms should remain rigid when you move with a load, and hydraulic hoses should be protected from the hazards of a jobsite. Bobcat knows this better than anyone. Our durable, patented lift-arm design and a choice of lift path help you meet the unique demands of your job.

### Higher lift, more capacity and reach at maximum height

### Vertical Lift Path

A vertical lift path provides higher lift capacity and more reach at full lift height than radius lift path, keeping the load closer to the machine while you raise the loader arms. Because you achieve maximum reach at full lift height, it's easier to clear high-sided truck boxes and hoppers. It's also better for placing heavy pallets of block or sod.



### Job-Matched Lift Arms

A vertical lift path and radius lift path each have their advantages. Bobcat builds both styles to match the work you do.

### Hydraulically Cushioned Cylinders

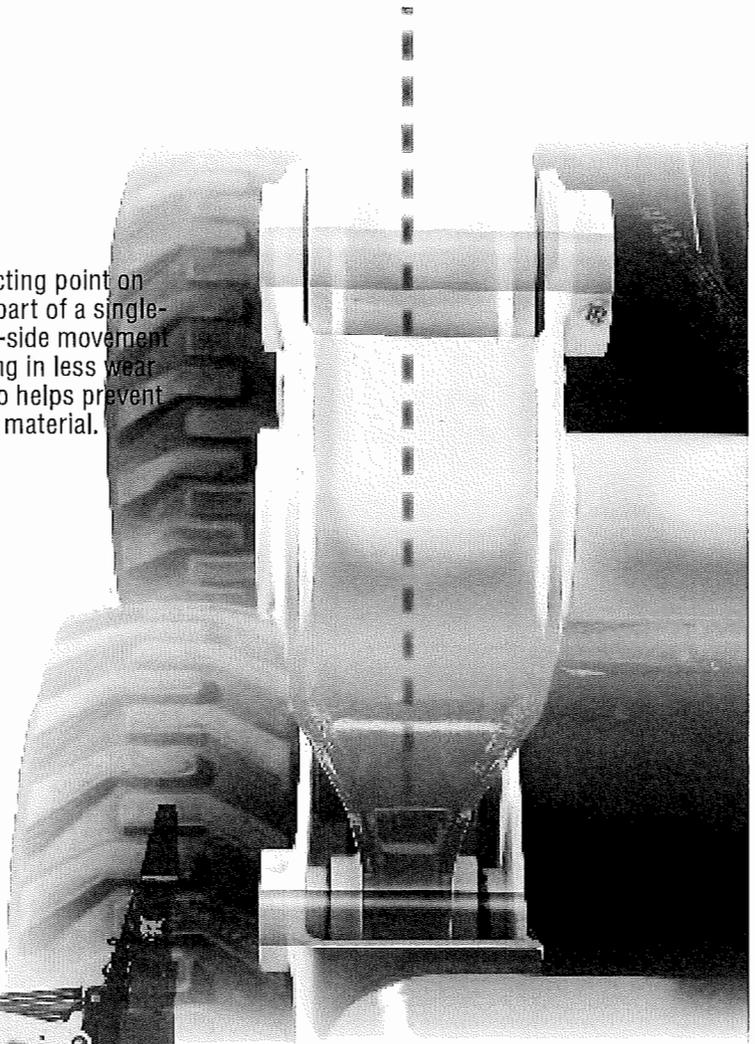
Smooth, quick Bobcat lift cylinders softly lower the lift arms back to their original position on the loader frame. This occurs automatically with every lift cycle to reduce noise and increase comfort during operation.

## Radius Lift Path

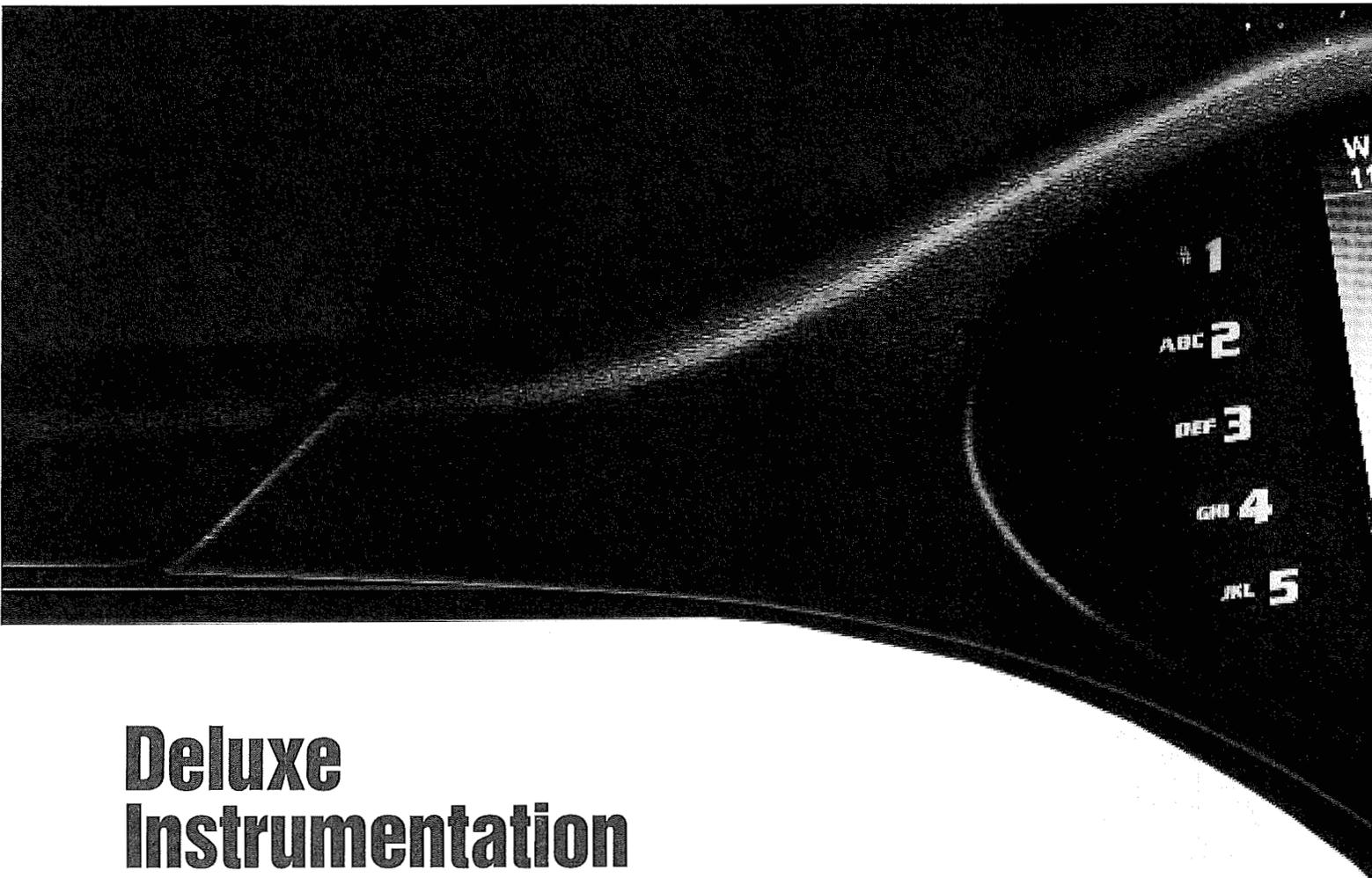
A radius lift path provides maximum reach at truck bed height. Arm movement forms an arc. More than 80 percent of that arc delivers better reach at truck bed height. A radius lift path excels in jobs at mid-range heights, like dumping over a wall, backfilling or unloading flatbed trucks.

### Single-Plane Design

Every pin and connecting point on Bobcat lift arms are part of a single-plane design. Side-to-side movement is minimized, resulting in less wear and longer life. It also helps prevent unwanted spillage of material.



More reach at mid-range



# Deluxe Instrumentation

The deluxe instrument panel offers you even more functionality. The 5-inch, full-color LCD screen enables monitoring of and interaction with your machine. The system can even provide information about machine performance in English, Spanish and five other languages.



**Activity Monitor** Check machine usage by operator with the job clock feature.



**Functional Lockouts** Protect your investment from misuse or accidental use by locking out certain functions such as high-flow hydraulics and 2-Speed travel.

## Password-Protected Keyless Start

Eliminate downtime due to lost keys. Remove the risk of spare keys in the pockets of current or former employees. Reduce the chance of theft or unauthorized use. You might even reduce your insurance premiums.

## Attachment Operation

Deluxe instrumentation features a viewable job clock for certain attachments and the ability to make adjustments to laser-guided attachments without stepping out of the cab. You can even monitor certain attachment functions on-screen.

## Diagnostics

The easy-to-read, backlit display panel monitors 14 major loader functions and provides troubleshooting suggestions to help solve a potential problem, which helps maximize your uptime.

## Other Deluxe Instrumentation Features

Digital time clock, user job clock, statistics for overall job and individual operators, resettable hour meter, attachment controls, help menu, and multiple password settings give you added convenience and more control over your machine.

M2-Series deluxe instrument panel is pictured here. See your dealer for details.



- 7 POPS
- 8 TUV
- 9 WXYZ
- 0 -



## Theft Protection

According to the National Insurance Crime Bureau, \$3 million in compact equipment is lost each day to thieves. Compact loaders are one of the most stolen pieces of compact equipment in the world.

Reduce the risk of loss due to theft or unauthorized use with the optional password-protected Bobcat deluxe instrument panel and up to eight custom keyless start codes. It may even qualify your business for reduced insurance premiums.

## Optional Keyless Panel

If you're not ready for the robust functionality of deluxe instrumentation, but you'd like the convenience of keyless start with the added security of an owner-defined numeric code, choose the optional security panel upgrade.



## Comfort Cab

Bobcat has always led the industry in cab comfort. The M2-Series cab design is the best, most comfortable cab we've ever built.

### Vibration-Reducing Cab Isolation

With front-mount rubber bushings that are 32 percent larger and rear-mount bushings that are 160 percent larger than previous generation loaders, the operator experience is better than ever.

### Presturizing Front Door Seal

A tight door seal increases cab pressurization to repel dust and keep clean heated or air-conditioned air inside.

### Dial Hand Throttle

Adjust your engine speed quickly and easily.

### Seat-Mounted Joysticks

On loaders with Selectable Joystick Controls (SJC), the joysticks are mounted to the seat. As your suspension seat moves up and down, the joysticks move with the seat for added comfort while operating.

### Improved Seat Adjustment

The adjustable seat features 2 additional inches of forward or aft movement to accommodate different-sized operators.

### Large Entry

On machines with enclosed cabs, large swing-open doors provide ample room for exit and entry.

### More Room

Our stronger, narrower loader arms make a wider cab possible, with up to 20 percent more interior space than competitors, keeping you comfortable.



### Heat and Air Conditioning

Because our AC units are integrated into the machine, there is no bulky add-on unit to obstruct your visibility. Automotive-style vents allow you to point your air where you need it for greater comfort in all weather conditions.

### Ample Storage

Storage bins are located throughout the interior. You can store items wherever it's convenient – on your right or on your left.

### Convenient Engine Speed Control

The engine speed control is within easy reach on the right-hand corner post of the cab.

### Fingertip Controls

Fingertip controls make your attachment comfortable to operate, easy to control and simple to adjust while driving. Dual-direction detent allows hydraulic flow to be engaged continuously, in either direction, without holding a switch. Variable hydraulic flow allows you to slowly move cylinders when working with a grapple or combination bucket, or crank it up to maximum flow to quickly shake dirt from an auger bit.



### 12-Volt Power Accessory

Your cab is your office. That's why Bobcat installed a 12-volt power accessory for charging your mobile phone and other devices.



### Easy-Pull, Easy-Slide

Simply pull the window knob to slide the side window to five lockable positions. The window stays exactly where you want it to get consistent air flow.

### Heated Cloth Air-Ride Seats

Upholstered in comfortable, breathable cloth and equipped with operator-controlled heat for warmth in cold weather, the seat provides the ultimate in comfort. The air suspension adjusts to your weight, helping you smooth out the bumps on your jobsite and increasing your comfort.



Side Lighting Kit

Mounted above the right and left side windows, these low-profile, 800-lumen-rated LED lights make operation more productive at all hours.

### Radio-Capable

Order your loader with a stereo to enhance your operation experience. The radio features an auxiliary audio input jack that is ready for a mobile phone or other device.

### Other Comfort Cab Features

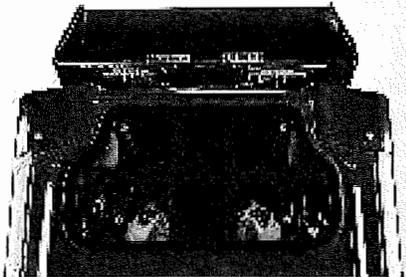
- High-output halogen lights for low-light operation
- Adjustable foot pedals

Availability of some comfort features varies by model and configuration. See your dealer for details.



# Leading Visibility

Leading all-around visibility is central to the design of the cab on Bobcat loaders. This provides a big advantage when loading a truck or using attachments.



## Increased Top Visibility

A top window with 34 percent more viewing area gives you an unbeatable view when raising a load above the cab, such as loading trucks or stacking materials.



## Cab-Forward Design

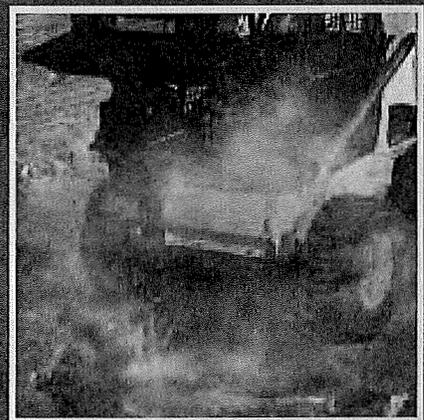
The cab-forward design moves the operating area closer to the attachment, giving you a better vantage point to see your work.

## Front Visibility

Comfortably see your work from the seat through a single, curved pane of glass that delivers as much as 50 percent more glass surface area than other manufacturers. Powerful lighting gives you a great view for night operation.

# Pressurized Cab

Dirt, dust, mud and debris are part of your routine. Bobcat enclosed cabs have a best-in-class pressurized interior space for cleaner, more comfortable operators. A newly redesigned front door seal allows for even greater cab pressurization in M2-Series loaders; it keeps dust out and heat or air-conditioning in.





## **Rear Visibility**

The cab-forward design doesn't affect rear visibility. The large rear window and angle of the back of the loader provide a great view behind the tailgate.

*All-around visibility is central to the design of the cab on Bobcat loaders.*

## **Side Visibility**

In the Bobcat cab, you can see the wheels without having to lift your loader arms, increasing your performance in tight areas, such as grading next to a building or backing onto a trailer.

*The innovative Bobcat door design includes a one-piece seal. Plus, the unique curved door pocket provides the best possible seal against dust, dirt and debris.*

# Choice Controls

Bobcat offers all of the common control patterns found on compact loaders today – and it's the only brand that allows you to choose your preference at the flip of a switch. It's the largest selection of control possibilities in the industry.



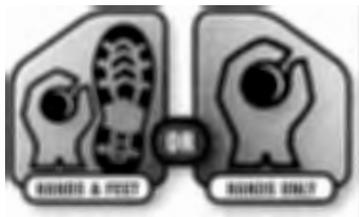
## Bobcat Standard Controls

With Bobcat standard controls, each steering lever controls each drive side independently, pedals control the loader lift and tilt. It's still the most popular control style.



## Remote Control

With remote control operation, you control your loader without having to be in the cab. This is a smart solution for hot, dusty environments or on jobs where you'd rather be outside the machine. Completely portable, and designed for the worst working environments, the radio remote control system is installed or removed in minutes for easy use with multiple machines.



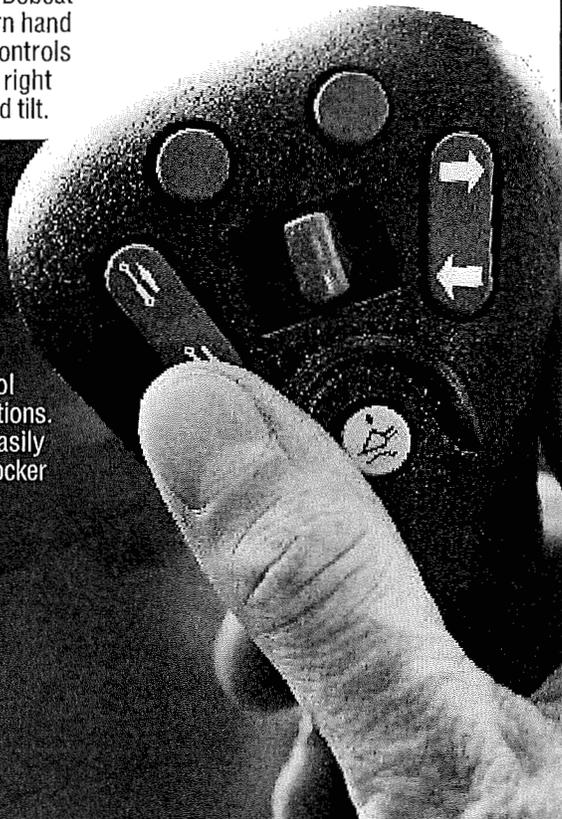
## Advanced Control System (ACS)

ACS offers your choice of two control styles in one machine. By pressing a switch, you can use traditional Bobcat standard controls or "H" pattern hand controls, where the left lever controls the left drive and lift, while the right lever controls the right drive and tilt.



## Selectable Joystick Control (SJC)

Selectable Joystick Control offers low-effort hand control of all machine work group functions. "ISO" or "H" patterns can be easily activated by a dash-mounted rocker switch inside the cab.



# BOBCAT SELECTABLE JOYSTICK CONTROL



## SJC provides big performance advantages.

### Drive Response Mode

Drive response mode allows you to choose how the drive responds to joystick movement. Whether you like a more gradual response, quick, instant feedback, or something in-between, three different settings put you in control.



#### Low-Effort Pump (600 & 700 Platform)

Reduces the lever forces required to move your machine with standard controls or ACS, yet maintains the precision and maneuverability you've come to expect. Operators experience less fatigue and enhanced productivity.

*These low-effort joysticks are loaded with Bobcat-exclusive features that increase your productivity.*

#### Speed Management

A Bobcat exclusive. Simply "dial in" your required travel speed in small increments to match speed to your operation requirements and maximize attachment performance. Speed management gives you a full range of joystick motion at a slower speed, giving you precise control of machine movements while maintaining maximum driveline torque and full hydraulic power.

#### Steering DHT Compensation

Steering drift compensation keeps you on a straight path by helping you make minor adjustments to the steering. It's beneficial when you side-shift certain attachments, such as planers or trenchers, as this will tend to pull the machine to one side. You can also use it while driving on surfaces that cause the loader to gradually drift left or right, such as crowned roads. Make fine steering adjustments to either side and stay on target.

#### Horsepower Management

Bobcat horsepower management automatically adjusts the loader drive system to maximize pushing and digging power while minimizing your chance of stalling. Unlike other anti-stall systems, Bobcat horsepower management lets the operator obtain maximum engine and drive torque to match the toughest digging conditions. If you prefer to work without it, simply disengage with the push of a button.

# Panoramic Serviceability

Bobcat loaders are designed to provide the fastest, easiest maintenance in the industry. Engine checkpoints are within easy reach – so daily maintenance actually gets done. Unparalleled access to routine and long-term maintenance points makes preventative maintenance simple, reducing your operating costs and adding to your bottom line.



## Full-Access Serviceability

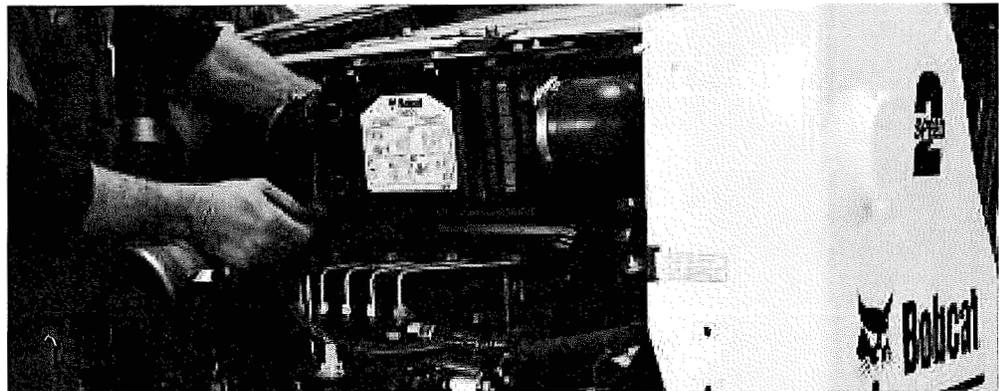
Our large, swing-open tailgate provides convenient access to routine maintenance points. There are no radiators to move, lift arms to raise or lift-arm support devices to install.

## Protective Tailgate

The one-piece, ¼-inch steel tailgate door protects loader components from jobsite hazards.

## Tip-Up Cab

For non-routine service, simply remove two nuts and tip back the cab to access hydraulic and hydrostatic components in minutes.





## Tier 4 Solutions

When Tier 4 emissions standards required every equipment manufacturer to make equipment changes, Bobcat designed a non-DPF Tier 4 solution that also delivers new features and provides more performance to customers.

### More Torque

Higher combustion pressures generate more torque. Bobcat engines have a robust combustion chamber that handles more pressure and produces more torque than ever before, meaning better performance for pushing, digging, lifting and operating attachments.

*Go to [Bobcat.com/Tier4Engine](http://Bobcat.com/Tier4Engine) to learn more about the Bobcat engine features and performance improvements.*

### A Wider Range of Power

Bobcat engines generate the most torque across a much wider rpm range. Our engines can stay in the peak torque range longer, maximizing your performance. Operators of every skill level can better utilize full engine performance to get more work done.

#### **Other Bobcat Engine Advantages:**

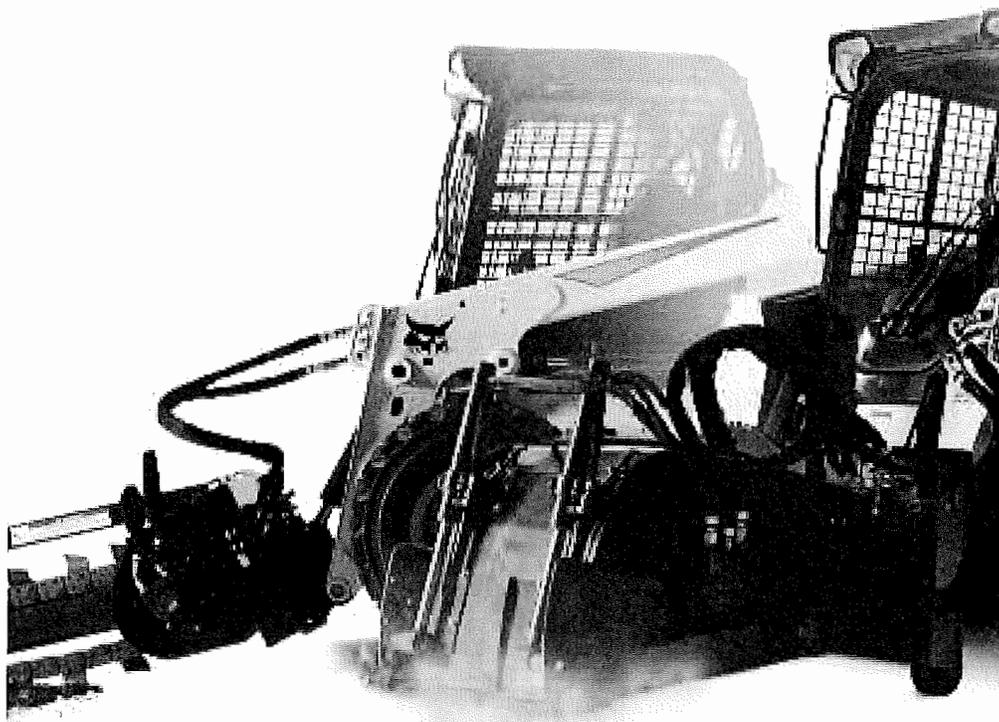
**Improved Machine Shutdown Protection**  
Monitors coolant and oil temperatures and prevents them from reaching a critical point of shutdown.

**Cold Weather Engine Protection**  
Protects your machine from working too hard before the engine is properly warmed up.

**Lower Operating Costs and Reduced Noise**  
An auto-idle function on SJC-equipped machines reduces noise levels.

### Simple, State-of-the-Art and Non-DPF

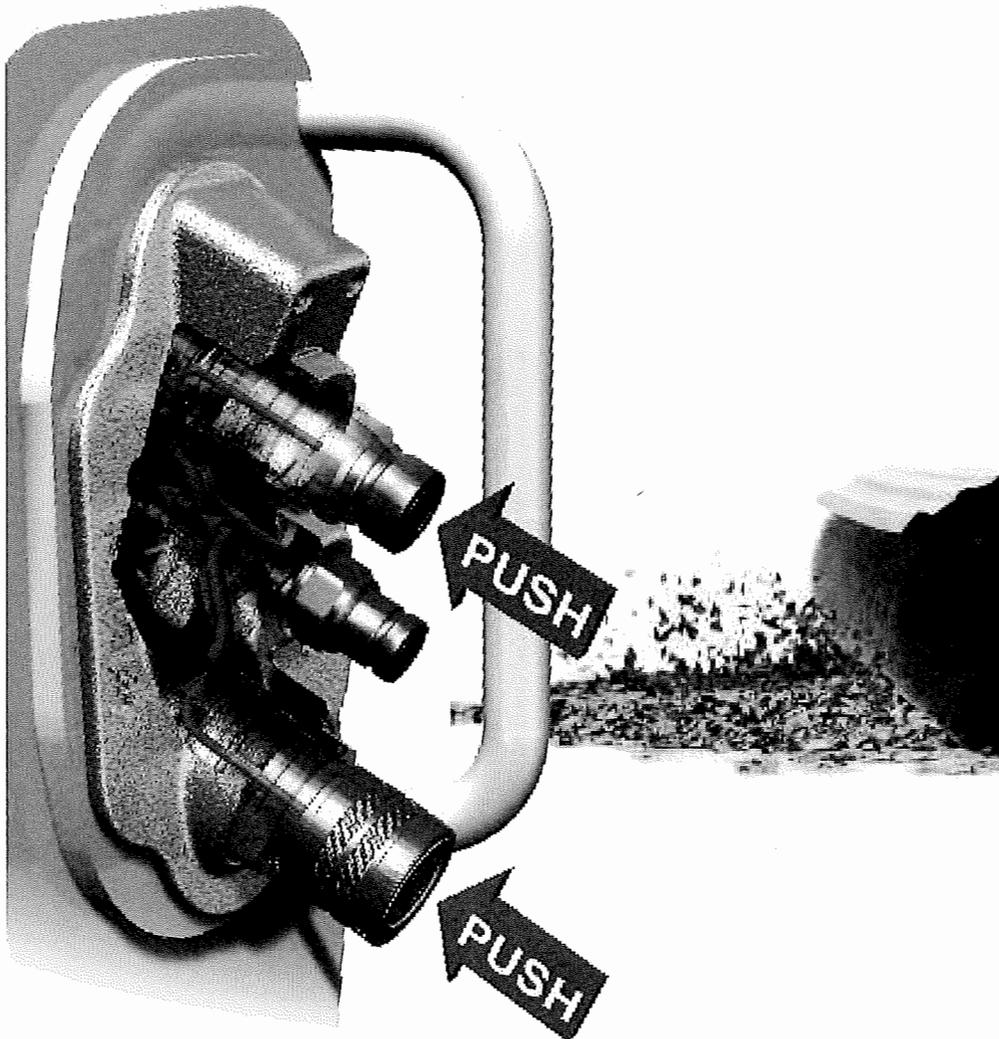
The biggest advantage of our Tier 4 solution is simplicity. Bobcat engines meet Tier 4 regulations without a diesel particulate filter (DPF). This reduces downtime that occurs with DPF regeneration and long-term DPF maintenance costs. That allows operators to focus on working.



Bobcat loaders have your business expansion built right in. An auger, breaker or one of more than 70 attachments will go a long way to save you time and labor. Whether it's breaking concrete, taking down buildings or drilling tree holes, Bobcat attachments help you take on new jobs and get more use from your machine. They're vertically integrated with your Bobcat loader's electronics, hydraulics and geometry, and they're designed with visibility and ease of entry and exit in mind.

## Quick Couplers

Trapped line pressure can make attachment changes anything but quick. So Bobcat loaders come with quick couplers to release trapped pressure. By pushing the coupler inward, hydraulic oil is released through a return line back into the machine. The result is a clean, quick attachment change every time.



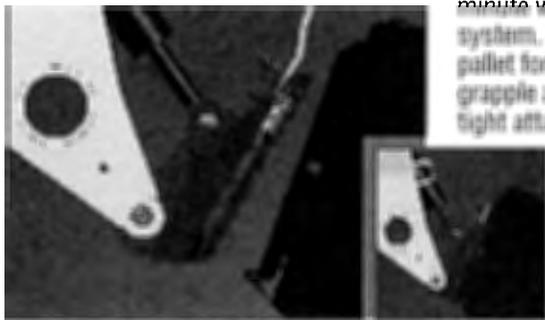
## Attachment Control Kit

Several attachments require control of more than one function. Our small, seven-pin attachment harness activates power and fingertip-control functions while eliminating the need for mechanical relays used on other loaders. It's fully integrated with your Bobcat loader for a clean look and protected routing.



## Bob-Tach System

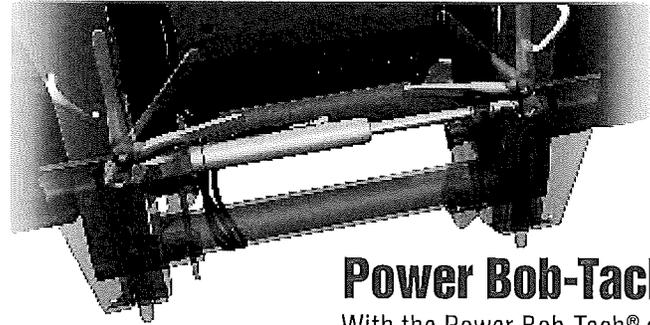
Change attachments in less than a minute with the Bob-Tach® mounting system. Replace a bucket with a pallet fork, landscape rake, auger, grapple and more, while keeping a tight attachment fit every time.



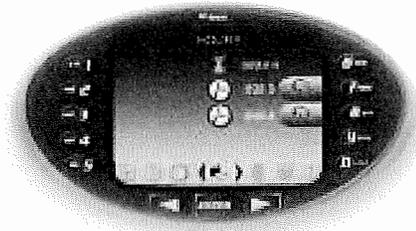
Do  
more



than  
dig.



**Power Bob-Tach System**  
With the Power Bob-Tach® system, you can change non-hydraulic attachments without leaving the comfort of your cab. Just line up the attachment and press the switch.



### **Deluxe Instrumentation Hour Clock**

With the deluxe instrument panel, you can monitor the number of hours on each attachment.



### **Laser Positioning**

For laser-controlled attachments, deluxe instrumentation provides real-time, in-cab attachment position monitoring and adjustment.



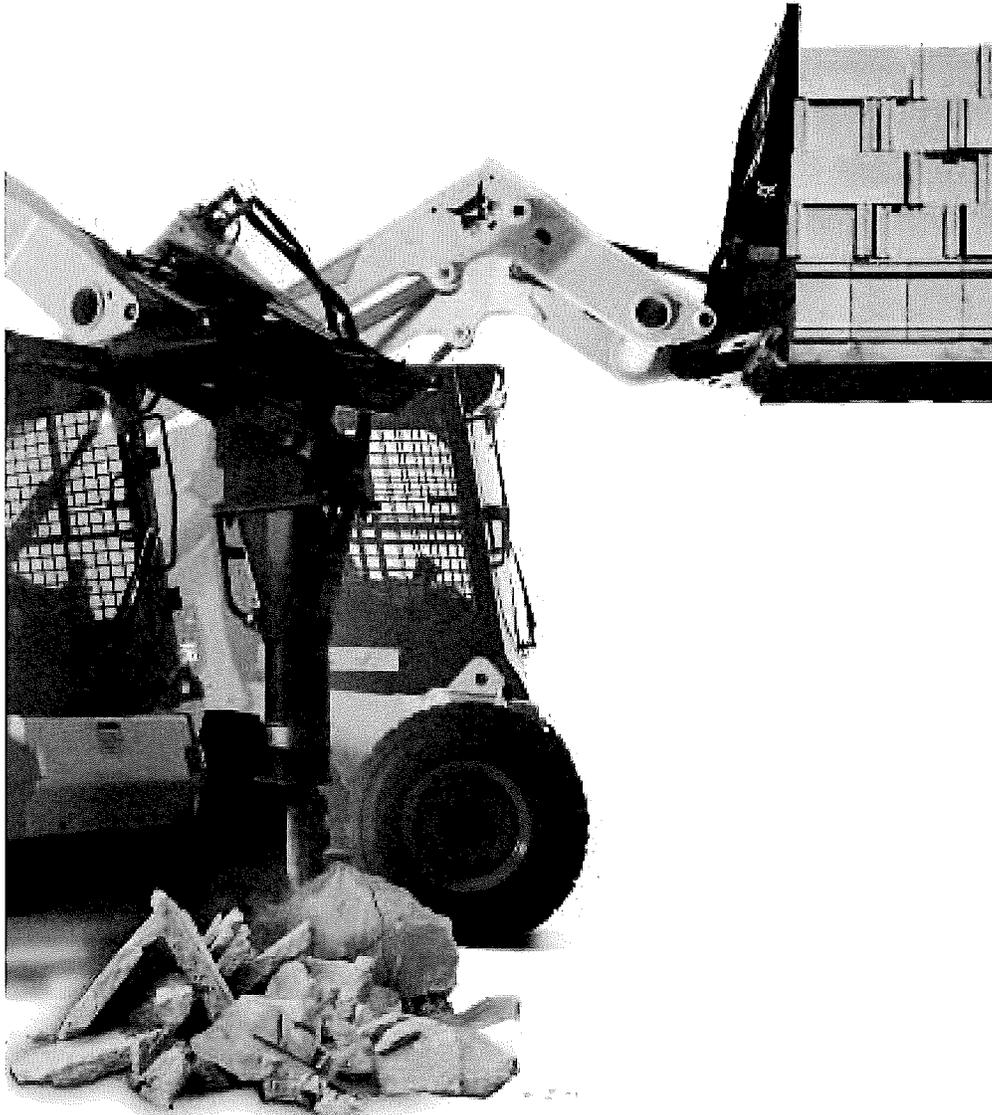
### **Tree Spade Control**

With deluxe instrumentation, you can monitor active blades and gates, change auto-dig and easy-dig settings, and monitor the number of trees dug in a day.



### **Sonic Tracer/Slope Sensor**

The sonic tracer/slope sensor kit enables operators to create an accurate cross-slope or precisely grade when laser receivers and transmitters are limited by jobsite obstacles or the grade needed does not follow a plane.



### **High-Flow Hydraulics**

Optional high-flow hydraulics provide a big power boost for better production with attachments. Certain attachments, such as the flail cutter, trencher, planer and stump grinder, get maximum performance from high-flow hydraulics.

### **Multi-Carrier Versatility**

Get more versatility and profitability for your dollar. Several Bobcat attachments can be used across carriers. For example, a Model 15C auger can be shared with an all-wheel steer loader, skid-steer loader, compact track loader, compact excavator, Toolcat™ utility work machine and VersaHANDLER® telescopic tool carrier.

### **Superior Attachment Availability**

Bobcat dealers specialize in compact equipment – so they are much more likely to stock or rent attachments that other equipment retailers don't even have. You'll be able to buy or rent the attachments you need.

### **Attachment Support**

The attachment is as important as your machine. If you buy an attachment off the internet or at a discount store, who is going to service it, provide parts and complete your warranty? Bobcat Company supports its attachments better than anyone. We are your one-stop shop for your attachment parts, service, finance and warranty.

# All-Wheel Steer Innovation

Bobcat is famous for giving you more ways to get the job done. When you want maneuverability or turf-friendly performance on demand, only Bobcat delivers.



## Two steering modes by simply pressing a switch

The powerful A770 is the only compact loader in the industry that offers both all-wheel steer and skid-steer capabilities. This revolutionary loader operates with smooth, all-wheel steering that rolls through a turn without tearing up finished turf or leaving marks on driveways. When you need the unmatched maneuverability of a skid-steer loader, just press a switch and your loader can turn within its own length.

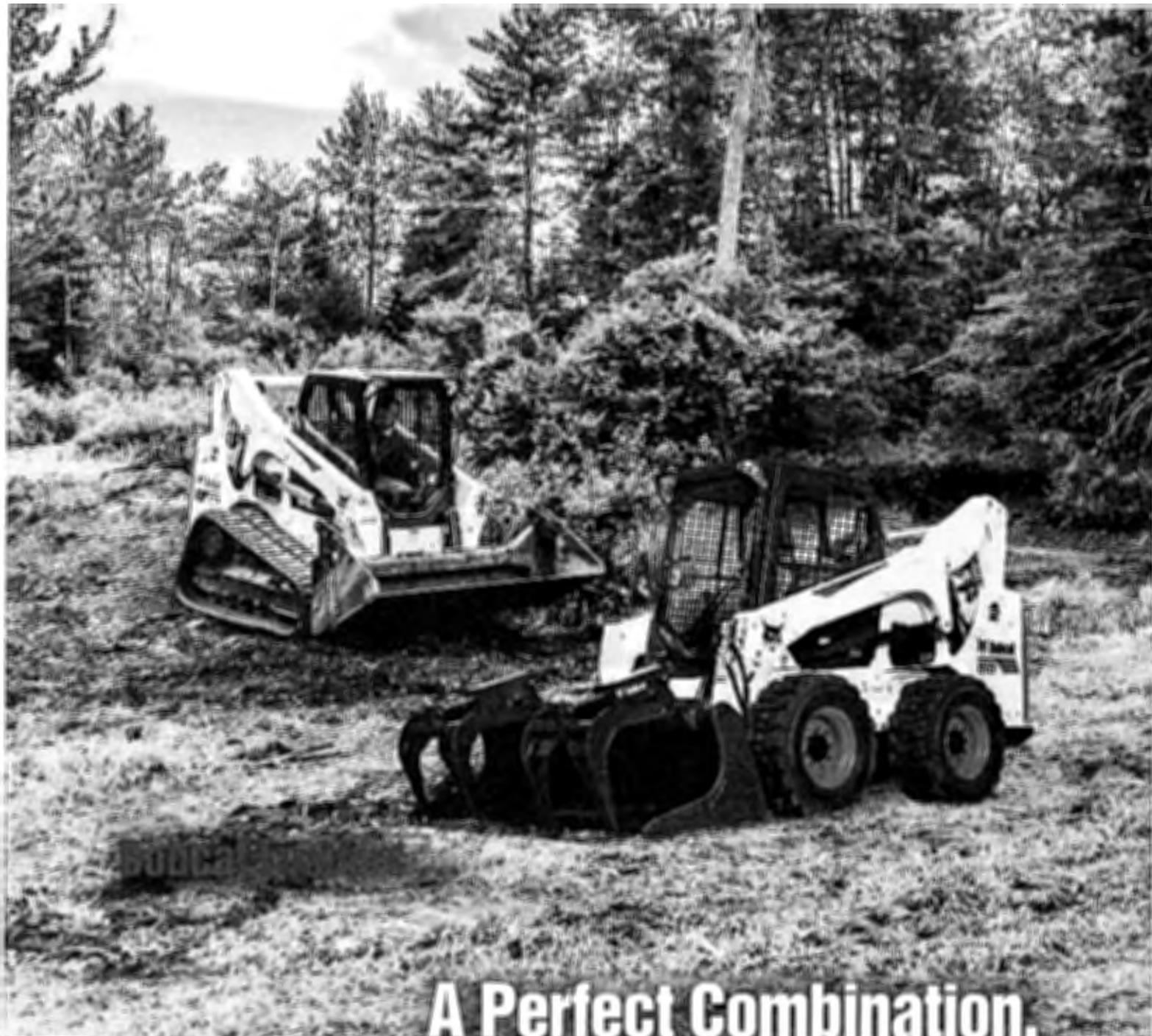


# Bobcat gives you more.

**More models. More features. More options. More versatility.**

With skid-steer and all-wheel steer loader models ranging from 36 to 80 inches wide and 23.5 to 100 horsepower, no one gives you more choices – or more machine for your money – than Bobcat. Get your choice of vertical lift path or radius lift path arm configurations. Take advantage of exclusive designs and groundbreaking technology. With Bobcat, you'll always get more, which means you'll have an easier time finding the machine that's matched to your job.





## A Perfect Combination.

*If you want to push your productivity to new heights, pair your loader with a Bobcat excavator.*

### **Ultimate Equipment Combination**

If you are replacing your backhoe, nothing beats the versatility and speed of a Bobcat skid-steer loader working in tandem with a Bobcat compact excavator.

### **Versatility**

Backhoes offer just a few attachments. The skid-steer loader and excavator can use up to 60 different attachments, giving you access to more jobs.

### **Compact Efficiency**

Compact excavators are designed for long periods of excavating. The compact size allows use in confined areas like backyards and inside buildings. And with the operator's offset position in the cab, there is better visibility to the bucket.

### **Better Spoil Placement**

Excavators offer unlimited spoil dumping options with 360 degrees of rotation. You can also dig in any position around the machine.

### **More Efficiency Saves You Money**

You can only accomplish one thing at a time with a backhoe. When you combine a Bobcat skid-steer loader with a compact excavator, you can double your productivity. One can dig while the other can backfill or load trucks at the same time.



*Bobcat gives you more. More models. More options. More versatility.*



# Specifications and Features AWS and Skid-Steer Loaders



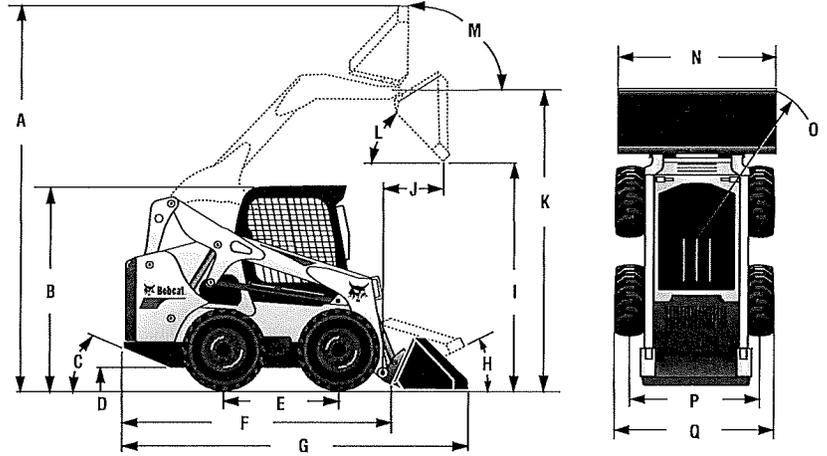
	S70	S450	S550	S570	S590
Loader Series	K-Series	M2-Series	M2-Series	M2-Series	M2-Series
Rated Operating Capacity (ROC)	700 lb. (318 kg)	1300 lb. (590 kg)	1750 lb. (794 kg)	1950 lb. (885 kg)	2100 lb. (952 kg)
ROC with Counterweight (optional)	—	Counterweight			
Tipping Load	1512 lb. (686 kg)	2600 lb. (1179 kg)	3500 lb. (1588 kg)	3900 lb. (1769 kg)	4200 lb. (1905 kg)
Height to Hinge Pin	94.5 in. (2400 mm)	109.5 in. (2781 mm)	114.5 in. (2908 mm)	119 in. (3023 mm)	119 in. (3023 mm)
Lift Arm Path	Radius	Radius	Radius	Vertical	Vertical
<b>Size and Speed</b>					
Operating Weight	2795 lb. (1268 kg)	5027 lb. (2280 kg)	6213 lb. (2818 kg)	6480 lb. (2939 kg)	6593 lb. (2991 kg)
Bucket Width	36 in. (914 mm)	62 in. (1575 mm)	68 in. (1727 mm)	68 in. (1727 mm)	68 in. (1727 mm)
Cab Height	71.4 in. (1813.81 mm)	77.8 in. (1972 mm)	77.8 in. (1972 mm)	77.8 in. (1972 mm)	77.8 in. (1972 mm)
Travel Speed – Low Range	6.1 mph (9.8 km/hr.)	7.1 mph (11.4 km/hr.)	7.4 mph (11.8 km/hr.)	7.4 mph (11.8 km/hr.)	7.4 mph (11.8 km/hr.)
Travel Speed – High Range (optional 2-Speed travel)	—	9.2 mph (14.8 km/hr.)	11.0 mph (17.3 km/hr.)	11.0 mph (17.3 km/hr.)	11.0 mph (17.3 km/hr.)
<b>Engine</b>					
Horsepower	23.5 hp	49 hp	61 hp	61 hp	66 hp
Type	Diesel	Turbo Diesel	Turbo Diesel	Turbo Diesel	Turbo Diesel
Fuel Tank Capacity	6.5 gal. (24.6 L)	14.4 gal. (54.4 L)	24.7 gal. (93.7 L)	24.7 gal. (93.7 L)	24.7 gal. (93.7 L)
Horsepower Management	—	—			
Diesel Particulate Filter (DPF) Requirement	No	No	No	No	No
Diesel Exhaust Fluid (DEF)	No	No	No	No	No
<b>Uptime Protection</b>					
Axle Grease	Never	Never	Never	Never	Never
Axle Seal Protection	Std	Std	Std	Std	Std
Bobcat SmartFAN	Std	Std	Std	Std	Std
Cooling System	Std	Std	Std	Std	Std
Machine Shutdown Protection	Opt	Std	Std	Std	Std
Required Chain Adjustment	Never	Never	Never	Never	Never
<b>Tires</b>					
Bobcat Standard Duty	Std	Opt	Std	Std	—
Bobcat Heavy Duty	Opt	Std	Opt	Opt	Std
Bobcat Severe Duty	—	Opt	Opt	Opt	Opt
Bobcat Super Float	—	—	Opt	Opt	—
<b>Control Options</b>					
Bobcat Standard (foot pedals/steering levers)	Std	Std	Std	Std	Std
Advanced Control System (ACS)	—	Opt	Opt	Opt	Opt
Selectable Joystick Control (SJC)	—	Opt	Opt	Opt	Opt
Radio Remote Control (SJC required)	—	Opt	Opt	Opt	Opt
Dual Steering Mode (all-wheel steer or skid-steer)	—	—	—	—	—
Standard Control Power Assist	—	—	—	—	—
<b>Machine Features</b>					
2-Speed Travel	—	Opt	Opt	Opt	Opt
Heated Cloth Air-Ride Seat	—	Opt	Opt	Opt	Opt
Back-Up Alarm and Horn	Std	Std	Std	Std	Std
Bobcat Interlock Control System (BICS™)	Std	Std	Std	Std	Std
Cab with Heat	Opt	Opt	Opt	Opt	Opt
Cab with Heat and Air Conditioning	—	Opt	Opt	Opt	Opt
Deluxe Instrumentation (includes keyless start)	—	Opt	Opt	Opt	Opt
Front and Rear Work Lights	Std	Std	Std	Std	Std
Hydraulic Bucket Positioning	Opt	Opt	Opt	Opt	Opt
Mechanical Suspension Seat	Opt	Opt	Std	Std	Std
Radio	—	Opt	Opt	Opt	Opt
Reversing Fan	—	Opt	Opt	Opt	Opt
Ride Control	—	Opt	Opt	Opt	Opt
ROPS/FOPS Approved Cab Structure	Std	Std	Std	Std	Std
Side Lighting Kit	—	—	Opt	Opt	Opt
Sound Reduction Package	Opt	Opt	Opt	Opt	Opt
<b>Features for Attachments</b>					
Attachment Control Kit	Opt	Opt	Opt	Opt	Opt
Bob-Tach Mounting System	Std	Std	Std	Std	Std
Power Bob-Tach System	—	Opt	Opt	Opt	Opt
Fingertip Auxiliary Hydraulics Control	—	Std	Std	Std	Std
Hydraulic System Pressure	3000 psi	3300 psi	3500 psi	3500 psi	3500 psi
Hydraulic Standard Flow	9.8 gpm (37.1 L/min.)	16.7 gpm (63.2 L/min.)	17.1 gpm (64.7 L/min.)	17.1 gpm (64.7 L/min.)	17.1 gpm (64.7 L/min.)
Hydraulic High Flow (optional)	—	—	26.7 gpm (101.1 L/min.)	26.7 gpm (101.1 L/min.)	26.7 gpm (101.1 L/min.)
Pressure Release Hydraulic Quick Couplers	—	Std	Std	Std	Std
Speed Management	—	Included with			



S595	S630	S650	S740	S770	S850	A770
M2-Series	M2-Series	M2-Series	M2-Series	M2-Series	M2-Series	M2-Series
2200 lb. (998 kg)	2180 lb. (989 kg)	2690 lb. (1220 kg)	3100 lb. (1406 kg)	3350 lb. (1520 kg)	3950 lb. (1792 kg)	3325 lb. (1508 kg)
Weight kits are available to increase ROC. See dealer on available kits and ROC increases for your loader.						
4400 lb. (1995 kg)	4360 lb. (1978 kg)	5380 lb. (2440 kg)	6200 lb. (2812 kg)	6700 lb. (3039 kg)	7900 lb. (3583 kg)	6650 lb. (3016 kg)
119 in. (3023 mm)	121 in. (3073 mm)	124 in. (3149 mm)	132 in. (3353 mm)	132 in. (3353 mm)	144 in. (3657 mm)	132 in. (3353 mm)
Vertical	Radius	Vertical	Vertical	Vertical	Vertical	Vertical
6793 lb. (3082 kg)	7610 lb. (3452 kg)	8061 lb. (3657 kg)	8794 lb. (3989 kg)	9314 lb. (4225 kg)	10,237 lb. (4643 kg)	9623 lb. (4365 kg)
68 in. (1727 mm)	74 in. (1880 mm)	74 in. (1880 mm)	74 in. (1880 mm)	74 in. (1880 mm)	80 in. (2032 mm)	74 in. (1880 mm)
77.8 in. (1972 mm)	81.3 in. (2065 mm)	81.3 in. (2065 mm)	81.3 in. (2065 mm)	81.3 in. (2065 mm)	83.4 in. (2118 mm)	81.3 in. (2065 mm)
7.4 mph (11.8 km/hr.)	7.1 mph (11.4 km/hr.)	7.1 mph (11.4 km/hr.)	7.1 mph (11.4 km/hr.)	7.1 mph (11.4 km/hr.)	7.1 mph (11.4 km/hr.)	7.1 mph (11.4 km/hr.)
11.0 mph (17.3 km/hr.)	12.3 mph (19.8 km/hr.)	12.3 mph (19.8 km/hr.)	12.3 mph (19.8 km/hr.)	12.3 mph (19.8 km/hr.)	12.3 mph (19.8 km/hr.)	12.3 mph (19.8 km/hr.)
Tier 4	Tier 4	Tier 4	Tier 4	Tier 4	Tier 4	Tier 4
74 hp	74 hp	74 hp	74 hp	92 hp	100 hp	92 hp
Turbo Diesel	Turbo Diesel	Turbo Diesel	Turbo Diesel	Turbo Diesel	Turbo Diesel	Turbo Diesel
24.7 gal. (93.7 L)	23.9 gal. (90.5 L)	23.9 gal. (90.5 L)	23.9 gal. (90.5 L)	23.9 gal. (90.5 L)	29.5 gal. (111.6 L)	23.9 gal. (90.5 L)
Included with SJC Option					Std	Std
No	No	No	No	No	No	No
No	No	No	No	4.6 gal. (17.4 L)	4.6 gal. (17.4 L)	3.5 gal. (13.2 L)
Never	Never	Never	Never	Never	Never	Never
Std	Std	Std	Std	Std	Std	Std
Std	Std	Std	Std	Std	Std	Std
Std	Std	Std	Std	Std	Std	Std
Std	Std	Std	Std	Std	Std	Std
Never	Never	Never	Never	Never	Never	Never
Opt	—	—	—	—	—	—
Std	Std	Std	Std	Std	Std	Std
Std	Std	Opt	Opt	Opt	Opt	Opt
—	Std	Opt	Opt	Opt	—	Opt
Std	Std	Std	Std	Std	—	—
Opt	Opt	Opt	Opt	Opt	—	—
Opt	Opt	Opt	Opt	Opt	Opt	—
Opt	Opt	Opt	Opt	Opt	Opt	Opt
—	—	—	—	—	—	Std
—	—	—	—	—	Std	—
Std	Opt	Opt	Opt	Opt	Std	Std
Opt	Opt	Opt	Opt	Opt	Opt	Opt
Std	Std	Std	Std	Std	Std	Std
Std	Std	Std	Std	Std	Std	Std
Opt	Opt	Opt	Opt	Opt	Opt	Opt
Opt	Opt	Opt	Opt	Opt	Opt	Opt
Opt	Opt	Opt	Opt	Opt	Opt	Opt
Std	Std	Std	Std	Std	Std	Std
Opt	Opt	Opt	Opt	Opt	Opt	Opt
Opt	Opt	Opt	Opt	Opt	Opt	Opt
Std	Std	Std	Std	Std	Std	Std
Opt	Opt	Opt	Opt	Opt	Opt	Opt
Opt	Opt	Opt	Opt	Opt	Opt	Opt
Opt	Opt	Opt	Opt	Opt	Opt	Opt
Std	Std	Std	Std	Std	Std	Std
Opt	Opt	Opt	Opt	Opt	Opt	Opt
Opt	Opt	Opt	Opt	Opt	Opt	Opt
Opt	Opt	Opt	Opt	Opt	Opt	Opt
Std	Std	Std	Std	Std	Std	Std
Opt	Opt	Opt	Opt	Opt	Opt	Opt
Opt	Opt	Opt	Opt	Opt	Opt	Opt
Std	Std	Std	Std	Std	Std	Std
3500 psi	3500 psi	3500 psi	3500 psi	3500 psi	3500 psi	3500 psi
17.1 gpm (64.7 L/min.)	23.0 gpm (87.1 L/min.)	23.0 gpm (87.1 L/min.)	23.0 gpm (87.1 L/min.)	23.0 gpm (87.1 L/min.)	23.0 gpm (87.1 L/min.)	23.0 gpm (87.1 L/min.)
26.7 gpm (101.1 L/min.)	30.5 gpm (115.5 L/min.)	30.5 gpm (115.5 L/min.)	30.5 gpm (115.5 L/min.)	36.6 gpm (138.5 L/min.)	36.6 gpm (138.5 L/min.)	36.6 gpm (138.5 L/min.)
Std	Std	Std	Std	Std	Std	Std
h SJC Option (see attachment section for details)						Std
						Std

\*Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual Bobcat equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors.

# Specifications



	S70	S450	S550	S570	S590	S595
A	120.1 in. (3051 mm)	140.1 in. (3559 mm)	149.1 in. (3787 mm)	153.6 in. (3901 mm)	153.6 in. (3901 mm)	153.6 in. (3901 mm)
B	71.4 in. (1814 mm)	77.8 in. (1976 mm)	77.8 in. (1972 mm)			
C	25°	23°	24°	24°	24°	24°
D	5.5 in. (141 mm)	8.4 in. (213 mm)	7.3 in. (185 mm)			
E	28.4 in. (722 mm)	35.4 in. (899 mm)	42.6 in. (1082 mm)	42.6 in. (1082 mm)	42.6 in. (1082 mm)	42.6 in. (1082 mm)
F	75.6 in. (1925 mm)	98.4 in. (2499 mm)	104.6 in. (2657 mm)	104.6 in. (2657 mm)	104.6 in. (2657 mm)	104.6 in. (2657 mm)
G	97.3 in. (2472 mm)	124.9 in. (3173 mm)	133 in. (3378 mm)	133 in. (3378 mm)	133 in. (3378 mm)	133 in. (3378 mm)
H	25°	28°	30°	30°	30°	30°
I	76.1 in. (1934 mm)	84.9 in. (2166 mm)	86.8 in. (2205 mm)	91.3 in. (2319 mm)	91.3 in. (2319 mm)	91.3 in. (2319 mm)
J	15.8 in. (400 mm)	20.8 in. (528 mm)	17 in. (432 mm)	32.6 in. (828 mm)	32.6 in. (828 mm)	32.6 in. (828 mm)
K	94.5 in. (2399 mm)	109.5 in. (2781 mm)	114.5 in. (2908 mm)	119 in. (3023 mm)	119 in. (3023 mm)	119 in. (3023 mm)
L	34°	40°	42°	42°	42°	42°
M	97°	91°	97°	97°	97°	97°
N	36 in. (914 mm)	62 in. (1575 mm)	68 in. (1727 mm)			
O	58.7 in. (1491 mm)	76.4 in. (1941 mm)	80 in. (2032 mm)	79.7 in. (2024 mm)	79.7 in. (2024 mm)	79.7 in. (2024 mm)
P	29.6 in. (752 mm)	48.1 in. (1222 mm)	54.1 in. (1374 mm)	54.1 in. (1374 mm)	55.5 in. (1410 mm)	55.5 in. (1410 mm)
Q	35.5 in. (901 mm)	58.6 in. (1488 mm)	64.7 in. (1643 mm)	64.7 in. (1643 mm)	65.2 in. (1656 mm)	65.2 in. (1656 mm)

	S630	S650	S740	S770	S850	A770
A	155.5 in. (3950 mm)	158.5 in. (4026 mm)	166.6 in. (4232 mm)	166.6 in. (4232 mm)	178.6 in. (4536 mm)	166.6 in. (4232 mm)
B	81.3 in. (2065 mm)	83.4 in. (2118 mm)	81.3 in. (2065 mm)			
C	25°	25°	25°	25°	27°	25°
D	8.1 in. (207 mm)	9.4 in. (240 mm)	8.1 in. (207 mm)			
E	45.3 in. (1150 mm)	45.3 in. (1150 mm)	48.3 in. (1227 mm)	48.3 in. (1227 mm)	52.9 in. (1342 mm)	48.3 in. (1227 mm)
F	108.4 in. (2754 mm)	108.4 in. (2754 mm)	114.3 in. (2903 mm)	114.3 in. (2903 mm)	119.3 in. (3030 mm)	114.3 in. (2903 mm)
G	136.8 in. (3474 mm)	136.8 in. (3474 mm)	141.6 in. (3597 mm)	141.6 in. (3597 mm)	147.7 in. (3751 mm)	141.6 in. (3597 mm)
H	31°	31°	32°	32°	31°	32°
I	93.2 in. (2367 mm)	96.3 in. (2447 mm)	104.3 in. (2649 mm)	104.3 in. (2649 mm)	116.2 in. (2951 mm)	104.3 in. (2649 mm)
J	21.4 in. (544 mm)	31.5 in. (800 mm)	31.5 in. (800 mm)	31.5 in. (800 mm)	29.7 in. (754 mm)	31.5 in. (800 mm)
K	121 in. (3073 mm)	124 in. (3149 mm)	132 in. (3353 mm)	132 in. (3353 mm)	144 in. (3657 mm)	132 in. (3353 mm)
L	42°	42°	42°	42°	42°	42°
M	97°	97°	98°	98°	98°	98°
N	74 in. (1880 mm)	80 in. (2032 mm)	74 in. (1880 mm)			
O	83.4 in. (2119 mm)	82.9 in. (2106 mm)	85.8 in. (2179 mm)	85.8 in. (2179 mm)	89 in. (2262 mm)	85.8 in. (2179 mm)
P	59.3 in. (1507 mm)	65.1 in. (1652 mm)	61.9 in. (1507 mm)			
Q	72.1 in. (1832 mm)	79 in. (2005 mm)	74.7 in. (1832 mm)			



### PIONEERING MANEUVERABILITY

Bobcat introduced its first compact loader in 1958, and two years later, the world's first skid-steer loader. This created an entire industry of machines that put the power of large equipment in a compact size with unmatched maneuverability.

### OFFERING MORE VERSATILITY

In 1970, Bobcat invented the first quick-change attachment system for skid-steer loaders, known as the Bob-Tach mounting system. Today we offer more attachments than anyone in the world, empowering customers to transform all of our machines into multi-tasking attachment carriers and reach higher levels of production.

### ONE TOUGH ANIMAL®

All over the world, Bobcat equipment is known for being durable and dependable. By lasting longer and minimizing downtime, we help our customers become as successful as possible.

### HELP WHEN YOU NEED IT

With over 50 years of experience and more than 550 locations, we offer the best dealer network in the country for compact equipment. Our dealers offer a quality sales force, dependable parts departments and qualified service technicians, all leading to a quality customer experience.



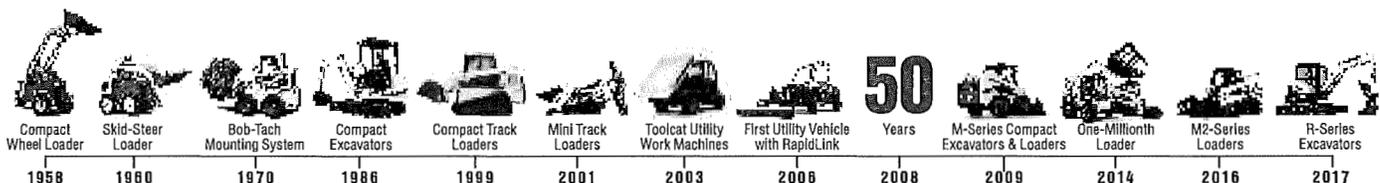
### A CONSTANT INNOVATOR

In the late 1950s, a turkey farmer needed help – so in 1958, we introduced what was to become the world's first skid-steer loader. We created an industry by listening to the needs of the customer. This focus is the same today. In 2000, a superintendent needed help – so we built the world's first Toolcat utility work machine. We continue to be a global leader in innovation by listening to our customers.

### LEADER BY DESIGN

Listening to the customer and a pioneering spirit are why Bobcat continues to lead the evolution of compact equipment ...

- 1960 – Invented the **FIRST** true skid-steer loader.
- 1970 – Invented the **FIRST** attachment mounting system for skid-steer loaders.
- 1977 – Built the **FIRST** skid-steer loader with no chain adjustments required. Still a Bobcat exclusive.
- 1981 – Introduced the **FIRST** secondary restraint seat bar.
- 1983 – The **FIRST** skid-steer loader with a transversely mounted engine. Still a Bobcat exclusive.
- 1990 – Introduced the **FIRST** compact excavator manufactured in the U.S.
- 1999 – Introduced the **FIRST** compact track loader with a solid-mounted undercarriage manufactured in the U.S.
- 2001 – Invented the **FIRST** loader with all-wheel steer and skid-steer capabilities. Still a Bobcat exclusive.
- 2003 – Revolutionized the way the world works with the invention of the Toolcat line, the world's **FIRST** utility work machines – a cross between a pickup, attachment carrier and utility vehicle. Still a Bobcat exclusive.
- 2006 – Introduced the **FIRST** utility vehicle with RapidLink™ attachment mounting system.
- 2008 – Roller Suspension, the **FIRST** all-steel suspension system, was introduced.
- 2009 – Launched M-Series compact excavators and loaders.
- 2011 – The M-Series loader models S850 and T870 became the largest and most powerful in our lineup.
- 2012 – Bobcat introduced two new sizes of extendable-arm excavator options that are both attachment and clamp-ready.
- 2013 – The M-Series 500 frame-size loaders replaced the popular S185 and T190 (among many others). This loader size is the most popular in the world and has been for two decades.
- 2014 – Bobcat launched the 400 frame-size loaders, completing the M-Series line; manufactured its one-millionth loader; introduced its own Tier 4, non-DPF engines; and opened the Bobcat Acceleration Center, a dedicated innovation, testing and technology facility.
- 2016 – Launch of the M2-Series loaders.
- Today – There are more Bobcat skid-steer loaders at work around the world than all other brands combined.
- Today – Bobcat manufactures more attachments than anyone in the world.
- Today – Bobcat is the only company that offers operator training kits for compact equipment.
- Today – Bobcat offers a full range of extendable-arm options, three sizes fitting five different excavator models.
- Today – Compact track loaders are rapidly becoming the product of choice in many market segments.
- Today – Launch of the R-Series excavators.



# BOBCAT TIMELINE



# THE LEADER IN VERSATILITY AND MANEUVERABILITY



Skid-Steer Loaders



Compact Track Loaders



All-Wheel Steer Loaders



Compact Excavators



Wheel Track Loaders



VersaHANDLER Telescopic Tool Carriers



Toolcat™ Utility Work Machines



Utility Vehicles



Attachments

NOTE - Where applicable, dimensions are in accordance with ISO standards. Specifications and design are subject to change without notice. Pictures of Bobcat units may show other than standard equipment. All dimensions are given for loader equipped with standard tires. All dimensions are shown in inches. Respective metric dimensions are enclosed by parentheses. Bobcat Company complies with the requirements of ISO 9001 as registered with BSI.



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**Bobcat**

**M2-Series  
Compact Track Loaders**

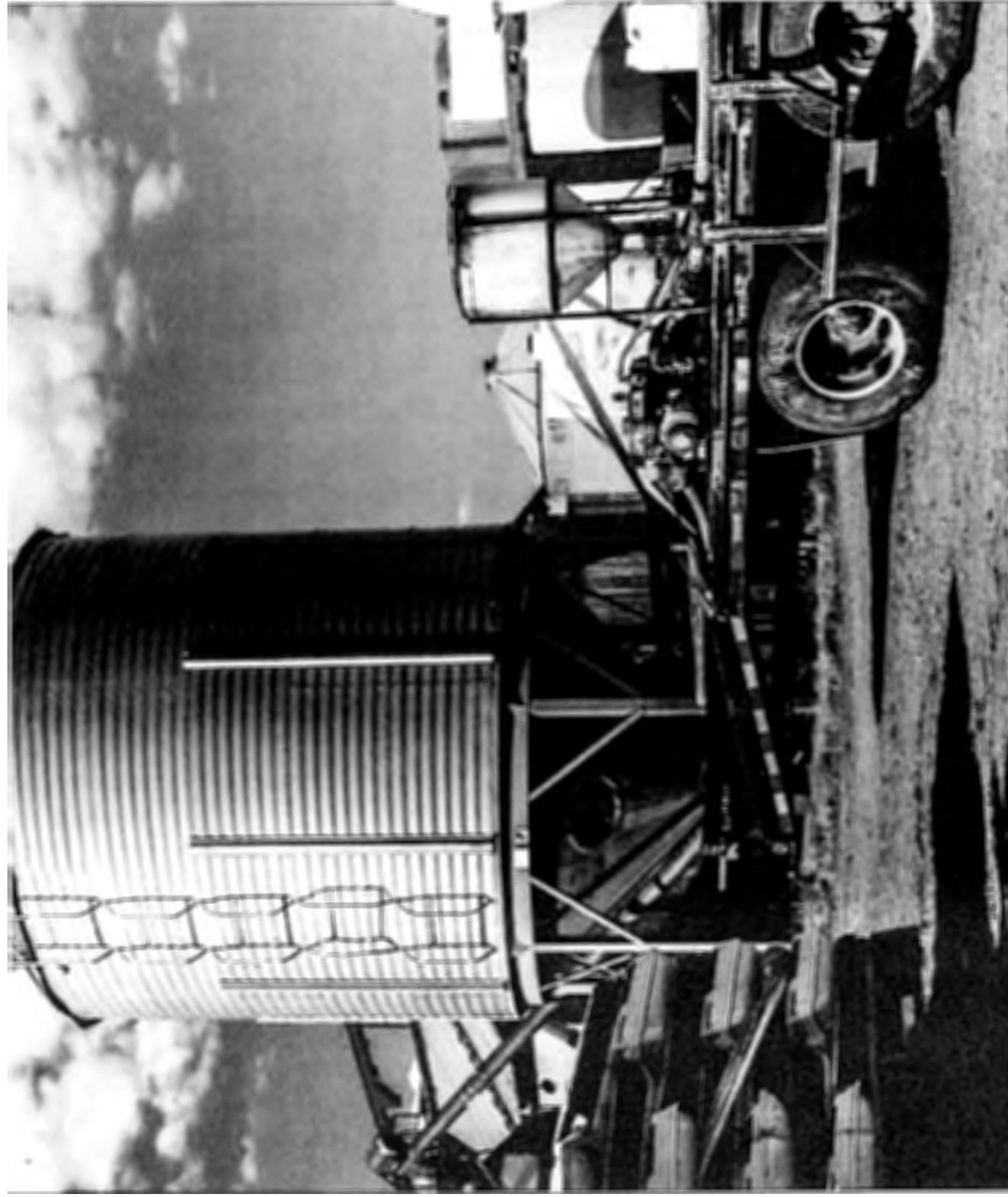


***One Tough Animal***



# Why Compact Track Loaders?

Since inventing the world's first true compact loader in 1958, Bobcat has constantly improved on its original concept: a tough, agile and versatile compact machine that can tackle an incredible number of jobs. Today, the innovation continues. The Bobcat® compact track loader features a superior design that outperforms other brands while maximizing your uptime and delivering unmatched comfort.



#### 5. Package - Smaller Package

Compact track loaders weigh more than skid-steer loaders of the same size. Thanks to tracks, that weight is spread out over a wider area for increased flotation, minimal ground disturbance, higher pushing force and better lifting of larger loads.

Heavy-duty construction, component protection and superior design with minimal moving parts increase the service life of your loader - no matter which undercarriage you choose.

#### 6. Superior Pushing Force

With more surface area in contact with the ground, direct-drive motors, and a perfect balance between machine weight and horsepower, the pushing force of Bobcat compact track loaders is second to none.

Compact track loaders have a low ground pressure that allows you to work more productively in soft, sandy, wet or muddy conditions. You could gain as much as two months of extra work per year. Get on the job a month sooner in the spring, and get off the job a month later in the fall.



High-flotation Bobcat compact track loaders minimize damage to lawns, natural terrain and other established surfaces for fewer profit-eating surface repairs.

Great performance doesn't only come from a high horsepower engine. Bobcat loaders use the machine's design and balance to deliver more usable horsepower. We build machines with the right balance between engine and pump, plus a weight distribution that delivers powerful breakout forces and faster cycle times. If you need to work quicker, lift more and outperform the competition, Bobcat compact track loaders are the only choice.



#### **Automatic Ride Control**

Automatic ride control detects when you're carrying material and cushions the load to reduce spillage and increase operator comfort. The system works at any speed. Operators can flip a switch to turn it off for tasks such as backdragging.

# Performance

#### **Faster Cycle Times**

Hydraulic pumps in Bobcat loaders are matched to cylinder size and loader lift capacity to provide fast cycle times that help you get the job done faster.



# SPEED

## **Move faster. Finish sooner.**

Now you'll spend less time traveling across a jobsite or between jobs. Move faster – and get the job done sooner – with 2-Speed travel for Bobcat compact track loaders. This time-saving feature boosts your top travel speed by as much as 57 percent.

### **Stronger Hydraulics**

The Bobcat engine, pump, horsepower and cubic-inch displacement are configured precisely for each model's specific operating capacity. Engine horsepower and hydraulic system performance are finely tuned to run circles around other machines.

### **Control in Your Hands**

With Bobcat compact track loaders, you can feel and control the loader's drive, engine torque and tractive effort — so you can push your machine to the limit without an engine anti-stall system robbing you of power when you need it the most.

### **Hydraulic Bucket Positioning**

Optional hydraulic bucket positioning keeps your bucket level when raising lift arms, reducing spillage and allowing you to work more efficiently.

### **Powerful Breakout Forces**

High-efficiency hydraulic pumps deliver more power matched to demand and provide better breakout forces.

### **More Torque**

Bobcat loaders reach maximum torque at a lower rpm to minimize stalling while saving time and fuel.



*Optional non-marking multi-bar lug rubber tracks won't leave black rubber marks on hard surfaces like concrete.*



## The Bobcat Undercarriage

The Bobcat compact track loader undercarriage delivers improved ride quality, tough construction and increased productivity.

### Improved Track Carriage Cleanout

The new, redesigned track-tensioning assembly allows for horizontal track tensioning, improving the cleanout area as a result. This tensioning housing features a beveled frame to shed material out of the undercarriage as the loader operates throughout the day.

### Better Ride Quality

A dual-flange front idler rides on rubber to dampen vibration from the ground. Wider rollers further reduce vibration and produce less wear on the track.

### Ground Clearance

Ground clearance has increased up to 27 percent to as much as 9.4 inches. Curb clearance has increased up to 30 percent to 10.8 inches on select models.

*Choose the solid-mounted undercarriage style that best fits the work you do.*



**Bobcat.**

# TRACK ADVANTAGE

Bobcat compact track loaders  
last longer in more demanding  
than any other track loader.

## Solid-Mounted Strength

The Roller Suspension™ system and standard track undercarriage are solid-mounted, with a fully enclosed design that protects components such as hoses and drive motors. Solid-mounted undercarriages have fewer moving parts, which reduces maintenance in addition to stabilizing the loader and work group.

environments



## Built Tougher

### Forged-Steel Rollers and Idlers

Steel idlers guide and support the track around the ends of the undercarriage. The dual-flange front idlers are wider, providing more contact with the tracks and enabling a smoother ride. They even absorb shock loads to provide better operator comfort. The idlers are also part of a simple system maintaining track tension. The forged steel is more durable than rubber and will not wear as easily or chunk out.

### Elevated Sprocket Design

Elevated sprockets shed mud and debris as you work and reduce wear.

### Exclusive Bobcat Tracks

Bobcat tracks provide the best combination of flotation and traction. Many available options allow you to select the track pattern that you need for the type of work you do.

### Embedded Steel

Tough steel braces guide and support the track when engaging the sprocket. Steel-reinforced rubber tracks, designed exclusively for Bobcat, include internal steel cables for added strength.

### Simple Maintenance

When it's time to adjust track tension, all it takes is a common grease gun. Idlers and rollers are permanently sealed and lubricated.

### Standard Tracks

A simple, strong undercarriage design that offers consistent grading performance and lasts longer than other track systems.

### Roller Suspension System

The Roller Suspension system provides a more comfortable ride without sacrificing durability. It's available as an option on most models.



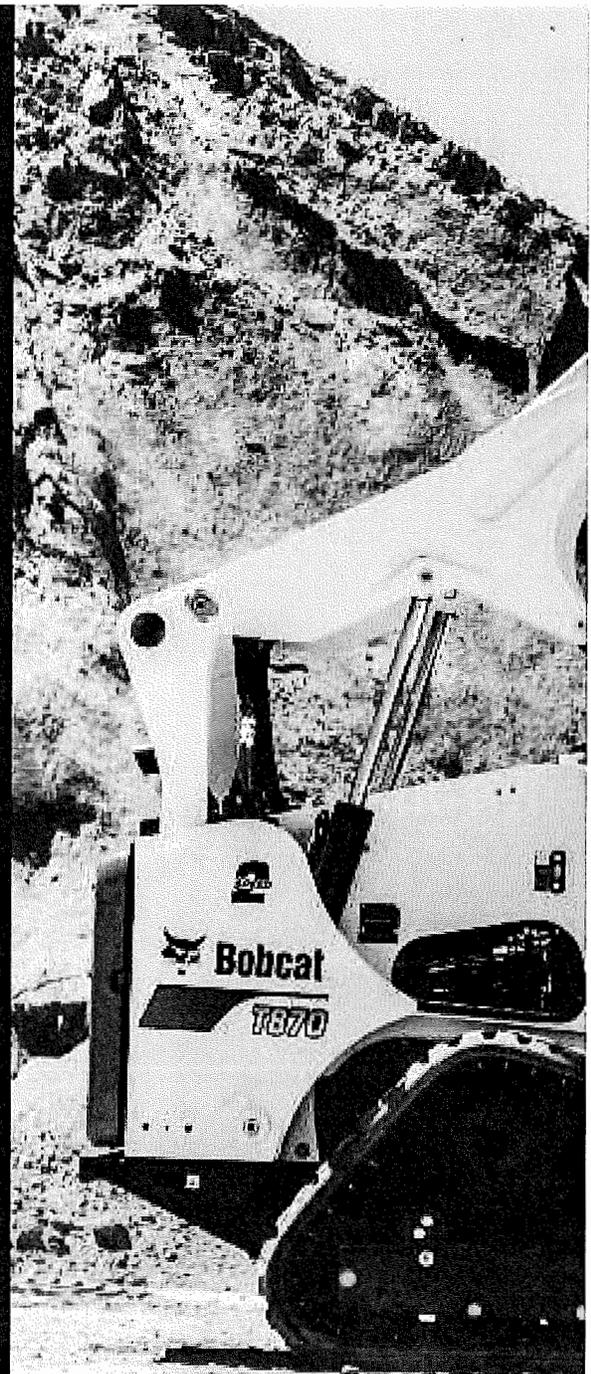
- Steel leaf springs provide additional comfort, yet they're strong enough to withstand tough conditions and minimize maintenance costs.
- Operate your loader in more conditions – even sand and pea rock.
- Experience a new level of comfort with reduced vibration and noise.

# NEW 5-Link Torsion Suspension Undercarriage

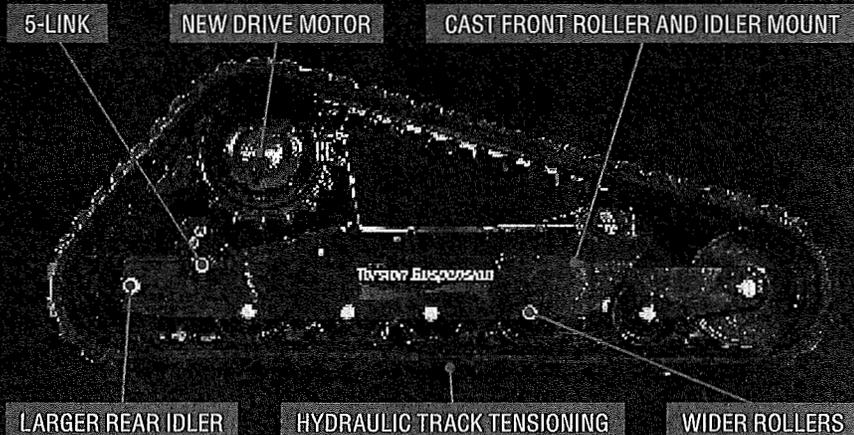
The 5-Link torsion suspension undercarriage, standard on the T870, brings a completely new undercarriage design to the Bobcat compact track loader family. Its torsion axles dampen vibration to provide a smoother ride that you can feel in the seat, floor and throughout the cab. Operators can enjoy a more comfortable, more relaxing environment in the cab without sacrificing work performance.

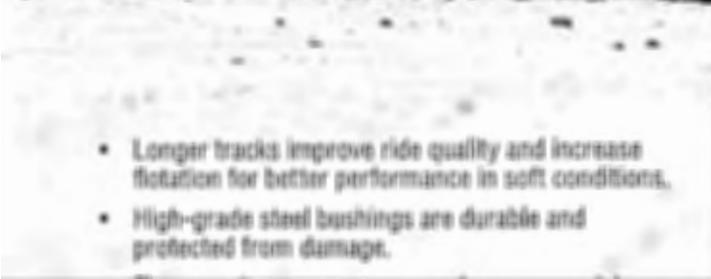
Like our other undercarriage designs, the 5-Link torsion suspension undercarriage delivers the durability you demand from Bobcat. It's not only built for tough jobs; it absorbs stress and vibrations to improve component life throughout the machine.

*Five Suspension Links Maximize Your Productivity*  
The 5-Link torsion suspension undercarriage features an extra link on the rear axle that provides additional stability when lifting a load high or when performing grading tasks. This productivity-saving innovation ensures there is no tradeoff between operator comfort and work performance.



**Other 5-Link  
Torsion  
Suspension  
Undercarriage  
Benefits**





- Longer tracks improve ride quality and increase flotation for better performance in soft conditions.
- High-grade steel bushings are durable and protected from damage.

- Five easy-to-access grease zerks ensure quick, simple greasing.
- Sloped design sheds material.
- More cleanout access helps remove mud and debris.
- Automatic hydraulic track tensioning ensures performance and protects against detracking.
- The 5-Link design is naturally quieter for reduced sound levels in the cab.

#### Cast Front Roller and Idler Mount

Bobcat undercarriages have a solid, cast front roller and idler mount design to eliminate welds and distribute stress across one seamless piece – adding strength precisely where it's needed most.

#### New Drive Motors

The new undercarriage drive motor is more reliable, and it's easier to maintain.

- Outer bearing is continuously lubricated from oil within the hydraulic system to maximize component life.
- Diameter of the drive shaft inside the gearbox is 15 percent larger to enhance durability.
- The outer cavity reservoir, housed within the new drive motor, can be flushed and filled easily with easy-to-use dual service ports.

#### Wider Rollers

More roller width maximizes contact with the tracks and minimizes wear for a smoother ride. Rollers – and the dual-flange front idler – ride on rubber to dampen vibration.

#### Larger Rear Idler

The larger circumference of the rear idler provides more surface area, which means less wear per rotation and increased overall component life. It also provides optimal contact with the track to maintain tension and protect against detracking. The rear idler location greatly increases downward force to the cutting edge of your bucket or attachment, and rolls easily over objects when in reverse, which is ideal for forestry jobsites or areas with lots of debris.

#### No Exposed Hoses

Hydraulic hoses are carefully routed and protected inside the undercarriage to reduce snags and impacts that cause downtime.

#### Heat-Treated Inner Bars

The self-contained axle system contains an inner bar surrounded by four rubber cords. The inner bar is heat-treated for maximum strength, increased longevity and more uptime.

#### Hydraulic Track Tensioning

The hydraulic track tensioning system minimizes the chance of loosening and detracking in tough working conditions.

#### The Bobcat T870: 5-Link Torsion Suspension Undercarriage, and More ROC

The T870's big rated operating capacity is even bigger, with a 3.5 percent increase from 3,525 pounds to 3,650 pounds. Now, the highest-lifting loader on the market can handle heavier loads, tackle bigger jobs and increase productivity with every lift cycle.

# Smart Cooling



The Bobcat Smart cooling system makes use of dual-path cooling and an exclusive SmartFAN.

## Quieter Operation

The hydraulically powered SmartFAN senses engine temperature and only turns as fast as needed, reducing sound levels and providing excellent protection from overheating.

## Protected Cooling Location

The Bobcat radiator and hydraulic oil cooler are well protected between the frame uprights, above the engine. This also leaves the rear of the engine freely accessible for maintenance checks.

## More Efficient Cooling

Designed to provide excellent cooling for M2-Series loaders, the patented dual path cooling system draws cool, clean air from above, pulls warm air out of the engine compartment and forces it out two side vents, directing hot air away from the operator.

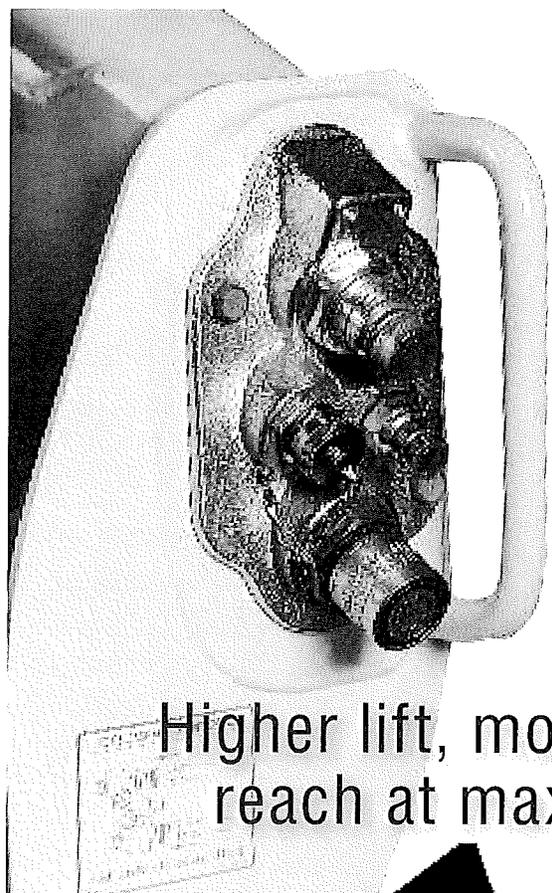
## Optional Reversible Fan

Reduce maintenance and downtime while increasing productivity in dirty, dusty conditions. The reversible fan increases uptime by purging debris from the rear screen. Auto mode reverses airflow automatically, and operator-controlled purge mode gives you the ability to reverse the fan at any time.



Effective cooling  
in extreme conditions





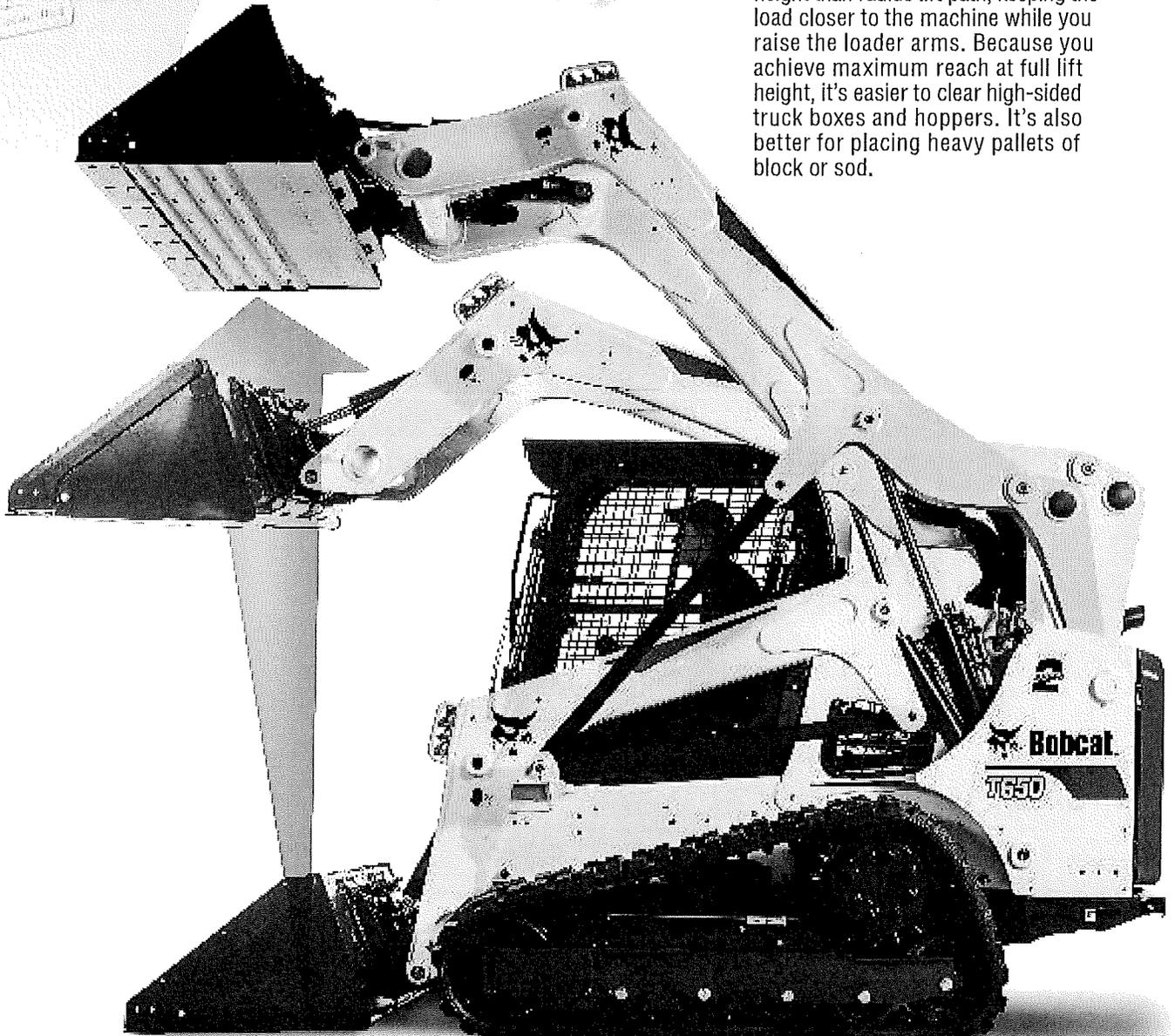
# Superior Lift Arms

Your loader arms should remain rigid when you move with a load, and hydraulic hoses should be protected from the hazards of a jobsite. Bobcat knows this better than anyone. Our durable, patented lift-arm design and a choice of lift path help you meet the unique demands of your job.

Higher lift, more capacity and reach at maximum height

## Vertical Lift Path

A vertical lift path provides higher lift capacity and more reach at full lift height than radius lift path, keeping the load closer to the machine while you raise the loader arms. Because you achieve maximum reach at full lift height, it's easier to clear high-sided truck boxes and hoppers. It's also better for placing heavy pallets of block or sod.



### Job-Matched Lift Arms

A vertical lift path and radius lift path each have their advantages. Bobcat builds both styles to match the work you do.

### Hydraulically Cushioned Cylinders

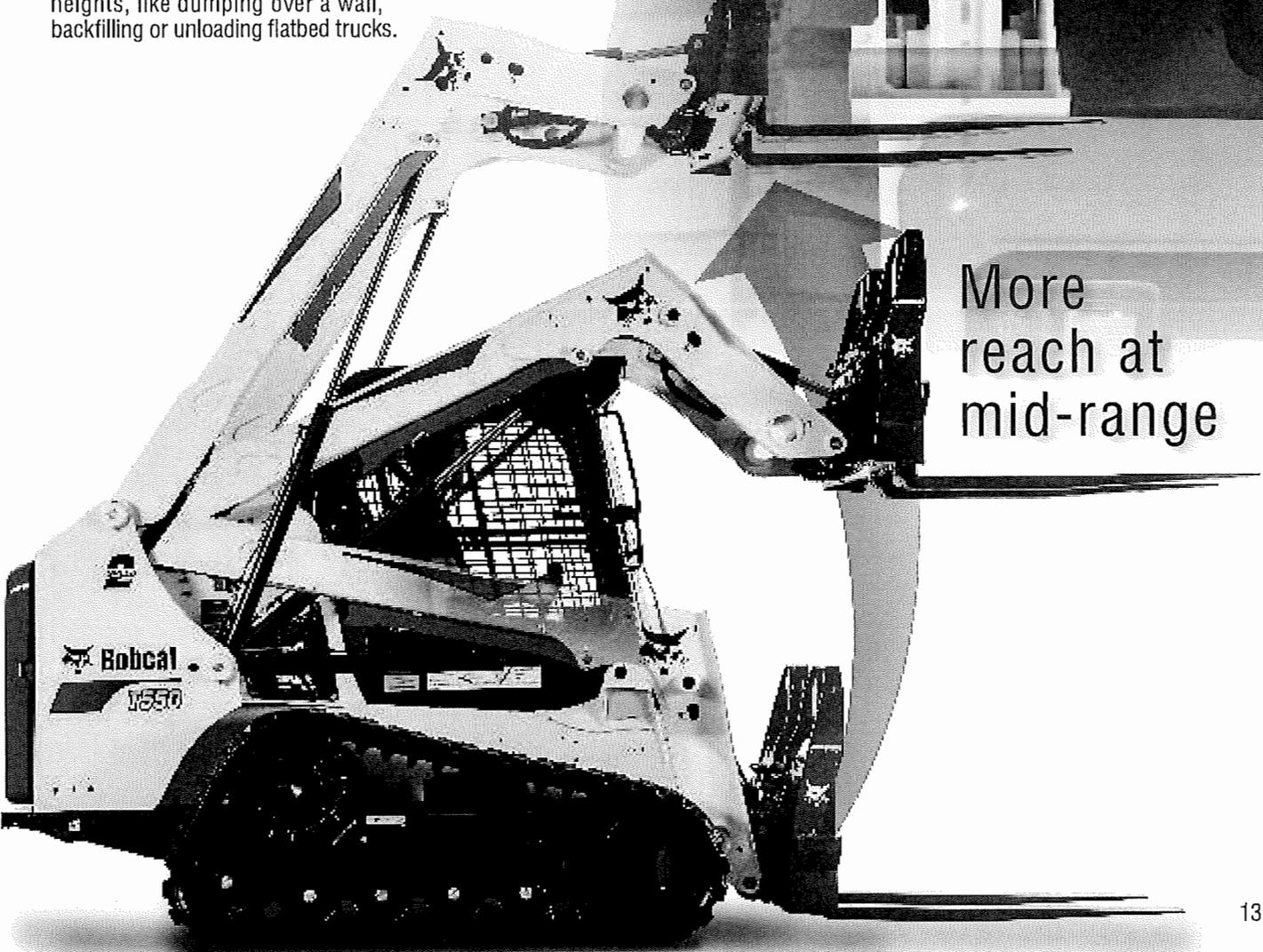
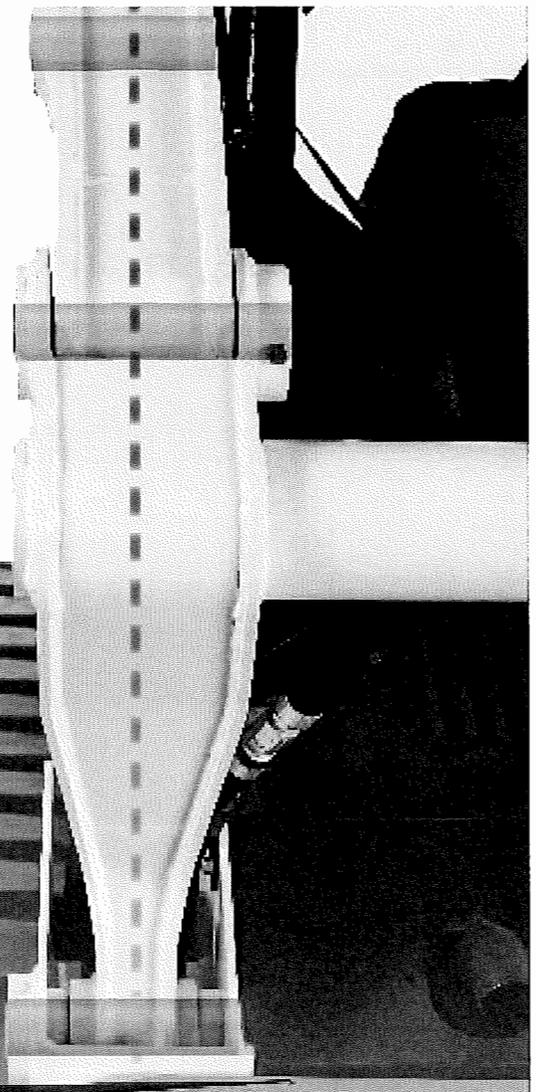
Smooth, quick Bobcat lift cylinders softly lower the lift arms back to their original position on the loader frame. This occurs automatically with every lift cycle to reduce noise and increase comfort during operation.

## Radius Lift Path

A radius lift path provides maximum reach at truck bed height. Arm movement forms an arc. More than 80 percent of that arc delivers better reach at truck bed height. A radius lift path excels in jobs at mid-range heights, like dumping over a wall, backfilling or unloading flatbed trucks.

### Single-Plane Design

Every pin and connecting point on Bobcat lift arms are part of a single-plane design. Side-to-side movement is minimized, resulting in less wear and longer life. It also helps prevent unwanted spillage of material.

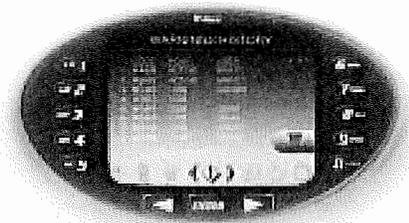


More reach at mid-range

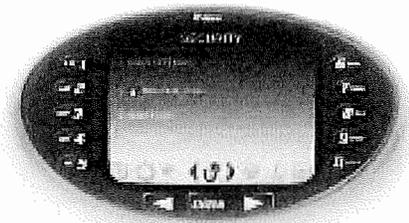


# Deluxe Instrumentation

The deluxe instrument panel offers you even more functionality. The 5-inch, full-color LCD screen enables monitoring of and interaction with your machine. The system can even provide information about machine performance in English, Spanish and five other languages.



**Activity Monitor** Check machine usage by operator with the job clock feature.



**Functional Lockouts** Protect your investment from misuse or accidental use by locking out certain functions such as high-flow hydraulics and 2-Speed travel.

## Password-Protected Keyless Start

Eliminate downtime due to lost keys. Remove the risk of spare keys in the pockets of current or former employees. Reduce the chance of theft or unauthorized use. You might even reduce your insurance premiums.

## Attachment Operation

Deluxe instrumentation features a viewable job clock for certain attachments and the ability to make adjustments to laser-guided attachments without stepping out of the cab. You can even monitor certain attachment functions on-screen.

## Diagnostics

The easy-to-read, backlit display panel monitors 14 major loader functions and provides troubleshooting suggestions to help solve a potential problem, which helps maximize your uptime.

## Other Deluxe Instrument Features

Digital time clock, user job clock, statistics for overall job and individual operators, resettable hour meter, attachment controls, help menu, and multiple password settings give you added convenience and more control over your machine.

M2-Series deluxe instrument panel is pictured here. See your dealer for details.



## Theft Protection

According to the National Insurance Crime Bureau, \$3 million in compact equipment is lost each day to thieves. Compact loaders are one of the most stolen pieces of compact equipment in the world.

Reduce the risk of loss due to theft or unauthorized use with the optional password-protected Bobcat deluxe instrument panel and up to eight custom keyless start codes. It may even qualify your business for reduced insurance premiums.

## Optional Keyless Panel

If you're not ready for the robust functionality of deluxe instrumentation, but you'd like the convenience of keyless start with the added security of an owner-defined numeric code, choose the optional security panel upgrade.



## Comfort Cab

Bobcat has always led the industry in cab comfort. The M2-Series cab design is the best, most comfortable cab we've ever built.

### Vibration-Reducing Cab Isolation

With front-mount rubber bushings that are 32 percent larger and rear-mount bushings that are 180 percent larger than previous generation loaders, the operator experience is better than ever.

### Pressurizing Front Door Seal

A tight door seal increases cab pressurization to repel dust and keep clean, heated or air-conditioned air inside.

### Dial Hand Throttle

Adjust your engine speed quickly and easily.

### Seat-Mounted Joysticks

On loaders with Selectable Joystick Control (SJC), the joysticks are mounted to the seat. As your suspension seat moves up and down, the joysticks move with the seat for added comfort while operating.

### Improved Seat Adjustment

The adjustable seat features 2 additional inches of forward or aft movement to accommodate different-sized operators.

### Large Entry

On machines with enclosed cabs, large swing-open doors provide ample room for exit and entry.

### More Room

Our stronger, narrower loader arms make a wider cab possible, with up to 20 percent more interior space than competitors, keeping you comfortable.



### Heat and Air Conditioning

Because our AC units are integrated into the machine, there is no bulky add-on unit to obstruct your visibility. Automotive-style vents allow you to point your air where you need it for greater comfort in all weather conditions.

### Ample Storage

Storage bins are located throughout the interior. You can store items wherever it's convenient – on your right or on your left.

### Convenient Engine Speed Control

The engine speed control is within easy reach on the right-hand corner post of the cab.

### Fingertip Controls

Fingertip controls make your attachment comfortable to operate, easy to control and simple to adjust while driving. Dual-direction detent allows hydraulic flow to be engaged continuously, in either direction, without holding a switch. Variable hydraulic flow allows you to slowly move cylinders when working with a grapple or combination bucket, or crank it up to maximum flow to quickly shake dirt from an auger bit.



### 12-Volt Power Accessory

Your cab is your office. That's why Bobcat installed a 12-volt power accessory for charging your mobile phone and other devices.



**Easy-Pull, Easy-Lock Secure Side Window**  
Simply pull the window knob to slide the side window to five lockable positions. The window stays exactly where you want it to get consistent air flow.

### Heated Cloth Air-Ride Seats

Upholstered in comfortable, breathable cloth and equipped with operator-controlled heat for warmth in cold weather, the seat provides the ultimate in comfort. The air-ride seat adjusts to your weight, helping you smooth out the bumps on your jobsite and increasing your comfort.



Side Lighting Kit

Mounted above the right and left side windows, these low-profile, 800-lumen-rated LED lights make operation more productive at all hours.

### Radio-Capable

Order your loader with a stereo to enhance your operation experience. The radio features an auxiliary audio input jack that is ready for a mobile phone or other device.

### Other Comfort Cab Features

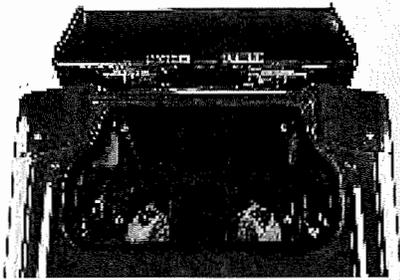
- High-output halogen lights for low-light operation
- Adjustable foot pedals

Availability of some comfort features varies by model and configuration. See your dealer for details.



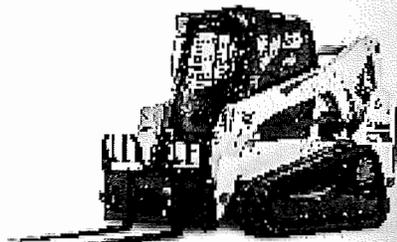
# Leading Visibility

Leading all-around visibility is central to the design of the cab on Bobcat loaders. This provides a big advantage when loading a truck or using attachments.



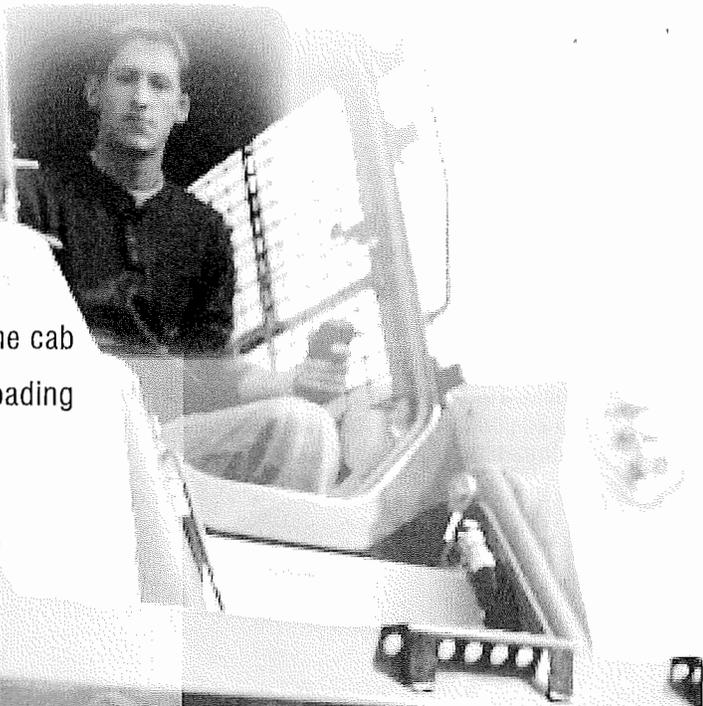
## Increased Top Visibility

A top window with 34 percent more viewing area gives you an unbeatable view when raising a load above the cab, such as loading trucks or stacking materials.



## Cab-Forward Design

The cab-forward design moves the operating area closer to the attachment, giving you a better vantage point to see your work.

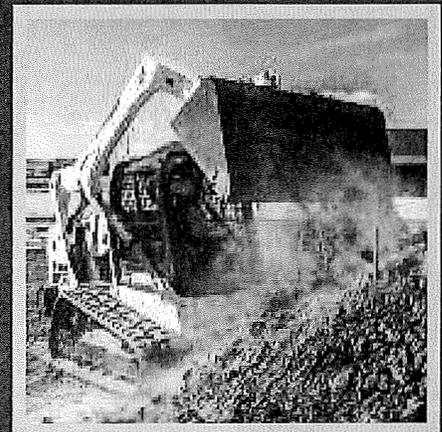


## Front Visibility

Comfortably see your work from the seat through a single, curved pane of glass that delivers as much as 50 percent more glass surface area than other manufacturers. Powerful lighting gives you a great view for night operation.

# Pressurized Cab

Dirt, dust, mud and debris are part of your routine. Bobcat enclosed cabs have a best-in-class pressurized interior space for cleaner, more comfortable operators. A newly redesigned front door seal allows for even greater cab pressurization in M2-Series loaders; it keeps dust out and heat or air-conditioning in.





## **Rear Visibility**

The cab-forward design doesn't affect rear visibility. The large rear window and angle of the back of the loader provide a great view behind the tailgate.

*All-around visibility is central to the design of the cab on Bobcat loaders.*

## **Side Visibility**

In the Bobcat cab, you can see the tracks without having to lift your loader arms, increasing your performance in tight areas, such as grading next to a building or backing onto a trailer.

*The innovative Bobcat door design includes a one-piece seal. Plus, the unique curved door pocket provides the best possible seal against dust, dirt and debris.*

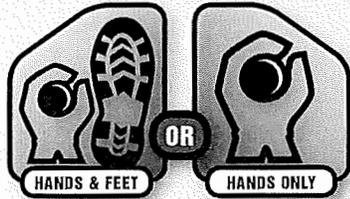
# Choice Controls

Bobcat offers all of the common control patterns found on compact loaders today – and it's the only brand that allows you to choose your preference at the flip of a switch. It's the largest selection of control possibilities in the industry.



## Bobcat Standard Controls

With Bobcat standard controls, each steering lever controls each drive side independently, while dual foot pedals control the loader lift and tilt. It's still the most popular control style.



## Advanced Control System (ACS)

ACS offers your choice of two control styles in one machine. By pressing a switch, you can use traditional Bobcat standard controls or "H" pattern hand controls, where the left lever controls the left drive and lift, while the right lever controls the right drive and tilt.



## Selectable Joystick Control (SJC)

Selectable Joystick Control offers low-effort hand control of all machine work group functions. "ISO" or "H" patterns can be easily activated by a dash-mounted rocker switch inside the cab.



## Remote Control

With remote control operation, you control your loader without having to be in the cab. This is a smart solution for hot, dusty environments or on jobs where you'd rather be outside the machine. Completely portable, and designed for the worst working environments, the radio remote control system is installed or removed in minutes for easy use with multiple machines.



# BOBCAT SELECTABLE JOYSTICK CONTROL

## SJC provides big performance advantages:

### Drive Response Mode

Drive response mode allows you to choose how the drive responds to joystick movement. Whether you like a more gradual response, quick, instant feedback, or something in-between, three different settings put you in control.



**Low-Effort Pump (600 & 700 Platforms)**

Reduces the lever forces required to move your machine with standard controls or ACS, yet maintains the precision and maneuverability you've come to expect. Operators experience less fatigue and enhanced productivity.

*These low-effort joysticks are loaded with Bobcat-exclusive features that increase your productivity.*

#### Speed Management

A Bobcat exclusive. Simply "dial in" your required travel speed in small increments to match speed to your operation requirements and maximize attachment performance. Speed management gives you a full range of joystick motion at a slower speed, giving you precise control of machine movements while maintaining maximum driveline torque and full hydraulic power.

#### Steering Drift Compensation

Steering drift compensation keeps you on a straight path by helping you make minor adjustments to the steering. It's beneficial when you side-shift certain attachments, such as planers or trenchers, as this will tend to pull the machine to one side. You can also use it while driving on surfaces that cause the loader to gradually drift left or right, such as crowned roads. Make fine steering adjustments to either side and stay on target.

#### Horsepower Management

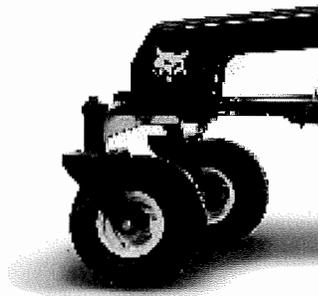
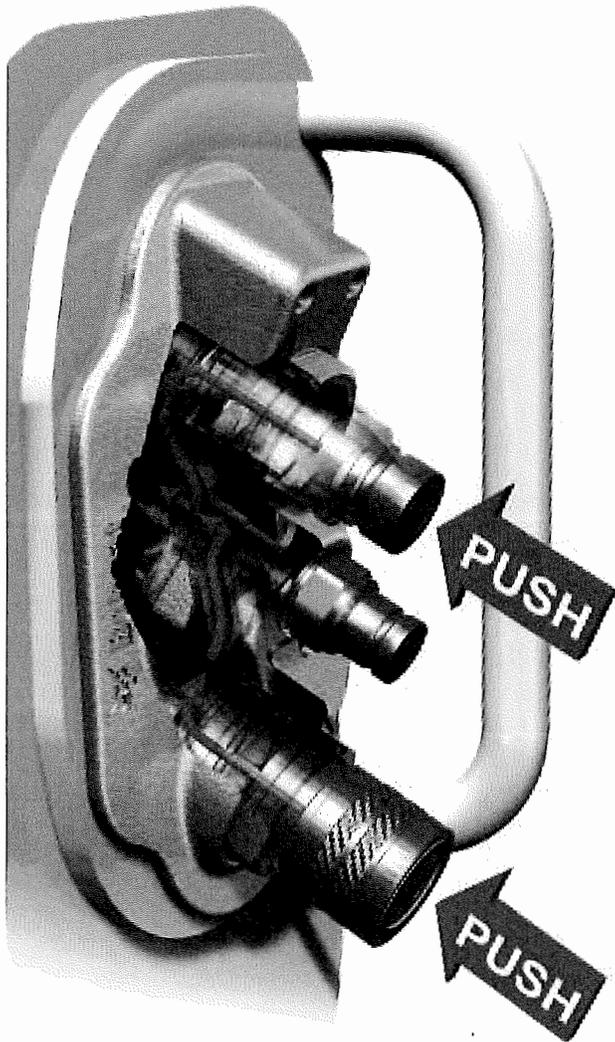
Bobcat horsepower management automatically adjusts the loader drive system to maximize pushing and digging power while minimizing your chance of stalling. Unlike other anti-stall systems, Bobcat horsepower management lets the operator obtain maximum engine and drive torque to match the toughest digging conditions. If you prefer to work without it, simply disengage with the push of a button.



Bobcat loaders have your business expansion built right in. An auger, breaker or one of more than 70 attachments will go a long way to save you time and labor. Whether it's breaking concrete, taking down buildings or drilling tree holes, Bobcat attachments help you take on new jobs and get more use from your machine. They're vertically integrated with your Bobcat loader's electronics, hydraulics and geometry, and they're designed with visibility and ease of entry and exit in mind.

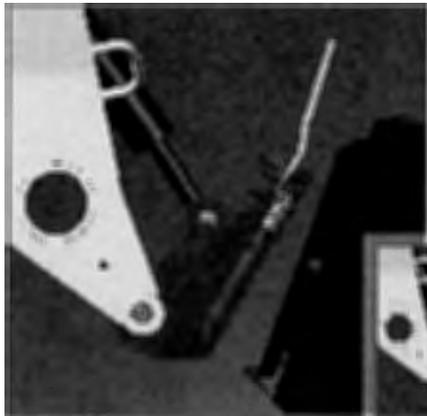
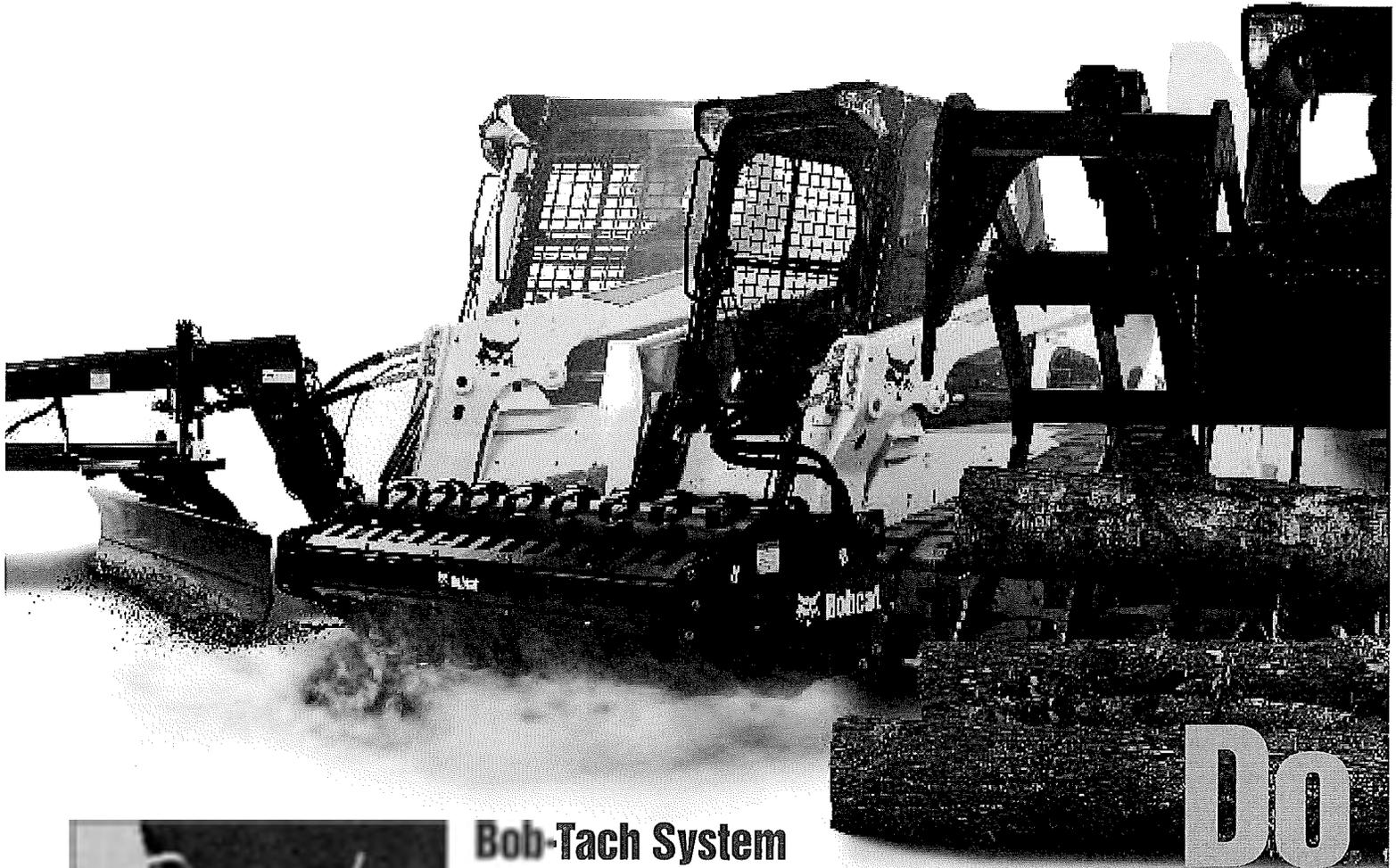
## Quick Couplers

Trapped line pressure can make attachment changes anything but quick. So Bobcat loaders come with quick couplers to release trapped pressure. By pushing the coupler inward, hydraulic oil is released through a return line back into the machine. The result is a clean, quick attachment change every time.



## Attachment Control Kit

Several attachments require control of more than one function. Our small, seven-pin attachment harness activates power and fingertip control functions while eliminating the need for mechanical relays used on other loaders. It's fully integrated with your Bobcat loader for a clean look and protected routing.



## Bob-Tach System

Change attachments in less than a minute with the Bob-Tach® mounting system. Replace a bucket with a pallet fork, landscape rake, auger, grapple and more, while keeping a tight attachment fit every time.

# Do more



than  
dig.

### Power Bob-Tach System

With the Power Bob-Tach system, you can change non-hydraulic attachments without leaving the comfort of your cab. Just line up the attachment and press the switch.



#### **Deluxe Instrumentation Hour Clock**

With the deluxe instrument panel, you can monitor the number of hours on each attachment.



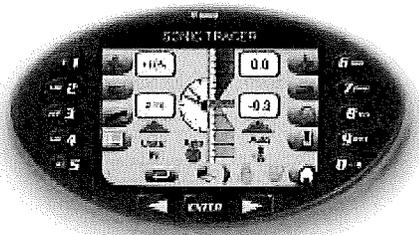
#### **Laser Positioning**

For laser-controlled attachments, deluxe instrumentation provides real-time, in-cab attachment position monitoring and adjustment.



#### **Tree Spade Control**

With deluxe instrumentation, you can monitor active blades and gates, change auto-dig and easy-dig settings, and monitor the number of trees dug in a day.



#### **Sonic Tracer/Slope Sensor**

The sonic tracer/slope sensor kit enables operators to create an accurate cross-slope or precisely grade when laser receivers and transmitters are limited by jobsite obstacles or the grade needed does not follow a plane.



#### **High-Flow Hydraulics**

Optional high-flow hydraulics provide a big power boost for better production with attachments. Certain attachments, such as the flail cutter, trencher, planer and stump grinder, get maximum performance from high-flow hydraulics.

#### **Superior Attachment Availability**

Bobcat dealers specialize in compact equipment – so they are much more likely to stock or rent attachments that other equipment retailers don't even have. You'll be able to buy or rent the attachments you need.

#### **Multi-Carrier Versatility**

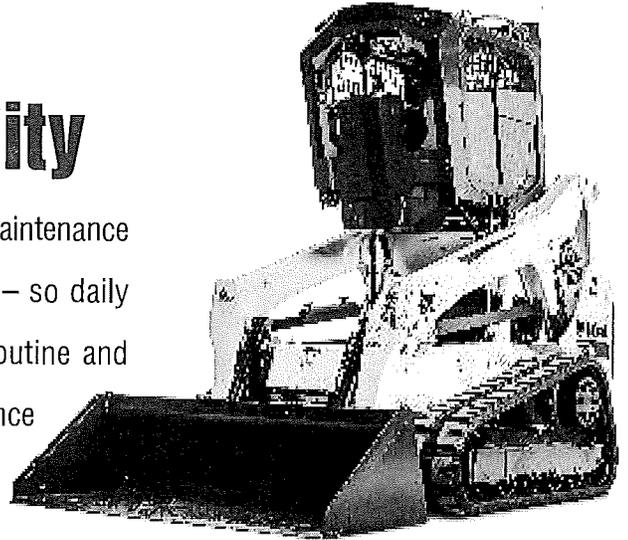
Get more versatility and profitability for your dollar. Several Bobcat attachments can be used across carriers. For example, a Model 15C auger can be shared with an all-wheel steer loader, skid-steer loader, compact track loader, compact excavator, Toolcat™ utility work machine and VersaHANDLER® telescopic tool carrier.

#### **Attachment Support**

The attachment is as important as your machine. If you buy an attachment off the internet or at a discount store, who is going to service it, provide parts and complete your warranty? Bobcat Company supports its attachments better than anyone. We are your one-stop shop for your attachment parts, service, finance and warranty.

# Panoramic Serviceability

Bobcat loaders are designed to provide the fastest, easiest maintenance in the industry. Engine checkpoints are within easy reach – so daily maintenance actually gets done. Unparalleled access to routine and long-term maintenance points makes preventative maintenance simple, reducing your operating costs and adding to your bottom line.



## Full-Access Serviceability

Our large, swing-open tailgate provides convenient access to routine maintenance points. There are no radiators to move, lift arms to raise or lift-arm support devices to install.

## Protective Tailgate

The one-piece, 1/4-inch steel tailgate door protects loader components from jobsite hazards.

## Tip-Up Cab

For non-routine service, simply remove two nuts and tip back the cab to access hydraulic and hydrostatic components in minutes.

# Tier 4 Solutions

When Tier 4 emissions standards required every equipment manufacturer to make equipment changes, Bobcat designed a non-DPF Tier 4 solution that also delivers new features and provides more performance to customers.

*Go to [Bobcat.com/Tier4Engine](http://Bobcat.com/Tier4Engine) to learn more about the Bobcat engine features and performance improvements.*

## More Torque

Higher combustion pressures generate more torque. Bobcat engines have a robust combustion chamber that handles more pressure and produces more torque than ever before, meaning better performance for pushing, digging, lifting and operating attachments.

## A Wider Range of Power

Bobcat engines generate the most torque across a much wider rpm range than other engines. Our engines can stay in the peak torque range longer,

maximizing your performance. Operators of every skill level can better utilize full engine performance to get more work done.

## Simple, State-of-the-Art and Non-DPF

The biggest advantage of our Tier 4 solution is simplicity. Bobcat engines meet Tier 4 regulations without a diesel particulate filter (DPF). This reduces downtime that occurs with DPF regeneration and long-term DPF maintenance costs. That allows operators to focus on working,

## Other Bobcat Engine Advantages:

**Improved Machine Shutdown Protection**  
Monitors coolant and oil temperatures and prevents them from reaching a critical point of shutdown.

**Cold Weather Engine Protection**  
Protects your machine from working too hard before the engine is properly warmed up.

**Lower Operating Costs and Reduced Noise**  
An auto-idle function on SJC-equipped machines reduces noise levels.

# Precision Grading

Compact loaders are commonly used for grading, and Bobcat does grading better than any other brand. Bobcat manufactures the most productive box blade and grader attachments in the industry, but we don't stop there. Bobcat loaders give you access to exclusive technology that increases your grading efficiency while saving material and labor.

## Accuracy Within 1/8-Inch

Sonic and laser-guided grading systems offer you unbeatable precision that amplifies your profit potential by cutting thousands in material and labor from the job. Bobcat precision grading equipment often pays for itself with just one or two big jobs.

## Laser-Guided Grading

Your Bobcat loader and the attachment make adjustments automatically, saving you hours of time and thousands in labor and material. Depending on the attachment and transmitter, the laser-guided grading system can grade a flat-plane, single-slope or dual-slope surface.

# 3D-Ready System

## Sonic Tracer/Slope Sensor Control

The sonic tracer/slope sensor kit enables operators to create an accurate cross-slope or precisely grade when laser receivers and transmitters are limited by jobsite obstacles or the grade needed does not follow a plane.

## Deluxe Instrument Panel

Deluxe instrumentation enables operators to set the parameters of the grading system and get real-time information during operation –

such as distance-to-target for both elevation and slope – without the need for a separate control box inside the cab. Expand your capabilities and increase your efficiency with the industry's first 3D-ready system for compact equipment. Using the plug-and-play system, you'll save time, fuel and money with millimeter accuracy.

Using GPS or UTS, the system has the ability to complete complex design projects including parking lots, sports fields and road work.

# Uptime Protection



## Machine Shutdown Protection

Bobcat loaders come standard with automatic shutdown that monitors engine and hydraulic functions. The system alerts the operator and actually shuts the machine down – lessening the chance of damage to the engine or hydraulic components.

## Self-Diagnostics

On-board diagnostics efficiently troubleshoot problems in the field and, in many cases, prevent them from occurring in the first place. Downloadable machine performance history cuts a huge chunk out of the time needed to identify problems and correct them.

## Battery Run-Down Protection

The lighting circuit automatically shuts down to prevent accidental battery discharge.

## Electronic Protection

Bobcat electronics meet or exceed military IP67 requirements for sealing, moisture, shock and vibration. You can work in harsh conditions, or power wash your loader without having to worry if it will start when you are finished. Bobcat electronics feature more watertight, corrosion-resistant connectors than other manufacturers – so you don't slow down from faulty connections.

## Protected Hoses and Quick Couplers

The integrated, pressure-release quick couplers are mounted directly into the front plate of the lift arm – with no exposed hoses to damage. A steel guard extends beyond the coupler, protecting it even further.



*If you want to push your productivity to new heights, pair your loader with a Bobcat excavator.*

#### **Ultimate Equipment Combination**

Whether you are replacing a small crawler dozer or your backhoe, nothing beats the versatility and speed of a Bobcat compact track loader working in tandem with a Bobcat compact excavator.

#### **Versatility**

Dozers can do only one thing. Backhoes offer just a few attachments. The compact track loader and excavator can use up to 60 different attachments, giving you access to more jobs.

#### **Unmatched Performance of Tracks**

Besides eliminating downtime you experience with a backhoe from flat tires, tracks have low ground pressures for excellent flotation in soft or muddy conditions. That means less rework. Push more and push it faster with the efficiency of tracks.

#### **Compact Efficiency**

Compact excavators are designed for long periods of excavating. The compact size allows use in confined areas like backyards and inside buildings. And with the operator's offset position in the cab, there is better visibility to the bucket.

#### **Better Spoil Placement**

Excavators offer unlimited spoil dumping options with 360 degrees of rotation. You can also dig in any position around the machine.

#### **More Efficiency Saves You Money**

You can only accomplish one thing at a time with a backhoe. When you combine a Bobcat compact track loader with a compact excavator, you can double your productivity. One can dig while the other can backfill or load trucks at the same time.



Bobcat

Bobcat Loaders

Bobcat Excavators

# A Perfect Combination.

*Bobcat gives you more. More models. More options. More versatility.*



T160



T590



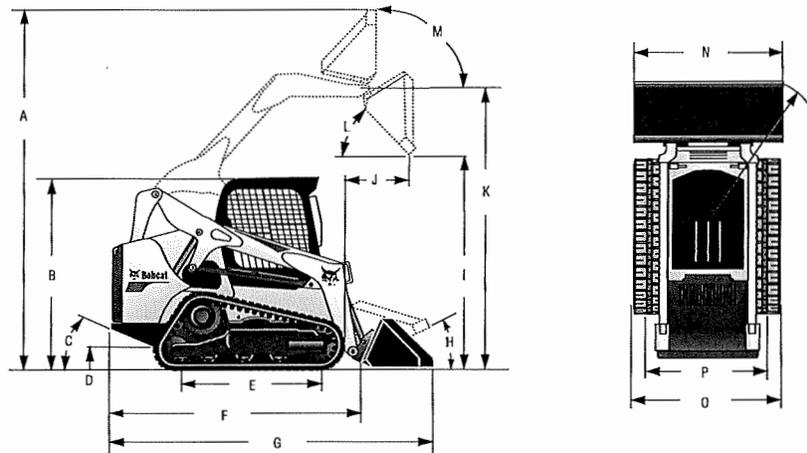
T770

# Specifications and Features Compact Track Loaders



	T450	T550	T590	T595
<b>Loader Series</b>	M2-Series	M2-Series	M2-Series	M2-Series
<b>Rated Operating Capacity (ROC) (35% of tipping load)</b>	1400 lb. (635 kg)	1995 lb. (905 kg)	2100 lb. (953 kg)	2200 lb. (998 kg)
<b>ROC with Counterweight (optional)</b>	●			Counterweight kits are available to
<b>Operating Capacity (50% of tipping load)</b>	2000 lb. (907 kg)	2850 lb. (1293 kg)	3000 lb. (1361 kg)	3142 lb. (1425 kg)
<b>Tipping Load</b>	4000 lb. (1814 kg)	5700 lb. (2585 kg)	6000 lb. (2722 kg)	6285 lb. (2851 kg)
<b>ROC with Optional Roller Suspension</b>	—	1895 lb. (860 kg)	1950 lb. (885 kg)	2050 lb. (930 kg)
<b>Height to Hinge Pin</b>	109.5 in. (2781 mm)	114.5 in. (2908 mm)	119.0 in. (3023 mm)	119.0 in. (3023 mm)
<b>Lift Arm Path</b>	Radius	Radius	Vertical	Vertical
<b>Size and Speed</b>				
<b>Operating Weight</b>	6148 lb. (2789 kg)	7557 lb. (3428 kg)	7822 lb. (3548 kg)	8055 lb. (3654 kg)
<b>Bucket Width</b>	56 in. (1422 mm)	68 in. (1727 mm)	68 in. (1727 mm)	68 in. (1727 mm)
<b>Cab Height</b>	77.8 in. (1972 mm)	77.8 in. (1972 mm)	77.8 in. (1972 mm)	77.8 in. (1972 mm)
<b>Travel Speed – Single Speed</b>	7.3 mph (11.7 km/hr.)	7.1 mph (11.4 km/hr.)	7.1 mph (11.4 km/hr.)	7.1 mph (11.4 km/hr.)
<b>Travel Speed – High Range (optional 2-Speed travel)</b>	11.0 mph (17.7 km/hr.)	10.4 mph (16.7 km/hr.)	10.4 mph (16.7 km/hr.)	10.4 mph (16.7 km/hr.)
<b>Engine</b>				
<b>Horsepower</b>	Tier 4 61 hp	Tier 4 66 hp	Tier 4 66 hp	Tier 4 74 hp
<b>Type</b>	Turbo Diesel	Turbo Diesel	Turbo Diesel	Turbo Diesel
<b>Fuel Tank Capacity</b>	17.3 gal. (65.5 L)	36.5 gal. (138.2 L)	36.5 gal. (138.2 L)	36.5 gal. (138.2 L)
<b>Horsepower Management</b>	●			Included with SJC Option
<b>Diesel Particulate Filter (DPF) Requirement</b>	No	No	No	No
<b>Diesel Exhaust Fluid (DEF)</b>	No	No	No	No
<b>Uptime Protection</b>				
<b>Bobcat SmartFAN</b>	Std	Std	Std	Std
<b>Cooling System</b>	Std	Std	Std	Std
<b>Machine Shutdown Protection</b>	Std	Std	Std	Std
<b>Tracks/Undercarriage</b>				
<b>Track Width – Standard</b>	11.8 in. (300 mm)	12.6 in. (320 mm)	12.6 in. (320 mm)	12.6 in. (320 mm)
<b>Track Width – Optional</b>	—	15.75 in. (400 mm)	15.75 in. (400 mm)	15.75 in. (400 mm)
<b>Ground Pressure (with standard tracks)</b>	4.7 psi (0.032 MPa)	4.9 psi (0.03 MPa)	5.1 psi (0.04 MPa)	5.1 psi (0.04 MPa)
<b>Ground Pressure (with optional tracks)</b>	—	4.0 psi (0.03 MPa)	4.1 psi (0.03 MPa)	4.1 psi (0.03 MPa)
<b>Length of Track on Ground</b>	50.2 in. (1275 mm)	54.1 in. (1374 mm)	54.1 in. (1374 mm)	54.1 in. (1374 mm)
<b>Roller Suspension</b>	—	Opt	Opt	Opt
<b>5-Link Torsion Suspension Undercarriage</b>	—	—	—	—
<b>Grease Cylinder Track Tensioning</b>	Std	Std	Std	Std
<b>Hydraulic Track Tensioning</b>	—	—	—	—
<b>Roller Per Side</b>	3 (Triple Flange)	4 (Triple Flange)	4 (Triple Flange)	4 (Triple Flange)
<b>Control Options</b>				
<b>Bobcat Standard (Foot Pedals/Steering Levers)</b>	Std	Std	Std	Std
<b>Advanced Control System (ACS)</b>	Opt	Opt	Opt	Opt
<b>Selectable Joystick Control (SJC)</b>	Opt	Opt	Opt	Opt
<b>Radio Remote Control (SJC required)</b>	Opt	Opt	Opt	Opt
<b>Standard Control Power Assist</b>	—	—	—	—
<b>Machine Features</b>				
<b>2-Speed Travel</b>	Opt	Opt	Opt	Opt
<b>Heated Cloth Air-Ride Seat</b>	Opt	Opt	Opt	Opt
<b>Back-Up Alarm and Horn</b>	Std	Std	Std	Std
<b>Bobcat Interlock Control System (BICS™)</b>	Std	Std	Std	Std
<b>Cab with Heat</b>	Opt	Opt	Opt	Opt
<b>Cab with Heat and Air Conditioning</b>	Opt	Opt	Opt	Opt
<b>Deluxe Instrumentation (includes keyless start)</b>	Opt	Opt	Opt	Opt
<b>Hydraulic Bucket Positioning</b>	Opt	Opt	Opt	Opt
<b>Mechanical Suspension Seat</b>	Std	Std	Std	Std
<b>Front and Rear Work Lights</b>	Std	Std	Std	Std
<b>Radio</b>	Opt	Opt	Opt	Opt
<b>Reversing Fan</b>	Opt	Opt	Opt	Opt
<b>Ride Control</b>	Opt	Opt	Opt	Opt
<b>ROPS/FOPS Approved Cab Structure</b>	Std	Std	Std	Std
<b>Side Lighting Kit</b>	—	Opt	Opt	Opt
<b>Sound Reduction Package</b>	Opt	Opt	Opt	Opt
<b>Features for Attachments</b>				
<b>Attachment Control Kit</b>	Opt	Opt	Opt	Opt
<b>Bob-Tach Mounting System</b>	Std	Std	Std	Std
<b>Power Bob-Tach System</b>	Opt	Opt	Opt	Opt
<b>Fingertip Auxiliary Hydraulics Control</b>	Std	Std	Std	Std
<b>Hydraulic System Pressure</b>	3300 psi (22.75 MPa)	3500 psi (24.1 MPa)	3500 psi (24.1 MPa)	3500 psi (24.1 MPa)
<b>Hydraulic Standard Flow</b>	16.7 gpm (63.2 L/min.)	17.1 gpm (64.7 L/min.)	17.1 gpm (64.7 L/min.)	17.1 gpm (64.7 L/min.)
<b>Hydraulic High Flow (optional)</b>	—	26.7 gpm (101.1 L/min.)	26.7 gpm (101.1 L/min.)	26.7 gpm (101.1 L/min.)
<b>Pressure Release Hydraulic Quick Couplers</b>	Std	Std	Std	Std
<b>Speed Management</b>	●			Included with SJC Option





	T450	T550	T590	T595	T630
A	141.9 in. (3604 mm)	149.1 in. (3787 mm)	153.6 in. (3901 mm)	153.6 in. (3901 mm)	155.5 in. (3950 mm)
B	77.8 in. (1972 mm)	81.3 in. (2065 mm)			
C	28°	27.8°	28.8°	28.8°	31°
D	8.4 in. (213 mm)	7.4 in. (188 mm)	7.4 in. (188 mm)	7.4 in. (188 mm)	8.1 in. (206 mm)
E	50.2 in. (1275 mm)	55.2 in. (1402 mm)	55.2 in. (1402 mm)	55.2 in. (1402 mm)	59 in. (1499 mm)
F	98.4 in. (2499 mm)	104.6 in. (2657 mm)	104.6 in. (2657 mm)	104.6 in. (2657 mm)	108.4 in. (2753 mm)
G	126.6 in. (3216 mm)	133 in. (3378 mm)	133 in. (3378 mm)	133 in. (3378 mm)	136.8 in. (3474 mm)
H	28°	30°	30°	30°	31°
I	83.8 in. (2199 mm)	86.8 in. (2205 mm)	91.3 in. (2319 mm)	91.3 in. (2319 mm)	93.2 in. (2367 mm)
J	23.5 in. (597 mm)	19.3 in. (490 mm)	34.9 in. (887 mm)	34.9 in. (887 mm)	24.1 in. (613 mm)
K	109.5 in. (2781 mm)	114.5 in. (2908 mm)	119 in. (3023 mm)	119 in. (3023 mm)	121 in. (3073 mm)
L	40°	42°	42°	42°	42°
M	91°	97°	97°	97°	97°
N	56.0 in. (1422 mm)	68 in. (1727 mm)	68 in. (1727 mm)	68 in. (1727 mm)	74 in. (1880 mm)
O	77.9 in. (1979 mm)	80 in. (2032 mm)	80 in. (2032 mm)	80 in. (2032 mm)	88.1 in. (2238 mm)
P	43.2 in. (1097 mm)	54.4 in. (1382 mm)	54.4 in. (1382 mm)	54.4 in. (1382 mm)	60.3 in. (1532 mm)
Q	55.0 in. (1397 mm)	67 in. (1702 mm)	67 in. (1702 mm)	67 in. (1702 mm)	72.9 in. (1851 mm)

	T650	T740	T770	T870
A	158.5 in. (4026 mm)	166.6 in. (4232 mm)	166.6 in. (4232 mm)	184.6 in. (4689 mm)
B	81.3 in. (2065 mm)	81.3 in. (2065 mm)	81.3 in. (2065 mm)	83.6 in. (2123 mm)
C	31°	31°	31°	33°
D	8.1 in. (206 mm)	8.1 in. (206 mm)	8.1 in. (206 mm)	9.8 in. (249 mm)
E	59 in. (1499 mm)	63.7 in. (1618 mm)	63.7 in. (1618 mm)	70.2 in. (1783 mm)
F	108.4 in. (2753 mm)	114.3 in. (2903 mm)	114.3 in. (2903 mm)	119.3 in. (3030 mm)
G	136.8 in. (3474 mm)	141.6 in. (3597 mm)	141.6 in. (3597 mm)	153.9 in. (3910 mm)
H	31°	32°	32°	30°
I	96.3 in. (2447 mm)	104.3 in. (2649 mm)	104.3 in. (2649 mm)	107.4 in. (2728 mm)
J	34.2 in. (870 mm)	33.6 in. (853 mm)	33.6 in. (853 mm)	36.5 in. (927 mm)
K	124 in. (3149 mm)	132 in. (3353 mm)	132 in. (3353 mm)	144 in. (3657 mm)
L	42°	42°	42°	37°
M	97°	98°	98°	98°
N	74 in. (1880 mm)	80 in. (2032 mm)	80 in. (2032 mm)	84.8 in. (2153 mm)
O	87.7 in. (2228 mm)	88 in. (2235 mm)	88 in. (2235 mm)	99 in. (2514 mm)
P	60.3 in. (1532 mm)	60.3 in. (1532 mm)	60.3 in. (1532 mm)	65.1 in. (1654 mm)
Q	72.9 in. (1851 mm)	78 in. (1981 mm)	78 in. (1981 mm)	82.8 in. (2103 mm)



### Training Resources

Train operators and technicians in the safe operation and servicing of Bobcat equipment. Operator training courses, safety videos and other training materials are available at your Bobcat dealer's parts department or online at [Bobcat.com/training](http://Bobcat.com/training)

\*Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual Bobcat equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors.



### PIONEERING MANEUVERABILITY

Bobcat introduced its first compact loader in 1958, and two years later, the world's first skid-steer loader. This created an entire industry of machines that put the power of large equipment in a compact size with unmatched maneuverability.

### OFFERING MORE VERSATILITY

In 1970, Bobcat invented the first quick-change attachment system for skid-steer loaders, known as the Bob-Tach mounting system. Today we offer more attachments than anyone in the world, empowering customers to transform all of our machines into multi-tasking attachment carriers and reach higher levels of production.

### ONE TOUGH ANIMAL®

All over the world, Bobcat equipment is known for being durable and dependable. By lasting longer and minimizing downtime, we help our customers become as successful as possible.

### HELP WHEN YOU NEED IT

With over 50 years of experience and more than 550 locations, we offer the best dealer network in the country for compact equipment. Our dealers offer a quality sales force, dependable parts departments and qualified service technicians, all leading to a quality customer experience.



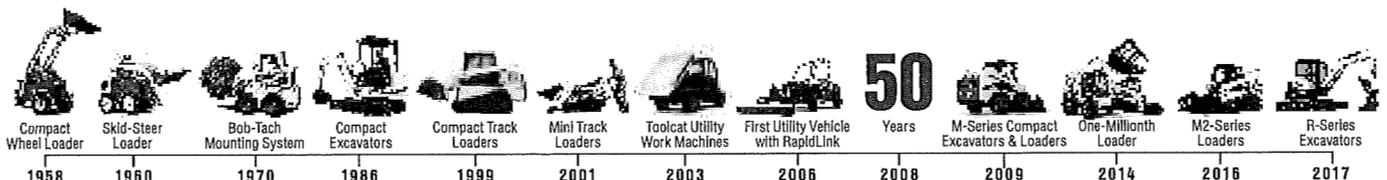
### A CONSTANT INNOVATOR

In the late 1950s, a turkey farmer needed help – so in 1958, we introduced what was to become the world's first skid-steer loader. We created an industry by listening to the needs of the customer. This focus is the same today. In 2000, a superintendent needed help – so we built the world's first Toolcat utility work machine. We continue to be a global leader in innovation by listening to our customers.

### LEADER BY DESIGN

Listening to the customer and a pioneering spirit are why Bobcat continues to lead the evolution of compact equipment ...

- 1960 – Invented the **FIRST** true skid-steer loader.
- 1970 – Invented the **FIRST** attachment mounting system for skid-steer loaders.
- 1977 – Built the **FIRST** skid-steer loader with no chain adjustments required. Still a Bobcat exclusive.
- 1981 – Introduced the **FIRST** secondary restraint seat bar.
- 1983 – The **FIRST** skid-steer loader with a transversely mounted engine. Still a Bobcat exclusive.
- 1990 – Introduced the **FIRST** compact excavator manufactured in the U.S.
- 1999 – Introduced the **FIRST** compact track loader with a solid-mounted undercarriage manufactured in the U.S.
- 2001 – Invented the **FIRST** loader with all-wheel steer and skid-steer capabilities. Still a Bobcat exclusive.
- 2003 – Revolutionized the way the world works with the invention of the Toolcat line, the world's **FIRST** utility work machines – a cross between a pickup, attachment carrier and utility vehicle. Still a Bobcat exclusive.
- 2006 – Introduced the **FIRST** utility vehicle with RapidLink™ attachment mounting system.
- 2008 – Roller Suspension, the **FIRST** all-steel suspension system, was introduced.
- 2009 – Launched M-Series compact excavators and loaders.
- 2011 – The M-Series loader models S850 and T870 became the largest and most powerful in our lineup.
- 2012 – Bobcat introduced two new sizes of extendable-arm excavator options that are both attachment and clamp-ready.
- 2013 – The M-Series 500 frame-size loaders replaced the popular S185 and T190 (among many others). This loader size is the most popular in the world and has been for two decades.
- 2014 – Bobcat launched the 400 frame-size loaders, completing the M-Series line; manufactured its one-millionth loader; introduced its own Tier 4, non-DPF engines; and opened the Bobcat Acceleration Center, a dedicated innovation, testing and technology facility.
- 2016 – Launch of the M2-Series loaders.
- Today – There are more Bobcat skid-steer loaders at work around the world than all other brands combined.
- Today – Bobcat manufactures more attachments than anyone in the world.
- Today – Bobcat is the only company that offers operator training kits for compact equipment.
- Today – Bobcat offers a full range of extendable-arm options, three sizes fitting five different excavator models.
- Today – Compact track loaders are rapidly becoming the product of choice in many market segments.
- Today – Launch of the R-Series excavators.



# BOBCAT TIMELINE



# THE LEADER IN VERSATILITY AND MANEUVERABILITY



Skid-Steer Loaders



Compact Track Loaders



All-Wheel Steer Loaders



Compact Excavators



Wheel Track Loaders



VersaHANDLER Telescopic Tool Carriers



Bobcat™ Utility Work Machines



Utility Vehicles



Attachments

NOTE - Where applicable, dimensions are in accordance with ISO standards. Specifications and design are subject to change without notice. Pictures of Bobcat units may show other than standard equipment. All dimensions are given for loader equipped with standard tires. All dimensions are shown in inches. Respective metric dimensions are enclosed by parentheses. Bobcat Company complies with the requirements of ISO 9001 as registered with BSI.



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B-1959 (09/18)

**Bobcat Company**  
P.O. Box 6000 • West Fargo, ND 58078  
**Bobcat.com**  
Printed in U.S.A.



**Bobcat.**

*One Tough Animal.*

Kn-16M-0918-59336-19-F



## Factory-Installed Optional Equipment

### Bobcat Company offers you options for controlling loader hydraulic functions:

- **Standard Mechanical Foot Pedals**
- **Optional Selectable Joystick Controls (SJC)**  
ISO Pattern Controls  
H-Pattern Controls
- **Optional Advanced Control System (ACS)**  
Advanced Hand Controls  
Advanced Foot Controls

### Selectable Joystick Controls

State-of-the-art, low-effort Selectable Joystick Controls (SJC) have a natural feel and are easy on the operator. SJC provides more comfort with less fatigue, allowing the operator to work longer and more productively.

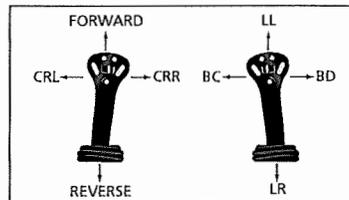
“Selectable” refers to two different patterns controlled by the joysticks: ISO Pattern and H-Pattern.

#### Electronic Joysticks

Electronic joysticks provide flexibility in acceleration and deceleration for optimum loader performance. They also allow two control patterns in one machine by simply pressing a rocker switch.

#### When operating the loader in ISO Pattern:

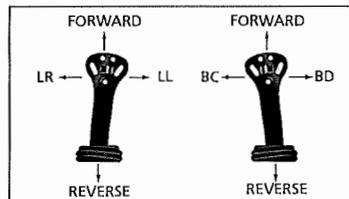
The left joystick controls drive functions while the right joystick controls lift and tilt functions.



CRR = Counter-rotate to the right  
CRL = Counter-rotate to the left  
LR = Lift arms raise  
LL = Lift arms lower  
BC = Bucket curl  
BD = Bucket dump

#### When operating the loader in H-Pattern:

Fore-and-aft movement of the left joystick controls the loader's left-side drive, while side-to-side movement controls lift. Fore-and-aft movement of the right joystick controls the loader's right-side drive; side-to-side movement controls tilt (similar to the Advanced Control System option when in the hand-control mode).



LR = Lift arms raise  
LL = Lift arms lower  
BC = Bucket curl  
BD = Bucket dump

## Standard Equipment

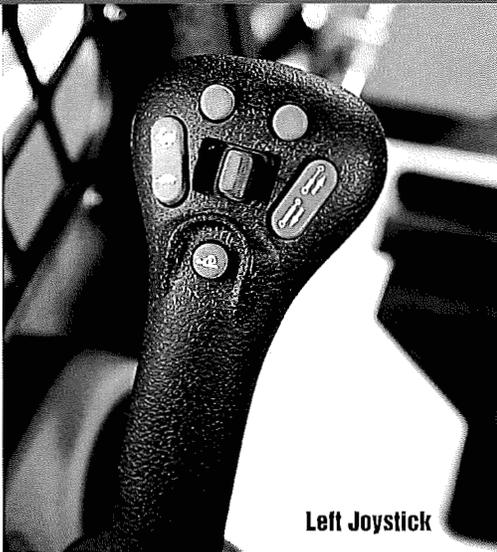


### Standard Mechanical Foot Pedals

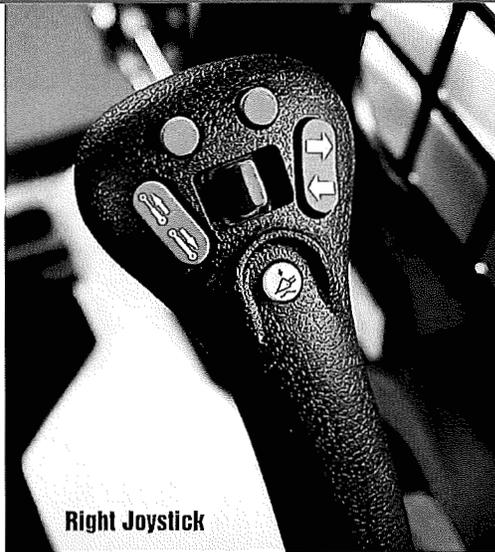
Simply put your feet on the pedals and keep them there any time you operate the loader. The pedals control the hydraulic lift and tilt functions. “Float” is activated by toeing the left pedal into a detent position.

Select your work pattern for greater efficiency, less fatigue.



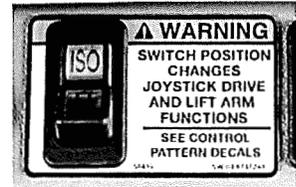


Left Joystick



Right Joystick

## SELECTABLE JOYSTICKS R/C READY



Bobcat joysticks are state-of-the-art, providing ease of operation with little effort.

## Selectable Joystick Controls offer unique functions to increase efficiency:

### Horsepower Management

The Selectable Joystick Control system automatically adjusts the loader's drive system for maximum pushing and digging power. Some competing systems limit drive torque, allowing the engine to keep running but significantly reducing the loader's pushing power. However, the Bobcat® horsepower management system lets the operator obtain maximum engine and drive torque to match the toughest working conditions.

### Hand Engine Speed Control with Accelerator Foot Pedal

While the Hand Engine Speed Control lever may be set at specific throttle positions, the foot pedal control can increase engine speed on demand, as needed. The foot pedal allows operators to run the engine at a slower speed to save fuel or reduce noise. It also lets the operator increase engine rpm when more power or speed is required.

### Drive Response

Drive Response changes how responsive (more or less) the loader's drive and steering systems are when the operator moves the joystick(s). Drive Response can be changed by the operator for different drive response preferences and various



Selectable Joystick Controls give you everything at your fingertips, including Speed Management that allows you to do delicate work with heavy loads.

job conditions and attachment use. Changes to drive response do not affect braking or stopping the loader.

### Speed Management

Speed Management (bottom button on the left joystick) permits the loader to be maneuvered at slower travel speeds. When Speed Management is engaged, the machine will travel at 57% of standard travel speed. Travel speed can be increased to 99% or decreased to 1% of standard travel speed. Operators can save adjustment time and match the demands of specific applications by changing the factory default Speed Management setting of 57% to any setting between 1 and 99%. Full joystick movement can be used while the machine's speed is reduced for more efficient digging and pushing, as well as easier loading, unloading, working in tight spaces, and attachment hookup.

### Multiple Fingertip Functions

Bobcat joysticks permit fingertip control of many functions, including:

- Normal- and high-range travel speed (if loader is so equipped).
- Auxiliary hydraulic functions.
- Optional horn and turn signals.
- Speed Management.
- Lift-arm float control.

### Operator-Friendly Controls

Good equipment operators are hard to find. Comfort is an important factor in keeping operators happily employed – and a comfortable operator is a more productive operator. Bobcat loaders equipped with Selectable Joystick Controls help satisfy the needs of operators and the demands of the job in today's changing marketplace.



# Bobcat® Hydraulic Control Options

## Factory-Installed Optional Equipment

### Advanced Control System

**With ACS, you can have the right loader for many operators — and many jobs!**

The Bobcat Advanced Control System (ACS) lets loader operators use a dash-mounted switch to instantly select between advanced hand control or advanced foot control of lift and tilt functions.

ACS is designed to accommodate more loader operators! Whether operators prefer to control lift and tilt functions by hand or by foot, ACS gives them an instant choice at the flip of a switch. Here's the opportunity for fleet owners to give operators the machine controls they prefer.

- Select advanced hand or advanced foot control at the flip of a switch.
- Accommodate operator preference.
- Easier to hire operators regardless of control preference.
- Save on inventory – use one machine instead of two.



*In the "float" position, the lift arms follow the contour of the terrain when leveling and back-dragging.*

### Advanced Hand Controls

The handles on each steering lever pivot 15 degrees right and left for easy operation and less operator fatigue. The left handle controls the lift arms. Move it left to raise the lift arms and right to lower. The right handle controls attachment tilt. Move it right to dump a bucket or tilt an attachment forward. Move it left to curl the attachment back.

#### Put more control in the palm of your hand with Bobcat Advanced Hand Controls!

- Total hand-controlled hydraulics.
- Easy operation.
- Sensitive, precise control of all loader functions.
- Two comfortable hand positions.
- Less operator fatigue.
- Electronic components are double-sealed against extreme temperature and humidity.
- Integrated safety features.

### Advanced Foot Controls

- Total foot-controlled hydraulics.
- All-electronic system.
- Easy operation.
- Sensitive, precise control of all loader functions.
- Electronic components are double-sealed against extreme temperature and humidity.
- Integrated safety features.



Bobcat Hydraulic Control options are on these carrier models:

#### Skid-Steer Loaders:

S130  
S150  
S160  
S175  
S185  
S205  
S220  
S250  
S300  
S330

#### Compact Track Loaders:

T140  
T180  
T190  
T250  
T300  
T320

**Bobcat Company**  
P.O. Box 6000 • West Fargo, ND 58078  
[www.bobcat.com](http://www.bobcat.com)



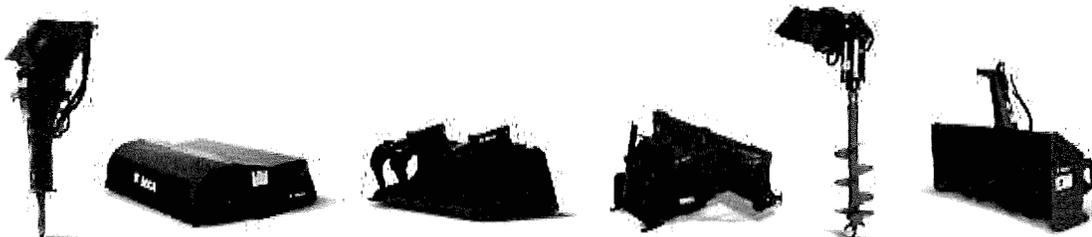
**Bobcat®**



2018 - 2019  
ATTACHMENT  
CATALOG



# SELECTION OF ATTACHMENTS



LOOK INSIDE FOR  
**80+**  
genuine Bobcat®  
attachments

## NOBODY MAKES MORE. NOBODY MAKES THEM BETTER.



### Follow Us. We're the Leading Attachment Manufacturer.

Whether you're a contractor or a rental company, you know your Bobcat equipment should be able to do it all. That's why Bobcat is the leading attachment manufacturer in the world. We have more than 100 different attachments for every Bobcat model, and we're constantly adding new ones.

#### MEETING YOUR NEEDS

Bobcat has the capabilities of your Bobcat carrier, the attachments and equipment you require, the fuel and energy to do the job. Many attachments can be used on multiple carriers, increasing your versatility.

#### SUPERIOR DESIGN

The engineering team inside the Bobcat attachment world has created performance after years with Bobcat machines. They're the standard because Bobcat designs a heavy-duty and high-capacity attachment for every Bobcat model.

#### DOWN TO EARTH

Bobcat carriers provide easy and intuitive operation, and the attachments offer longevity, safety, efficiency, adaptability and more. Bobcat's reputation for service and parts from the world's leading skid steer operator. Smart solutions make your machine and attachment work together to do the job. That's why Bobcat is the world's leading skid steer attachment manufacturer.

#### ADVANCED BY A GOOD-OLDE WORKMATE

The world's most trusted skid steer, Bobcat gives you a lot of power and versatility at an unbeatable attachment. We have helped the industry and continuously as it advances technology and built them with the best skid steer carrier and support.

#### WALK THROUGH WITH STYLISH AND BEST PERFORMANCE

Bobcat's skid steer line of equipment offers more. The Bobcat skid steer line offers more than just a good-looking machine. It offers a lot of power, performance, adaptability and more. Bobcat's skid steer line offers more than just a good-looking machine. It offers a lot of power, performance, adaptability and more. Bobcat's skid steer line offers more than just a good-looking machine. It offers a lot of power, performance, adaptability and more.

Bobcat  
**ADVANTAGE**

## COMPARE BOBCAT ATTACHMENTS

— NUMBER ONE IN THE BUSINESS —

Whether you're a contractor or a rental company, you know your Bobcat equipment should be able to do it all. That's why Bobcat is the leading attachment manufacturer in the world. We have more than 100 different attachments for every Bobcat model, and we're constantly adding new ones.



#### EXCAVATORS

Bobcat's excavators provide the right digging capacity and reach. It comes with more than 100 different attachments, so the work done is general excavation and site preparation projects. Bobcat's excavators offer the best efficiency, long reach, maximum fuel economy. The design of Bobcat's system allows you to work with the most variety of job sites.



#### CRANES

Bobcat's crane is the most compact crane in the world. It's a compact crane that can be used in a variety of applications. Bobcat's crane is the most compact crane in the world. It's a compact crane that can be used in a variety of applications. Bobcat's crane is the most compact crane in the world. It's a compact crane that can be used in a variety of applications.



#### TRAILBLAZING TRENCHERS

Bobcat's trencher is the most compact trencher in the world. It's a compact trencher that can be used in a variety of applications. Bobcat's trencher is the most compact trencher in the world. It's a compact trencher that can be used in a variety of applications.



#### TRAILBLAZING ATTACHMENT WORK MACHINES

Bobcat's skid steer loader is the most compact skid steer loader in the world. It's a compact skid steer loader that can be used in a variety of applications. Bobcat's skid steer loader is the most compact skid steer loader in the world. It's a compact skid steer loader that can be used in a variety of applications.



#### UTILITY MACHINES

Bobcat's skid steer loader is the most compact skid steer loader in the world. It's a compact skid steer loader that can be used in a variety of applications. Bobcat's skid steer loader is the most compact skid steer loader in the world. It's a compact skid steer loader that can be used in a variety of applications.

WE HAVE AN  
**ATTACHMENT**  
FOR THAT.



**COMPACT EXCAVATOR ATTACHMENTS**

AUGER	6	FLAIL MOWER	13	RIPPER	16
BREAKER, HYDRAULIC	8	GRAPPLE, THREE-TINE	16	SWING ACCESSORIES	16
BUCKETS	10	PACKER WHEEL	14	TRENCHER	17
CLAMP	14	PLATE COMPACTOR	14		
DEPTH CHECK ACCESSORY KIT	12	PRO CLAMP™ SYSTEM	15		

**COMPACT LOADER ATTACHMENTS**

3-POINT ADAPTER	74	DUMPING HOPPER	40	SNOW PUSHER	64
ANGLE BROOM	18	FLAIL CUTTER	41	SNOW V-BLADE	65
AUGER	20	FORESTRY CUTTER	42	SNOWBLOWER	60
AUTOMATIC GRADE CONTROL	22	GRADER	44	SOD LAYER	65
BACKHOE	24	GRAPPLE, INDUSTRIAL	46	SOIL CONDITIONER	66
BALE FORK	25	GRAPPLE, RDDT	48	SPREADER	68
BORING UNIT	27	GRAPPLE, UTILITY	49	STEEL TRACKS	70
BOX BLADE	26	LANDPLANE	51	STUMP GRINDER	71
BREAKER, HYDRAULIC	28	LANDSCAPE RAKE	50	SWEeper	72
BRUSH SAW	31	MOWER	52	TILLER	75
BRUSHCAT™ ROTARY CUTTER	30	PALLET FORK	54	TILT-TATCH™ DEVICE	34
BUCKET ACCESSORIES	34	PLANER	56	TREE SPADE	76
BUCKET, COMBINATION	36	REAR STABILIZER	70	TRENCH COMPACTOR	79
BUCKETS	32	SCARIFIER	58	TRENCHER	78
CHIPPER	36	SCRAPER	58	UTILITY FORK	80
CONCRETE MIXER	38	SEEDER	58	VIBRATORY PLOW	81
CONCRETE PUMP	38	SILT FENCE INSTALLER	58	VIBRATORY ROLLER	81
DIGGER	38	SNOW ACCESSORIES	63	WATER KIT	82
DOZER BLADE	39	SNOW BLADE	62	WHEEL SAW	82
DROP HAMMER	40	SNOW BUCKET	59		

**VERSAHANDLER™ TELESCOPIC TOOL CARRIER ATTACHMENTS**

ANGLE BROOM	18	GRAPPLE, INDUSTRIAL	46	SNOW PUSHER	64
AUGER	20	GRAPPLE, RDDT	48	SNOWBLOWER	60
BALE FORK	25	PALLET FORK	54	SOIL CONDITIONER	66
BUCKET, COMBINATION	36	SNOW BLADE	62	SWEeper	72
BUCKETS	32	SNOW BUCKET	59	TRUSS BOOM	17
FLAIL CUTTER	41				

**TOOLCAT™ UTILITY WORK MACHINE ATTACHMENTS**

3-POINT ADAPTER	74	GRADER	44	SNOW PUSHER	64
ANGLE BROOM	18	GRAPPLE, INDUSTRIAL	46	SNOW V-BLADE	65
AUGER	20	GRAPPLE, UTILITY	49	SNOWBLOWER	60
BALE FORK	25	LANDPLANE	51	SOD LAYER	65
BOX BLADE	26	LANDSCAPE RAKE	50	SOIL CONDITIONER	66
BRUSHCAT ROTARY CUTTER	30	MOWER	52	SPREADER	68
BUCKET ACCESSORIES	34	PALLET FORK	54	STUMP GRINDER	71
BUCKET, COMBINATION	36	SCRAPER	58	SWEeper	72
BUCKETS	32	SEEDER	58	TILLER	75
CHIPPER	36	SNOW ACCESSORIES	63	TILT-TATCH™ DEVICE	34
DOZER BLADE	39	SNOW BLADE	62	TRENCHER	78
FLAIL CUTTER	41	SNOW BUCKET	59	UTILITY FORK	80

**UTILITY VEHICLE ATTACHMENTS**

ANGLE BROOM	83	PALLET FORK	84
BUCKET	83	SNOW BLADE	84
GRAPPLE	84	SNOW V-BLADE	85
LANDPLANE	84	SNOWBLOWER	85
MOWER	84	SPREADER	85

NOTE: Where applicable, dimensions are in accordance with Society of Automotive Engineers (SAE) and ISO standards. Specifications and design are subject to change without notice. Pictures of Bobcat models may show other than standard equipment. All dimensions are given for loaders equipped with standard tires. All dimensions are shown in inches. Respective metric dimensions are enclosed by parentheses. Bobcat Company complies with the requirements of ISO 9001 as registered with BSI.



# DIG HOLES FASTER AND DEEPER.

Dig deeper and faster – even in hard, rocky soil – with the Bobcat® auger attachment.

### MORE DEPTH

A drive unit that follows the bit into the hole provides up to 12 inches of extra dig depth.

### DIRECT OR PLANETARY DRIVE

Low-maintenance direct-drive models give you excellent torque and rpm for reliable digging performance in many soil conditions.

Planetary-drive augers provide extra power and torque for anchor applications and extreme ground conditions, including rock, shale, clay or frost.

### VERSATILITY

Bobcat attachment mounting systems allow you to use your auger on multiple carriers.

### KNUCKLE-JOINT DESIGN

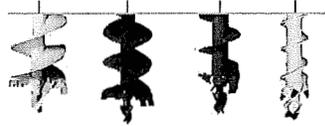
Dig vertical holes on uneven terrain.



### BITS AND TEETH

Match the tool to the job; 6- to 48-inch diameters available:

LIGHT DUTY    STANDARD DUTY    HEAVY DUTY    ROCK DUTY



Bobcat.com/Auger

MODEL	TORQUE	SPEED	RECOMMENDED USES	DEPTH*
Model 10	Low	High	Areas with relatively easy digging or loose soils. Up to 24-in. diameter bits.	58 in.
Model 15C/15H	Med	Med	Moderate to heavy digging in non-rocky, rocky soil and occasional tough digging. Up to 36-in. diameter bits.	62 in.
Model 30C/30H	High	Low	Hard, tough, all-day digging through hardpan, frost or asphalt. Ideal for large diameter bits and high-drive applications.	62 in.
Model 35/50 PM	High	Low	Extreme ground conditions like rock, shale, clay or frost. Ideal for anchor applications.	72 in.

\*Digging depth without extension

DIRECT-DRIVE AUGER	MODEL 10	MODEL 15C/15H	MODEL 30C/30H
Housing Length	8.4 in. (214 mm)	10.6 in. (269 mm)	10.6 in. (269 mm)
Width	9.2 in. (233 mm)	10.2 in. (260 mm)	10.2 in. (260 mm)
Clearance Diameter of Drive Unit	10 in. (254 mm)	12 in. (305 mm)	12 in. (305 mm)
Weight	150 lb. (68 kg)	220 lb. (100 kg)	230 lb. (104 kg)
Drive System	Direct	Direct	Direct
RPM*			
@ 6 gpm (30 L/min.)	48 rpm	—	—
@ 12 gpm (57 L/min.)	72 rpm	57 rpm	—
@ 17 gpm (84 L/min.)	102 rpm	80 rpm	41 rpm
@ 21 gpm (99 L/min.)	—	99 rpm	51 rpm
@ 23 gpm (107 L/min.)	—	109 rpm	59 rpm
@ 30 gpm (114 L/min.)	—	—	70 rpm
@ 37 gpm (140 L/min.)	—	—	90 rpm
Torque*			
@ 2000 psi (137.9 kPa)	1021 ft.-lb. (1382 Nm)	1000 ft.-lb. (1363 Nm)	2520 ft.-lb. (3417 Nm)
@ 2400 psi (165.5 kPa)	1225 ft.-lb. (1661 Nm)	1560 ft.-lb. (2115 Nm)	3024 ft.-lb. (4100 Nm)
@ 2700 psi (191.6 kPa)	1378 ft.-lb. (1869 Nm)	1735 ft.-lb. (2379 Nm)	3402 ft.-lb. (4623 Nm)
@ 3000 psi (210.5 kPa)	1532 ft.-lb. (2077 Nm)	1940 ft.-lb. (2644 Nm)	3760 ft.-lb. (5125 Nm)
@ 3300 psi (232.5 kPa)	—	2415 ft.-lb. (3283 Nm)	4158 ft.-lb. (5638 Nm)
@ 3500 psi (248.2 kPa)	—	2275 ft.-lb. (3084 Nm)	4410 ft.-lb. (5979 Nm)
Bit Size			
Light Duty**	6 in., 8 in., 12 in., 15 in., 18 in., 24 in., 30 in., 36 in.		
Standard	6 in., 8 in., 12 in., 15 in., 18 in., 24 in., 30 in., 36 in.		
Tree Planting	18 in., 24 in., 30 in., 36 in.		
Heavy Duty	6 in., 8 in., 12 in., 18 in., 24 in., 30 in., 36 in., 42 in.		
Rock	6 in., 8 in., 12 in., 18 in., 24 in., 30 in.		

\*Values are calculated, theoretical at 100% efficiency.

\*\*Only light-duty bits are approved for use with Bobcat mini track loaders.



PLANETARY AUGER	MODEL 35PH	MODEL 50PH
Housing Length	11.4 in. (290 mm)	11.4 in. (290 mm)
Width	11.6 in. (293 mm)	11.6 in. (293 mm)
Clearance Diameter of Drive Unit	12 in. (305 mm)	12 in. (305 mm)
Weight	297 lb. (134 kg)	299 lb. (135 kg)
Drive System	Planetary	Planetary
RPM*		
@ 18 gpm (84.3 L/min.)	46 rpm	38 rpm
@ 22 gpm (83.27 L/min.)	56 rpm	45 rpm
@ 26 gpm (98.41 L/min.)	67 rpm	53 rpm
@ 30 gpm (113.55 L/min.)	77 rpm	61 rpm
@ 32 gpm (121.12 L/min.)	82 rpm	65 rpm
@ 34 gpm (128.69 L/min.)	87 rpm	69 rpm
@ 36 gpm (136.08 L/min.)	92 rpm	73 rpm
@ 38 gpm (143.83 L/min.)	98 rpm	77 rpm
Torque**		
@ 2000 psi (137.9 kPa)	2387 ft.-lb. (3277 Nm)	3023 ft.-lb. (4100 Nm)
@ 2400 psi (165.5 kPa)	2864 ft.-lb. (3884 Nm)	3628 ft.-lb. (4920 Nm)
@ 2600 psi (179.28 kPa)	3103 ft.-lb. (4208 Nm)	3931 ft.-lb. (5330 Nm)
@ 3000 psi (210.5 kPa)	3819 ft.-lb. (5179 Nm)	4823 ft.-lb. (6530 Nm)
@ 3500 psi (248.2 kPa)	4177 ft.-lb. (5664 Nm)	5291 ft.-lb. (7175 Nm)
Bit Size		
Heavy Duty	6 in., 12 in., 18 in., 24 in., 30 in., 36 in., 48 in.	
Rock	6 in., 12 in., 18 in., 24 in., 30 in.	

Approved Machines: Do-It-Slower Loader, Compact Track Loader, All-Wheel Steer Loader, Mini Excavator, Mini Track Loader, Tracked Utility Work Machine, VersaACRO-BR™ TTC

58-72 INCH  
DIGGING DEPTH WITHOUT EXTENSION

6-48 INCH  
DIAMETER BITS AVAILABLE

**Bobcat ADVANTAGE**

**TORQUE CHALLENGE**  
Which auger has more power? Watch our competitive head-to-head online video.

BOBCAT.COM/TORQUE

Bobcat.com/Auger

# BREAK CONCRETE FASTER AND CUT THROUGH ROCKS EASIER.



**CONSTANT POWER. CONSISTENT PRODUCTIVITY.**

Most other manufacturers' breakers fire the piston with compressed nitrogen, which is subject to leaks during use that decrease performance. Bobcat® breakers use hydraulic oil flow to fire the breaker while nitrogen assists the piston's return to the firing position. Hydraulic oil cools the piston and breaker walls, preventing wear and extending the life of your attachment. This design delivers peak power while requiring less recharging and virtually no energy-chamber maintenance.

**CYLINDRICAL BREAKER CRADLE**

This design improves job access and accuracy in confined areas.

**EASY MOUNTING AND CARRIER VERSATILITY**

Quickly mount and remove, or switch from a loader to excavator and back, with the Bob-Tach® and X-Change™ attachment mounting systems.

**LOW-MAINTENANCE DESIGN**

The breaker has only 12 main service parts, meaning fewer breakdowns can occur, and if they do, the breaker is easy to repair, right in the field.

**INCLUDED GO/NO-GO GAUGE**

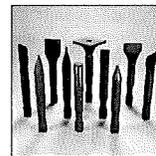
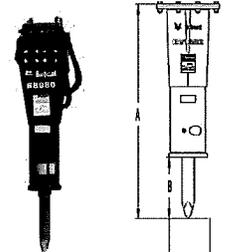
Quickly check the gauge to see whether it's time to replace critical components. There's no measuring required.

**SINGLE LOWER BUSHING**

All models have just one lower bushing that is easy to replace.

**AUTOMATIC POWER REGULATION**

Automatic pressure regulation further ensures consistent performance, regardless of changes in outdoor temperature and across multiple carrier types. It also limits excessive pressure at the time of start-up, preventing wear and potential downtime.



**OPTIONS AND ACCESSORIES**

**BREAKER BITS:**  
A wide variety of breaker tools ensures you can always use the right tool for the task at hand.

**60-1,000 FT.-LB.**  
IMPACT ENERGY CLASS

MODEL	HD250	HD350	HD450	HD650	HD1100	HD1350	HD2300
<b>Performance</b>							
Impact Energy Class	60 ft.-lb. (81 J)	150 ft.-lb. (200 J)	300 ft.-lb. (407 J)	500 ft.-lb. (650 J)	750 ft.-lb. (1016 J)	850 ft.-lb. (1152 J)	1600 ft.-lb. (1356 J)
CMA Tool Energy Rating	59 ft.-lb. (59 J)	143 ft.-lb. (194 J)	207 ft.-lb. (282 J)	292 ft.-lb. (392 J)	384 ft.-lb. (522 J)	515 ft.-lb. (700 J)	700 ft.-lb. (950 J)
Blows Per Minute	1230 @ 8 gpm	1340 @ 13 gpm	1330 @ 17 gpm	1430 @ 21 gpm	1220 @ 26 gpm	1220 @ 32 gpm	810 @ 33 gpm
Flow Requirements	3-8 gpm (11-23 L/min.)	7-13 gpm (26-49 L/min.)	8-17 gpm (30-64 L/min.)	10-21 gpm (45-80 L/min.)	15-26 gpm (57-99 L/min.)	17-32 gpm (65-121 L/min.)	20-33 gpm (76-123 L/min.)
<b>Estimated Breaker Performance with Concrete</b>							
Recommended Working Thickness	1-4 in. (25-100 mm)	2-4 in. (50-100 mm)	4-10 in. (100-250 mm)	6-14 in. (150-350 mm)	8-16 in. (150-350 mm)	10-18 in. (250-455 mm)	12-20 in. (305-500 mm)
<b>Demolished Volume Per Hour</b>							
Non-Reinforced	1-2 yd <sup>3</sup> /hr. (0.8-1.5 m <sup>3</sup> /hr.)	1-4 yd <sup>3</sup> /hr. (0.8-3.1 m <sup>3</sup> /hr.)	4-12 yd <sup>3</sup> /hr. (3.1-9.2 m <sup>3</sup> /hr.)	5-15 yd <sup>3</sup> /hr. (3.8-11.5 m <sup>3</sup> /hr.)	8-15 yd <sup>3</sup> /hr. (4.8-11.5 m <sup>3</sup> /hr.)	8-19 yd <sup>3</sup> /hr. (6.1-13.8 m <sup>3</sup> /hr.)	10-20 yd <sup>3</sup> /hr. (7.8-15.3 m <sup>3</sup> /hr.)
Reinforced	1-2 yd <sup>3</sup> /hr. (0.8-1.5 m <sup>3</sup> /hr.)	1-3 yd <sup>3</sup> /hr. (0.8-2.3 m <sup>3</sup> /hr.)	1-4 yd <sup>3</sup> /hr. (0.8-3.1 m <sup>3</sup> /hr.)	2-6 yd <sup>3</sup> /hr. (1.5-4.6 m <sup>3</sup> /hr.)	2-7 yd <sup>3</sup> /hr. (1.5-5.4 m <sup>3</sup> /hr.)	3-8 yd <sup>3</sup> /hr. (2.3-6.1 m <sup>3</sup> /hr.)	4-9 yd <sup>3</sup> /hr. (3.1-6.9 m <sup>3</sup> /hr.)
<b>Weights</b>							
Breaker with Tool Point and Excavator Firing Cap	160 lb. (73 kg)	428 lb. (192 kg)	550 lb. (253 kg)	720 lb. (327 kg)	819 lb. (372 kg)	1011 lb. (459 kg)	1065 lb. (483 kg)
Breaker with Tool Point, Excavator Firing Cap and Loader X-Change Frame	-	632 lb. (287 kg)	768 lb. (344 kg)	1062 lb. (480 kg)	1130 lb. (513 kg)	-	-
<b>Dimensions</b>							
Length (A) (with Excavator Firing Cap)	40.3 in. (1024 mm)	49.7 in. (1262 mm)	57.5 in. (1461 mm)	60.7 in. (1542 mm)	64.9 in. (1647 mm)	67.5 in. (1713 mm)	71.3 in. (1811 mm)
Tool Length (B)	16.6 in. (423 mm)	13 in. (330 mm)	13 in. (330 mm)	14 in. (356 mm)	18 in. (456 mm)	17 in. (432 mm)	18 in. (457 mm)
Breaker Lever (C) Crane Diameter	5.2 in. (132 mm)	7.3 in. (186 mm)	8.4 in. (214 mm)	8.8 in. (223 mm)	9.5 in. (241 mm)	9.6 in. (244 mm)	9.7 in. (246 mm)
Tool Diameter	1.5 in. (37 mm)	2.2 in. (55 mm)	2.6 in. (65 mm)	2.6 in. (65 mm)	3 in. (77 mm)	3.4 in. (85 mm)	3.6 in. (91 mm)

Approved Machines: Skid Steer Loader, Compact Track Loader, All-Wheel Steer Loader, Mini Excavator, Mini Track Loader

## MAKE QUICK WORK OF ANY DIGGING CHALLENGE.

Optimize the productivity of your Bobcat® excavator with the right bucket for the job.

Newly redesigned trenching buckets and an all-new grading bucket line from class 2 through class 6 (models E26 – E85) offer increased durability and reliability, maximum digging with high capacity, and increased ease of cleanout. The replaceable side cutter has been removed on both trenching and grading models, and a scalloped cast side cutter has been added for durability and functionality. Grading and trenching buckets can be easily interchanged using the X-Change™ attachment mounting system that is standard on most Bobcat excavators or the optional Hydraulic X-Change system for even faster attachment changes to boost productivity.

### NEW TRENCHING BUCKETS

Redesigned trenching buckets offer the strength and durability needed for severe digging and prying. Buckets 18 inches and wider have an X-Change reinforcement plate.

### NEW SMOOTH-LIP X-CHANGE TRENCHING BUCKETS

Want excellent digging performance without weld-on teeth? Smooth-lip trenching buckets now offer a reversible, replaceable cutting edge as standard equipment.

### NEW GRADING BUCKETS

Grading buckets feature no center gusset, replaceable cutting edge, increased capacity and updated widths: 36, 48 and 60 inches. Pair with Hydra-Tilt™ or PowerTilt™ swing accessories for more range of motion when digging around or under objects and shaping landscape features.

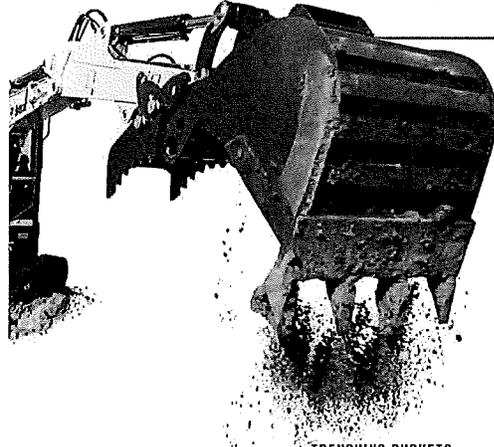
### PIN-ON BUCKETS

Bobcat offers pin-on standard-duty and grading buckets for the E10, E20, E85 and the backhoe attachment.

PowerTilt® is a registered trademark of Helac Corporation.



## DURABILITY TO CONQUER MORE TOUGH JOBS.



**WELD-ON CUTTING EDGE**  
Provides longer life to your bucket.

**WELD-ON SHANKS**  
Offer strength and durability.

**X-CHANGE™ REINFORCEMENT PLATE**  
(18-inch bucket and up)  
Adds durability for severe digging and prying applications.

### TRENCHING BUCKETS

CLASS	WIDTH	TOOTH COUNT	SOLO-ON SHANK	WELD-ON SHANK	SMOOTH LIP	MOUNTING STYLE
Class 0 (E10, E10)	8-16 in. (203-406 mm)	2-3	-	S	-	Pin-On
Class 1 (E20)	9-20 in. (228-508 mm)	2-4	S	-	-	Pin-On
Class 2 (E26)	12-24 in. (305-610 mm)	3-5	-	0	0	X-Change
Class 3 (E32, E35, E42)	12-36 in. (305-914 mm)	3-6	-	0	0	X-Change
Class 4 (E42, E45, E50, E55, E60, E63)	18-36 in. (305-914 mm)	3-6	-	0	0	X-Change
Class 5 (E55, E63)	18-36 in. (457-914 mm)	4-6	-	0	0	X-Change
Class 6 (E65)	18-36 in. (457-914 mm)	3-5	-	S	-	Pin-On

S = Standard, 0 = Option, - = Not Available

### GRADING BUCKETS

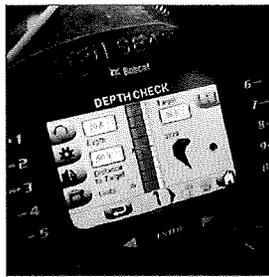
CLASS	WEIGHT	WIDTH	LENGTH	HEIGHT	ISO STRUCK CAPACITY	ISO HEAPED CAPACITY
Class 2 (E26)	293 lb (131 kg)	36 in. (914 mm)	24.3 in. (618 mm)	18.4 in. (467 mm)	3.78 ft <sup>3</sup> (0.11 m <sup>3</sup> )	5.25 ft <sup>3</sup> (0.15 m <sup>3</sup> )
Class 3 (E32, E35, E42)	364 lb (165 kg)	48 in. (1219 mm)	24.3 in. (618 mm)	18.4 in. (467 mm)	5.1 ft <sup>3</sup> (0.14 m <sup>3</sup> )	7.19 ft <sup>3</sup> (0.2 m <sup>3</sup> )
Class 4 (E42, E45, E50, E55, E60, E63)	307 lb (139 kg)	36 in. (914 mm)	25.9 in. (659 mm)	20.3 in. (515 mm)	4.57 ft <sup>3</sup> (0.13 m <sup>3</sup> )	6.34 ft <sup>3</sup> (0.18 m <sup>3</sup> )
Class 5 (E55, E63)	384 lb (174 kg)	48 in. (1219 mm)	25.9 in. (659 mm)	20.3 in. (515 mm)	6.17 ft <sup>3</sup> (0.17 m <sup>3</sup> )	8.69 ft <sup>3</sup> (0.25 m <sup>3</sup> )
Class 6 (E65)	442 lb (201 kg)	60 in. (1524 mm)	28.9 in. (734 mm)	30 in. (762 mm)	7.77 ft <sup>3</sup> (0.22 m <sup>3</sup> )	11.06 ft <sup>3</sup> (0.31 m <sup>3</sup> )



# SAVE TIME AND REDUCE ERROR

WITH THE BOBCAT DEPTH CHECK ACCESSORY KIT.

The Bobcat® depth check accessory kit for compact excavators improves profitability by minimizing the tendency to over- and under-dig. With an accuracy of ±0.5 inches, it's a superior and affordable option for achieving grade or meeting minimum cover specifications.



### INTEGRATED WITH THE BOBCAT DELUXE INSTRUMENT PANEL

When you have deluxe instrumentation installed on your Bobcat compact excavator, there are no display screens or control panels to install. The deluxe instrument panel provides complete control and job monitoring, including:

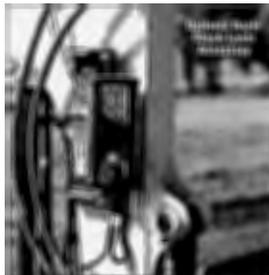
- Distance to target
- Grade check
- Depth check

### FULLY WIRED FOR SIMPLICITY AND ACCURACY

The simple, durable depth check accessory kit from Bobcat is wired, so job conditions or wireless signal loss will never interfere with your accuracy.

- Reduces the lag time of the signal transmission from the sensor to the deluxe instrument panel display
- Maintains a strong signal even when submerged in water
- No batteries to charge and maintain

The Bobcat depth check accessory kit includes position sensors for the boom, arm and bucket, and all necessary harnesses. Optional laser receivers provide even more flexibility.



**±0.5 INCH**  
GRADE ACCURACY



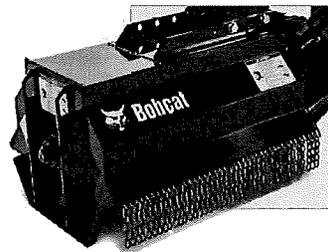
[Bobcat.com/DepthCheck](http://Bobcat.com/DepthCheck)

# MOW BRUSH, GRASS AND MORE WITH THE REACH OF YOUR EXCAVATOR.



Cut down brush, thick weeds, grass and even small trees with the Bobcat® flail mower. It cuts aggressively and efficiently, with a direct-drive hydraulic motor that provides the optimum balance between torque and rpm. The flail mower's triple-knife flails rip through hard and soft woods, vines, grass, and brush.

A rubber torsion disk absorbs stress during operation, and heavy-duty flanges on both sides of the rotor protect the drive train. Side safety chains help contain debris. Switch the hydraulic hoses at the drive motor to change the rotation of the reversible flails, increasing overall flail life.



SPECIFICATIONS	30FM	40FM	40FMR
Operating Weight (with X-Change™ Mount)	649 lb.	736 lb.	861 lb.
Operating Weight (with Pin-on Mount)	-	708 lb.	875 lb.
Working Width	30 in.	40 in.	40 in.
Overall Width	50.4 in.	60.4 in.	60.4 in.
Cutting Capacity	Up to 4 in.	Up to 4 in.	Up to 4 in.
Hydraulic Flow	12.2-19.5 gpm	14-22.4 gpm	18.4-31.7 gpm
Number of Knives	27	38	38
Mount Options	X-Change	X-Change, Pin-on	X-Change, Pin-on

Approved Machines: Mini Excavator (E32-E85)\*

\*Cab-equipped excavators only. Windows and door must be closed during operation.

[Bobcat.com/FlailMower](http://Bobcat.com/FlailMower)



# 14 PACKER WHEEL

COMPACT EXCAVATOR

## COMPACT BACKFILLED TRENCHES WITH POWER AND EFFICIENCY.

Reduce the need for conventional compaction equipment and eliminate the need for a person working in the trench. The compact design of the packer wheel allows it to operate in small areas, increasing the versatility of the carrier. No auxiliary hydraulics are required for operation.



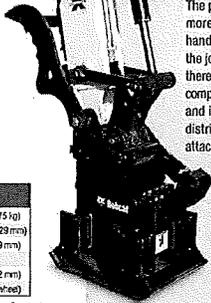
SPECIFICATIONS	
Operating Weight	388 lb. (175 kg)
Length	40.5 in. (1029 mm)
Width	11 in. (279 mm)
Wheel Assembly	2
Wheel Diameter	30 in. (762 mm)
Speed (per axle)	18 (9 per wheel)

Approved Machines: Std-Steer Loader, Compact Track Loader, All-Wheel Steer Loader, Mini Excavator

# PLATE COMPACTOR

## COMPACT IN THE TRENCH – WITHOUT LEAVING THE CAB.

The plate compactor attachment provides more powerful compaction force than a hand-operated compactor, saving time on the job. You operate it right from the cab, so there's no need for a worker in the trench. A compact design easily packs material on slopes and in hard-to-reach areas. Shock mounts distribute vibration evenly and keep the attachment level for efficient compacting.



SPECIFICATIONS	PCF34	PCF64
Operating Weight	478 lb. (217 kg)	856 lb. (388 kg)
Length	26 in. (660 mm)	34.2 in. (869 mm)
Width	18.8 in. (476 mm)	23.5 in. (597 mm)
Dynamic Force	3,400 lb. (1542 kg)	6,400 lb. (2903 kg)
Frequency	2100 vpm	2000 vpm

Approved Machines: Mini Excavator

# PRO CLAMP SYSTEM

15

COMPACT EXCAVATOR

## OPEN WIDER, LIFT BIGGER WITH THE PRO CLAMP SYSTEM.

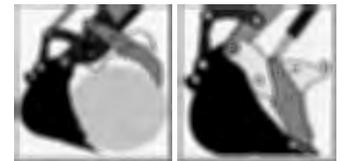
Interchangeable work tools for grabbing or grading. Choose between the standard tool and a grading tool. Both can adjust to different materials or jobs by changing the pin location.

Select the material clamp for traditional clamp functionality. For greater performance, adjust it to provide a wider, more aggressive bite that wraps around larger objects and difficult-to-handle materials. The tool can be positioned to allow the clamp to follow the bucket farther while dumping.

When pinned in its forward position, the grading tool adds a lip to your bucket for a smooth trench bottom – even when using a toothed bucket. When you pin the grading tool in its reverse position, it can also speed the cleanup of spoil piles. With a toothless bucket and a quick adjustment to the pin position, it also provides clamshell functionality.



### GRAB LARGER, ODD-SHAPED MATERIAL.



Material Clamp

Grading Tool

SPECIFICATIONS	E32/E45	E42/E45/E50/E55
Pro Clamp with Material Clamp		
Operating Weight	169 lb. (76 kg)	235 lb. (107 kg)
Thickness	0.63 in. (16 mm)	1 in. (25.4 mm)
Number of Teeth	2	2
Teeth Width	13.4 in. (341 mm)	15.9 in. (403 mm)
Pro Clamp with Grading Tool		
Operating Weight	194 lb. (88 kg)	230 lb. (107 kg)
Thickness	0.63 in. (16 mm)	0.63 in. (16 mm)
Outlet Edge Width	24.25 in. (616 mm)	24.25 in. (616 mm)

Approved Machines: Mini Excavator

# CLAMP

## GET A GRIP ON MATERIAL TO LIFT, MOVE AND PLACE.

Designed for Bobcat® compact excavators. Easily maneuver the clamp attachment into hard-to-reach areas, allowing you to selectively grab objects. Use with a trenching bucket or three-line grapple and easily move odd-shaped objects such as tree stumps and concrete.



SPECIFICATIONS	E20 CLASS I	E26-E35 CLASS II	E42 CLASS III	E42-E53 CLASS IV	E55 CLASS V
Operating Weight	50 lb. (23 kg)	128 lb. (57 kg)	171 lb. (78 kg)	218 lb. (99 kg)	449 lb. (204 kg)
Clamp Width	5.5 in. (140 mm)	13 in. (330 mm)	14.4 in. (368 mm)	15 in. (381 mm)	16.5 in. (419 mm)
Tooth Radius	19.8 in. (503 mm)	27.2 in. (691 mm)	27.2 in. (691 mm)	32 in. (813 mm)	41 in. (1041 mm)
Tooth Thickness	0.5 in. (13 mm)	0.75 in. (19 mm)	0.75 in. (19 mm)	1 in. (25 mm)	1 in. (25 mm)

Approved Machines: Mini Excavator

**Bobcat.** For more information, visit [www.bobcat.com](http://www.bobcat.com) or call 1-800-4-A-BOBCAT.

[Bobcat.com/AllAttach](http://Bobcat.com/AllAttach)

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For more information, visit [www.bobcat.com](http://www.bobcat.com) or call 1-800-4-A-BOBCAT.

**Bobcat.**

# 18 RIPPER

COMPACT EXCAVATOR

## RIP THROUGH TOUGH, HARD-PACKED AND FROZEN MATERIAL.

Built for penetration, the ripper attachment effortlessly tears through tough soil and frozen ground. Gussets provide ample ripping power. A heavy-duty shank reinforces the attachment structure for maximum durability and uptime.



SPECIFICATIONS	FROST AND ROCK	FROST AND ROCK EGGS
Operating Weight	270 lb. (123 kg)*	255 lb. (116 kg)**
Teeth Radius	35.5 in. (902 mm)	35.5 in. (902 mm)
Shank Thickness	1.5 in. (38 mm)	1.5 in. (38 mm)
*With X-Change Mount		
**With Pin-in Mount		

Approved Machines: Mini Excavator, Loader equipped with backhoe

# GRAPPLE, THREE-TINE

## MOVE MORE THAN EARTH.

Your Bobcat® excavator can do more than dig. The three-tine design of this powerful grapple grabs, picks and places large, hard-to-manage materials with ease. Move brush, logs, debris and landscaping stones on a variety of jobsites.



SPECIFICATIONS	CLASS III	CLASS IV
Operating Weight	200 lb. (91 kg)	225 lb. (102 kg)
Grapple Width	20.5 in. (521 mm)	20.5 in. (521 mm)
Tine Radius	27 in. (686 mm)	33 in. (838 mm)
Tine Thickness	0.75 in. (19 mm)	0.75 in. (19 mm)

Approved Machines: Mini Excavator

# TRENCHER 17

COMPACT EXCAVATOR

## TAKE ON TOUGH TRENCHING JOBS.

The Bobcat® trencher creates trenches fast – even when working in hard, rocky soil. Teeth and chain options give you more versatility, enabling you to maximize trenching capabilities for soil conditions.



### AUGER

The large-diameter auger moves material from the side of the trench and limits the spoil that falls back into the trench.

### GREASE CYLINDER TENSIONING

Adjusting the chain to the proper tension is fast and easy.

### STANDARD CRUMBER

Clears soil from the trench and provides a clean, smooth trench bottom.

**4-8 INCH**

TRENCHING WIDTHS AVAILABLE

SPECIFICATIONS	MX112 2 FT.	MX112 3 FT.
Chain (double standard ABF)	17 in. (42 mm)	17 in. (42 mm)
Auger	12 in. (305 mm) diameter single removable auger	12 in. (305 mm) diameter single removable auger
Chain Tensioning	Grease cylinder	Grease cylinder
Chain Options Available	Multiple	Multiple
Operating Weight (without teeth)	570 lb. (259 kg)	595 lb. (270 kg)
Trenching Widths Available	4-8 in. (102-203 mm)	4-8 in. (102-203 mm)
Flow Range	13-20 gpm (49-76 L/min.)	13-20 gpm (49-76 L/min.)
Max. Operating Pressure	3000 psi (206.84 kPa)	3000 psi (206.84 kPa)
Overall Length	68.2 in. (1732 mm)	81.5 in. (2070 mm)
Standard Boom Length	39.4 in. (1000 mm)	52.5 in. (1334 mm)
Dig Depth @ 60 degrees	24 in. (610 mm)	38 in. (914 mm)
Frame Width	30.6 in. (777 mm)	30.6 in. (777 mm)
Auger Clearance	13.8-15.8 in. (351-401 mm)	13.8-15.8 in. (351-401 mm)

Approved Machines: Mini Excavator

# SWING ACCESSORIES

## HYDRA-TILT SWING ACCESSORY: 60 DEGREES OF TILTING MOTION

Tilt buckets and blades 30 degrees to create slopes, grades and contours. The Hydra-Tilt™ swing accessory for your compact excavator uses a wrist-like action to angle the excavator bucket or blade 30 degrees to the left or right, for a total range of 60 degrees. Reduce repositioning to save time creating drainage ditches or digging around culverts and sewer lines and more.



SPECIFICATIONS	
Operating Weight	250 lb. (113 kg)
Length	31 in. (787 mm)
Width	17.5 in. (445 mm)
Side-to-Side Rotation	60 deg.
Output Torque	3210 ft.-lb. @ 3000 psi

Approved Machines: Mini Excavator

## POWERTILT SWING ACCESSORY: 180 DEGREES OF TILTING MOTION

Dig under and around objects with 90 degrees of motion to either side.

The PowerTilt® swing accessory tilts the excavator bucket 90 degrees to the left or right, reducing the need to move the entire machine. Its wide range of motion allows it to dig around and under objects such as culverts and sewer lines. It even delivers the flexibility needed to dig and shape holes or ditches, level terrain, backfill trenches, or do finish grading.

PowerTilt is a registered trademark of Hilti Corporation.



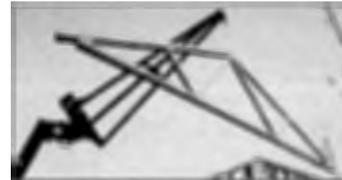
SPECIFICATIONS	PTX3	PTX4
Operating Weight	170 lb. (77 kg)	265 lb. (120 kg)
Length	25 in. (635 mm)	25 in. (635 mm)
Width	11 in. (279 mm)	11 in. (279 mm)
Side-to-Side Rotation	170 deg.	160 deg.
Output Torque	2100 ft.-lb. @ 3000 psi	3250 ft.-lb. @ 3000 psi

Approved Machines: Mini Excavator

# TTC TRUSS BOOM

## PLACE TRUSSES WITH THE REACH OF YOUR VERSAHANDLER TELESCOPIC TOOL CARRIER.

Designed for the VersaHANDLER® telescopic tool carrier, the rugged 12-foot boom is built specifically for moving trusses on construction jobsites. Fingertip controls operate the attachment, accurately placing trusses without the operator ever having to leave the cab.



SPECIFICATIONS	
Operating Weight	558 lb. (253 kg)
Length	146 in. (3708 mm)
Height	19.3 in. (490 mm)

Approved Machines: V117, V519 and V723 VersaHANDLER® TTC

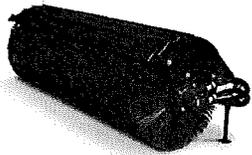
# CONGRATULATIONS, ANDREW WILKINSON

## WINNER OF THE BOBCAT \$10,000 ATTACHMENT SWEEPSTAKES

Wilkinson, owner of Gold Country Ground Services in Nevada City, California, entered the sweepstakes through his Bobcat dealer, Mel Squires, Bobcat of Sacramento.

"I've known Mel for probably 15 years. I bought my very first attachment off him," Wilkinson said. "When he told me my first reaction was, 'he must be just pulling my leg.' I was, for once, a little bit speechless."

Contact your dealer for versatile Bobcat® attachments and ask about future sweepstakes.



MORE MATERIAL.  
FEWER PASSES.  
**ZERO EFFORT.**

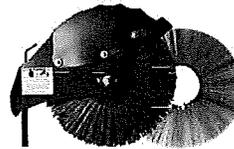


Clean up with your Bobcat® loader. Use the hydraulically driven angle broom attachment for sweeping driveways, sidewalks, parking lots, loading docks and warehouses, or for turf cleaning, delhatching and more. It's particularly useful for quick snow removal without damaging pavement surfaces.



**Bobcat.** For specifications, volume and other information visit [Bobcat.com/company-45/terms-of-use](http://Bobcat.com/company-45/terms-of-use)

[Bobcat.com/AngleBroom](http://Bobcat.com/AngleBroom)



**EASY MAINTENANCE**  
Quick-change rotor design makes bristle replacement easy. Simply remove two bolts and the entire rotor is released.

**ANGLE CONTROL**  
The 48-inch broom has a manual angle of up to 30 degrees left or right. The 68- and 84-inch brooms have a hydraulic angle of up to 25 degrees left or right.

**FLUSH SWEEPING**  
Get as close as you want. Improved sweeping efficiency allows for flush sweeping to a curb or wall on the right side.

**PATENTED SPRING DESIGN**  
An exclusive spring design provides optimum down pressure. Not available on 48-inch model.

**TOUGH BOBCAT BRISTLES**  
Job-proven and easy to replace, the polypropylene bristle wafers provide excellent durability and flick material away for superior cleaning. The waved design of the angle broom bristles clears a cleaner path and sweeps more snow or debris in a single pass. For heavy-duty cleaning action on difficult jobs, easy-to-install steel bristles are available.

**25-30°**  
ANGLE LEFT OR RIGHT

**8-28 GPM**  
FLOW RANGE

SPECIFICATIONS	48 IN.	68 IN.	84 IN.
Overall Width	54.9 in. (1394 mm)	79.6 in. (2022 mm)	98.1 in. (2498 mm)
Sweep Width Straight	48 in. (1220 mm)	63 in. (1600 mm)	84 in. (2134 mm)
Sweep Width Fully Angled	41.5 in. (1055 mm)	63 in. (1600 mm)	77 in. (1956 mm)
Degree of Angle (right or left)	30 deg.	25 deg.	25 deg.
Operating Weight	260 lb. (118 kg)	660 lb. (300 kg)	944 lb. (429 kg)
Broom Actuating	Manual	Hydraulic Cylinder	Hydraulic Cylinder
Operation	Fixed	Fixed	Fixed
Drive System	Hydraulic Motor	Hydraulic Motor	Hydraulic Motor
Flow Range	8-13 gpm (30-49 L/min.)	9-24 gpm (34-91 L/min.)	15-28 gpm (57-106 L/min.)
Broom Bristle Diameter	21.4 in. (542 mm)	32 in. (812 mm)	32 in. (812 mm)
Bristle Material	Replaceable polypropylene sections (steel sections available)		
Number of Bristle Sections	23 Zig-Zag 2 Straight	36 Zig-Zag 2 Straight	44 Zig-Zag 2 Straight

Approved Machines: Skid-Steer Loader, Compact Track Loader, All-Wheel Steer Loader, M-1 Track Loader, Toolcat™ Utility Work Machine, Versalift™ TTG

[Bobcat.com/AngleBroom](http://Bobcat.com/AngleBroom)

For specifications, volume and other information visit [Bobcat.com/company-45/terms-of-use](http://Bobcat.com/company-45/terms-of-use)

**Bobcat.**

# DIG HOLES FASTER AND DEEPER.

Dig deeper and faster – even in hard, rocky soil – with the Bobcat® auger attachment.



### MORE DEPTH

A drive unit that follows the bit into the hole provides up to 12 inches of extra dig depth.

### DIRECT OR PLANETARY DRIVE

Low-maintenance direct-drive models give you excellent torque and rpm for reliable digging performance in many soil conditions.

Planetary-drive augers provide extra power and torque for anchor applications and extreme ground conditions, including rock, shale, clay or frost.

### VERSATILITY WITH THE BOB-TACH SYSTEM

The Bob-Tach® mounting system allows you to use your auger on multiple carriers.



**KNUCKLE-JOINT DESIGN**  
Dig vertical holes on uneven terrain.



Only light-duty bits are approved for use with Bobcat mini track loaders.

### BITS AND TEETH

Match the tool to the job; 6- to 48-inch diameters available:

LIGHT DUTY    STANDARD DUTY    HEAVY DUTY    ROCK DUTY



**Bobcat.**  
**ADVANTAGE**

WHICH ONE IS BETTER?  
Which auger has more power? Watch our competitive head-to-head online video.

[BOBCAT.COM/TORQUE](http://BOBCAT.COM/TORQUE)

**58-72 INCH**  
DIGGING DEPTH WITHOUT EXTENSION

**6-48 INCH**  
DIAMETER BITS AVAILABLE

MODEL	TORQUE	SPEED	RECOMMENDED USES	DEPTH*
Model 10	Low	High	Areas with relatively easy digging or loose soils. Up to 24-in. diameter bits.	58 in.
Model 15C/15H	Med	Med	Moderate to heavy digging requirements, rocky soil and occasional tough digging. Up to 36-in. diameter bits.	62 in.
Model 30C/30H	High	Low	Hard, tough, all-day digging through hardpan, frost or asphalt. Ideal for large diameter bits and heli-drive applications.	62 in.
Model 35/35H	High	Low	Extreme ground conditions like rock, shale, clay or frost. Ideal for anchor applications.	72 in.

\*Digging depth without extension

DIRECT-DRIVE AUGER	MODEL 10	MODEL 15C/15H	MODEL 30C/30H	PLANETARY AUGER	MODEL 35PH	MODEL 50PH
Housing				Housing		
Length	8.4 in. (214 mm)	10.8 in. (269 mm)	10.6 in. (269 mm)	Length	11.4 in. (290 mm)	11.4 in. (290 mm)
Width	9.2 in. (233 mm)	10.2 in. (260 mm)	10.2 in. (260 mm)	Width	11.6 in. (293 mm)	11.6 in. (293 mm)
Clearance Diameter of Drive Unit	10 in. (254 mm)	12 in. (305 mm)	12 in. (305 mm)	Clearance Diameter of Drive Unit	12 in. (305 mm)	12 in. (305 mm)
Weight	150 lb. (68 kg)	220 lb. (100 kg)	230 lb. (104 kg)	Weight	297 lb. (134 kg)	299 lb. (135 kg)
Drive System	Direct	Direct	Direct	Drive System	Planetary	Planetary
RPM*				RPM*		
⊙ 8 gpm (30 L/min.)	48 rpm	—	—	⊙ 18 gpm (68.13 L/min.)	46 rpm	36 rpm
⊙ 12 gpm (45 L/min.)	72 rpm	57 rpm	—	⊙ 22 gpm (83.27 L/min.)	56 rpm	45 rpm
⊙ 17 gpm (64 L/min.)	102 rpm	80 rpm	41 rpm	⊙ 26 gpm (98.41 L/min.)	67 rpm	53 rpm
⊙ 21 gpm (79 L/min.)	—	93 rpm	51 rpm	⊙ 30 gpm (113.55 L/min.)	77 rpm	61 rpm
⊙ 23 gpm (87 L/min.)	—	109 rpm	58 rpm	⊙ 32 gpm (121.23 L/min.)	82 rpm	65 rpm
⊙ 30 gpm (114 L/min.)	—	—	70 rpm	⊙ 34 gpm (128.69 L/min.)	87 rpm	69 rpm
⊙ 37 gpm (140 L/min.)	—	—	60 rpm	⊙ 36 gpm (135.26 L/min.)	92 rpm	73 rpm
Torque*				⊙ 38 gpm (143.81 L/min.)	98 rpm	77 rpm
⊙ 2000 psi (137.88 kPa)	1021 ft.-lb. (1329 Nm)	1300 ft.-lb. (1763 Nm)	2520 ft.-lb. (3417 Nm)	Torque*		
⊙ 2400 psi (165.47 kPa)	1225 ft.-lb. (1661 Nm)	1560 ft.-lb. (2115 Nm)	3024 ft.-lb. (4100 Nm)	⊙ 2000 psi (137.88 kPa)	2387 ft.-lb. (3237 Nm)	3023 ft.-lb. (4100 Nm)
⊙ 2700 psi (186.16 kPa)	1378 ft.-lb. (1866 Nm)	1755 ft.-lb. (2379 Nm)	3402 ft.-lb. (4213 Nm)	⊙ 2400 psi (165.47 kPa)	2664 ft.-lb. (3604 Nm)	3528 ft.-lb. (4790 Nm)
⊙ 3000 psi (206.84 kPa)	1532 ft.-lb. (2077 Nm)	1950 ft.-lb. (2644 Nm)	3760 ft.-lb. (5125 Nm)	⊙ 2600 psi (176.26 kPa)	3103 ft.-lb. (4208 Nm)	3931 ft.-lb. (5330 Nm)
⊙ 3300 psi (227.53 kPa)	—	2415 ft.-lb. (3268 Nm)	4158 ft.-lb. (5638 Nm)	⊙ 3000 psi (206.83 kPa)	3819 ft.-lb. (5179 Nm)	5023 ft.-lb. (6810 Nm)
⊙ 3500 psi (241.32 kPa)	—	2275 ft.-lb. (3084 Nm)	4410 ft.-lb. (5973 Nm)	⊙ 3500 psi (241.32 kPa)	4177 ft.-lb. (5664 Nm)	5281 ft.-lb. (7175 Nm)
Bit Sizes				Bit Sizes		
Light Duty**	6 in., 9 in., 12 in., 15 in., 18 in., 24 in., 30 in., 36 in.			Heavy Duty	8 in., 12 in., 18 in., 24 in., 30 in., 36 in., 48 in.	
Standard	6 in., 9 in., 12 in., 15 in., 18 in., 24 in., 30 in., 36 in.			Rock	6 in., 12 in., 18 in., 24 in., 30 in.	
Tree Planting	18 in., 24 in., 30 in., 36 in.					
Heavy Duty	6 in., 9 in., 12 in., 15 in., 18 in., 24 in., 30 in., 36 in., 42 in.					
Rock	6 in., 9 in., 12 in., 18 in., 18 in., 20 in., 24 in., 30 in.					

\*Values are calculated, theoretical at 100% efficiency.  
\*\*Only light-duty bits are approved for use with Bobcat mini track loaders.



## NEAR-PERFECT GRADING TO EARN AND SAVE THOUSANDS.

If you're below grade, the extra concrete it takes to finish the job can cost you thousands of dollars. Bobcat offers a more profitable way to grade. Our laser-guided, sonic/slope sensor and 3D grading systems provide 0.25-inch accuracy for less staking, checking and rework, plus lower operating costs and improved material usage. These systems can potentially pay for themselves in just one job. Easy to use and install, automated grading systems allow even inexperienced operators to achieve near-perfect accuracy.

### CHOOSE FROM THREE DIFFERENT GRADE CONTROL SYSTEMS

#### FOR DIGITAL DESIGN EXECUTION AND 3D CONTROL: 3D SYSTEM

The plug-and-play 3D grade control system for Bobcat® loaders allows contractors to use digital designs and 3D machine control to quickly and accurately sculpt the land. It is approved for use with 96- and 108-inch heavy-duty attachments. The 3D system works off elevation coordinates set up around the jobsite, giving operators the ability to grade valleys, ditches, contours, sports fields, roads and highways, and residential properties.

SEE HOW IT WORKS: [BOBCAT.COM/3D](http://BOBCAT.COM/3D)



#### FOR NEW CONSTRUCTION AND OPEN AREAS: LASER-GUIDED SYSTEM

On new construction sites and other open areas, this system gives you unrivaled accuracy and material savings. It works with both the grader (models 84, 96 and 108) and box blade attachments. Both attachments produce great results on flat planes and single-slope applications (depending on the transmitter model). The box blade must travel up and down the slope while the grader can travel in any direction. The grader attachment will provide the best result for dual-slope surfaces.

- Automatically control grader or box blade
- Achieve accurate finish grading and improve operator productivity
- Excellent for concrete flatwork
- Includes a manual override function
- Quick mounting; fast setup and removal

#### SEE HOW IT WORKS:

[BOBCAT.COM/LASERSYSTEM](http://BOBCAT.COM/LASERSYSTEM)



#### WHEN FOLLOWING A STRINGLINE OR GRADING WITH OBSTACLES: SONIC TRACER/SLOPE SYSTEM

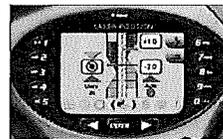
The sonic tracer/slope system provides maximum efficiency and accuracy on more complicated jobsites with columns or other obstacles that would block a laser transmitter. Available for 96- and 108-inch grader models, this system follows the terrain below the sonic tracer (which is mounted on one side of the grader) and maintains a consistent, predetermined cross-slope. It's a great solution for parking garages and bicycle or golf-cart paths. When the sonic tracer is disabled, the system can automatically control the cross-slope, and the operator can manually control the side of the blade on which the sonic tracer is mounted. This is useful when making first passes to provide a smooth surface for the sonic tracer to follow on the next pass.

SEE HOW IT WORKS: [BOBCAT.COM/SONIC](http://BOBCAT.COM/SONIC)



#### LASER AND SONIC SYSTEM DELUXE INSTRUMENT PANEL

Used as a control box to operate either the sonic/slope-tracer or laser-guided grading system, the optional deluxe instrument panel allows the operator to set the parameters of the grading system, receive real-time information, make adjustments and even switch to manual operation.



# TURN YOUR BOBCAT LOADER INTO A POWERFUL EXCAVATOR.



- Complete water and power line maintenance
- Dig drainage systems and water tanks
- Complete excavation jobs

With a range of backhoe models for most Bobcat® loaders, this attachment is powerful enough to handle full-time excavating jobs. Increase versatility even further with select X-Change™ attachments.

GENERAL	M55	75H	95H	6511
Operating Weight (without bucket)	665 lb. (310 kg)	1298 lb. (589 kg)	1620 lb. (735 kg)	2012 lb. (913 kg)
Dimensions				
Stabilizer Type	Fold-Down	Vertical	Vertical	Fold-Down
Stabilizer Spread Transport	41.8 in. (1062 mm)	58 in. (1422 mm)	54.1 in. (1374 mm)	70.3 in. (1756 mm)
Stabilizer Width, Pads Removed	36 in. (914 mm)	55 in. (1397 mm)		41 in. (1041 mm)
Stabilizer Spread Working	64.3 in. (1633 mm)	42.4 in. (1077 mm)	42.4 in. (1077 mm)	100.2 in. (2540 mm)
Ground Clearance	2 in. (51 mm)	7.8 in. (198 mm)	8.3 in. (212 mm)	4.1 in. (104 mm)
Digging Depth—Max.	76.2 in. (1935 mm)	95.1 in. (2416 mm)	119.6 in. (3042 mm)	135.7 in. (3448 mm)
Digging Depth—2 ft. Fall Bottom	72.5 in. (1841 mm)	95.5 in. (2426 mm)	118.1 in. (3000 mm)	134.8 in. (3424 mm)
Loading Height	33.9 in. (863 mm)	79.4 in. (2017 mm)	91 in. (2311 mm)	97.6 in. (2478 mm)
Reach from Swing Point	88 in. (2235 mm)	123.6 in. (3139 mm)	145.3 in. (3691 mm)	166 in. (4218 mm)
Swing Arc	150 deg.	160 deg.	160 deg.	160 deg.
Bucket Mounting System	Pin-on	X-Change system	X-Change system	X-Change system
Available Trenching Bucket Widths	9 in., 12 in. (229 mm, 305 mm)	13 in., 16 in., 20 in., 24 in. (330 mm, 406 mm, 508 mm, 610 mm)	12 in., 16 in., 18 in., 20 in., 24 in., 30 in., 36 in. (305 mm, 406 mm, 457 mm, 508 mm, 610 mm, 762 mm, 914 mm)	12 in., 15 in., 18 in., 20 in., 24 in., 30 in., 36 in. (305 mm, 406 mm, 457 mm, 508 mm, 610 mm, 762 mm, 914 mm)
Available Grading Bucket Width (Class I)			39 in. (991 mm)	39 in. (991 mm)

Approved Machines: Six-Wheel Steer Loader, Compact Track Loader, All-Wheel Steer Loader, M-In Track Loader



Bobcat.com/Backhoe

## BOB-TACH BACKHOE

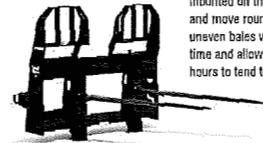
With the convenience of the Bob-Tach® mounting system, the backhoe mounts directly to the loader — no mounting kit or stabilizers required. The dipper swings left or right up to 48 degrees.

SPECIFICATIONS	
Operating Weight (without bucket)	750 lb. (340 kg)
Swing Angle	48 deg. left or right
Length	77 in. (1957 mm)
Width	50 in. (1270 mm)
Height	178 in. (452 mm)
Dig Depth	72 in. (1830 mm)
Reach	77 in. (1957 mm)
Dig Force Bucket	4.676 cf.
Bob-Tach X-Change System	Standard
Available Bucket Widths	13 in. (330 mm), 16 in. (406 mm), 20 in. (508 mm)

Approved Machines: Six-Wheel Steer Loader, Compact Track Loader



# LIFT, HAUL AND STACK HAY BALES EASILY AND EFFICIENTLY.



Two small-diameter forks, mounted on the frame, penetrate and move round, square or uneven bales with ease, saving time and allowing you more hours to tend to livestock.

**40.8 INCH**  
FORK LENGTH

- Two small-diameter tines penetrate the material
- Mounts to standard or heavy-duty pallet fork attachment frame

Bobcat.com/AllAttach

For specifications and more information visit Bobcat.com/compact-loader-backhoe



# GRADE WITH THE ACCURACY AND DURABILITY OF THE BOX BLADE.



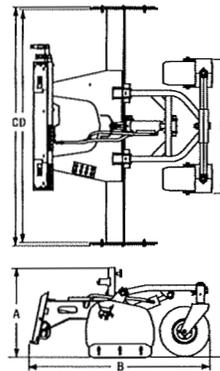
Use the Bobcat® box blade to do the job fast while reducing costly material waste.



SEE THE BOX BLADE AT WORK:  
[BOBCAT.COM/BOXBLADEVIDEO](http://BOBCAT.COM/BOXBLADEVIDEO)

**OPERATE MANUALLY FOR ROUGH GRADING AND LANDSCAPING.**  
 On its own, the box blade excels at rough grading and landscaping, filling in low spots, or carrying and spreading materials with its box end wings to bring a surface close to grade. The front bolster on the box blade can be raised or lowered to control the height of the cutting edge. Lower the cutting edge to cut and raise it to dump the material.

**USE LASER CONTROL FOR SUPERIOR ACCURACY.**  
 With the automatic laser control system, the laser receiver follows a plane of light emitted by the transmitter to control the height of the bolster and cutting edge, achieving ±0.25-inch accuracy. You can quickly change from automatic to manual mode by clicking a button on the control handles. Pair it with the deluxe instrument panel for increment/decrement control, and to receive real-time information in the cab, such as blade position relative to target and distance above or below grade.



**FOAM-FILLED TIRES**  
 Tires are filled with foam to eliminate flats. They also provide excellent flotation to keep the box blade moving smoothly over the work area.

**OSCILLATING BOLSTER**  
 Increases first-pass accuracy by minimizing the effect of uneven ground.

SPECIFICATIONS	BOX BLADE	LASER-GUIDED BOX BLADE
Operating Weight	530 lb (445 kg)	1020 lb (464 kg)
Height (A)	32 in (813 mm)	32 in (813 mm)
Control Knobs (B)	64.3 in (1633 mm)	64.3 in (1633 mm)
Length (C)	65.5 in (1673 mm)	65.5 in (1673 mm)
Wingboard Width (D)	84 in (2134 mm)	84 in (2134 mm)
Bolster Width (E)	49.3 in (1227 mm)	49.3 in (1227 mm)
Wingboard Curving Edge (over R/R)	0.5 in ± 6 in (13 mm ± 152 mm)	0.5 in ± 6 in (13 mm ± 152 mm)
Grade Accuracy with Laser	-	±0.25 in (6 mm)

Approved Machines: S410 Skid Steer Loader, Compact Trax® Loader, A2 Wheel Steer Loader, Trax® Utility Work Machine

**FOR MORE INFORMATION:**

Check out Bobcat® automatic grade control on page 22.

## BORING UNIT

# INSTALL CABLE AND FLEXIBLE PIPE WITHOUT TEARING UP PAVED AREAS.



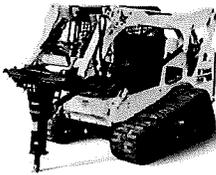
The boring unit attachment bores horizontally to accommodate pipe or cable up to 4 inches in diameter. After boring, the attachment works to pull the pipe or cable through the hole. Mount the drive head from the front of the loader in three positions: on the center, right or left side. This allows the attachment to be positioned directly next to buildings and obstacles, exactly where boring operation is desired.

- Install electrical, telephone and television cables
- Install irrigation lines and flexible water pipes for sprinkler systems
- Bore up to 2 feet deep and up to 30 feet horizontally

**30 FOOT**  
 HORIZONTAL BORING DISTANCE

SPECIFICATIONS	
Weight (without tire)	130 lb (59 kg)
Width	30 in (762 mm)
Height	17.5 in (445 mm)
Length	20.6 in (520 mm)
Max Recommended Boring Distance	30 ft (9 m)

Approved Machines: S410 Skid Steer Loader, M4 Trax Loader



**BREAK  
CONCRETE  
FASTER**  
AND CUT THROUGH  
ROCKS EASIER.



ALL IT TAKES IS THE HYDRAULIC BREAKER TO DEMOLISH THE JOB FAST.

- Most models can quickly mount to a loader or excavator
- Virtually maintenance-free

**150-1,000 FT.-LB.**  
IMPACT ENERGY CLASS



**OPTIONS AND ACCESSORIES**  
**BREAKER BITS:** A wide variety of breaker tools ensures you can always use the right tool for the task at hand.

**CONSTANT POWER, CONSISTENT PRODUCTIVITY.**  
Most other manufacturers' breakers fire the piston with compressed nitrogen, which is subject to leaks during use that decrease performance. Bobcat® breakers use hydraulic oil flow to fire the breaker while nitrogen assists the piston's return to the firing position. Hydraulic oil cools the piston and breaker walls, preventing wear and extending the life of your attachment. This design delivers peak power while requiring less recharging and virtually no energy-chamber maintenance.

**CYLINDRICAL BREAKER CRAWLE**  
This design improves job access and accuracy in confined areas.

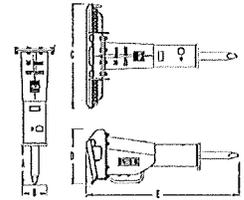
**EASY MOUNTING AND CARRIER VERSATILITY**  
Quickly mount and remove, or switch from a loader to excavator and back, with the Bob-Tach® and X-Change™ attachment mounting systems.

**LOW-MAINTENANCE DESIGN**  
The breaker has only 12 main service parts, meaning fewer breakdowns can occur, and if they do, the breaker is easy to repair, right in the field.

**AUTOMATIC POWER REGULATION**  
Automatic pressure regulation further ensures consistent performance, regardless of changes in outdoor temperature and across multiple carrier types. It also limits excessive pressure at the time of start-up, preventing wear and potential downtime.

**INCLUDED GO/NO-GO GAUGE**  
Quickly check the gauge to see whether it's time to replace critical components. There's no measuring required.

**SINGLE LOWER BUSHING**  
All models have just one lower bushing that is easy to replace.



MODEL	HB600	HB800	HB900	HB1100	HB1300	HB2300
<b>Performance</b>						
Impact Energy Class	150 ft.-lb. (200 J)	300 ft.-lb. (407 J)	550 ft.-lb. (659 J)	750 ft.-lb. (1015 J)	850 ft.-lb. (1152 J)	1000 ft.-lb. (1350 J)
CFM Fuel Energy Rating	143 ft.-lb. (194 J)	297 ft.-lb. (392 J)	222 ft.-lb. (292 J)	304 ft.-lb. (402 J)	515 ft.-lb. (690 J)	700 ft.-lb. (950 J)
Flow Per Minute	1340 @ 13 gpm	1310 @ 17 gpm	1450 @ 21 gpm	1320 @ 26 gpm	1230 @ 33 gpm	910 @ 33 gpm
Flow Requirements	7-13 gpm (28-49 L/min)	8-17 gpm (30-64 L/min)	12-21 gpm (45-80 L/min)	15-26 gpm (57-89 L/min)	17-32 gpm (65-120 L/min)	20-33 gpm (76-125 L/min)
Estimated Breaker Performance with Concrete						
Recommended Working Thickness	2-4 in. (50-100 mm)	4-10 in. (100-250 mm)	6-14 in. (150-350 mm)	8-10 in. (190-250 mm)	10-18 in. (250-450 mm)	12-20 in. (300-500 mm)
Detachable Volume Per Hour	1-4 yd <sup>3</sup> /hr (0.8-3.1 m <sup>3</sup> /hr)	4-12 yd <sup>3</sup> /hr (3.1-9.2 m <sup>3</sup> /hr)	5-15 yd <sup>3</sup> /hr (3.6-11.5 m <sup>3</sup> /hr)	6-15 yd <sup>3</sup> /hr (4.6-11.5 m <sup>3</sup> /hr)	8-18 yd <sup>3</sup> /hr (6.1-13.8 m <sup>3</sup> /hr)	10-20 yd <sup>3</sup> /hr (7.6-15.3 m <sup>3</sup> /hr)
Backfeed	1-3 yd <sup>3</sup> /hr (0.8-2.3 m <sup>3</sup> /hr)	1-4 yd <sup>3</sup> /hr (0.8-3.1 m <sup>3</sup> /hr)	2-6 yd <sup>3</sup> /hr (1.5-4.9 m <sup>3</sup> /hr)	2-7 yd <sup>3</sup> /hr (1.5-5.3 m <sup>3</sup> /hr)	3-9 yd <sup>3</sup> /hr (2.3-8.1 m <sup>3</sup> /hr)	4-8 yd <sup>3</sup> /hr (3.1-6.9 m <sup>3</sup> /hr)
<b>Weights</b>						
Breaker with Tool Point and Loader Mounting Frame	494 lb. (224 kg)	726 lb. (324 kg)	876 lb. (397 kg)	1050 lb. (476 kg)	1161 lb. (527 kg)	1215 lb. (551 kg)
Breaker with Tool Point, Excavator Piling Cap and Loader X-Change Frame	632 lb. (287 kg)	769 lb. (357 kg)	1062 lb. (480 kg)	1130 lb. (513 kg)	-	-
<b>Dimensions</b>						
Tool Length (A)	13 in. (330 mm)	13 in. (330 mm)	14 in. (356 mm)	16 in. (406 mm)	17 in. (432 mm)	18 in. (457 mm)
Breaker Lower (B) Grapple Diameter	7.3 in. (186 mm)	8.4 in. (214 mm)	8.8 in. (223 mm)	9.5 in. (241 mm)	9.6 in. (244 mm)	8.7 in. (220 mm)
Width (C) Loader Excavator Frame	45.4 in. (1152 mm)	45.4 in. (1152 mm)	45.4 in. (1152 mm)	45.4 in. (1152 mm)	45.4 in. (1152 mm)	45.4 in. (1152 mm)
Height (D) Loader Excavator Frame	20.5 in. (520 mm)	23.5 in. (597 mm)	23.5 in. (597 mm)	20.5 in. (520 mm)	20.5 in. (520 mm)	20.5 in. (520 mm)
Length (E) Loader Excavator Frame	44.7 in. (1136 mm)	52.9 in. (1344 mm)	55.9 in. (1421 mm)	60.3 in. (1533 mm)	64.9 in. (1647 mm)	68.7 in. (1745 mm)
Tool Diameter	2.2 in. (55.1 mm)	2.6 in. (65 mm)	2.8 in. (71.1 mm)	3 in. (76.2 mm)	3.4 in. (85 mm)	3.8 in. (95 mm)

Approved Machines: 600 Series Loader, Compact Trac Loader, All-Wheel Steer Loader, Mini Excavator, Mini Tractor

COMPACT LOADER

# GET A SMOOTH CUT ON UNEVEN TERRAIN.

The Brushcat™ rotary cutter is available with cutting widths from 66 to 80 inches and a cutting height of 3 inches. The rotary cutter easily cuts overgrown grass, brush and small trees, transforming undergrowth into mulch. On a slope, the Brushcat cutter moves parallel with the ground. There's no need to double back for an even cut.

### A MORE MANEUVERABLE SHORT-DECK DESIGN

The short deck reduces weight, increases visibility and allows tighter turning. It also leaves more room on the trailer for hauling.

### SELF-ADJUSTING, PIVOTING FLOTATION LINKAGE

Increases first-pass accuracy by minimizing the effect of uneven ground.

### DUAL OFFSET MOTORS

Dual direct-drive motors provide ample power in a small package for tough brush-removal jobs.

### OFFSET BLADE

Offset blade with a 1.5-inch blade overlap provides a wide, uniform cut.

### DIRECT DRIVE

Efficiently transfers hydraulic power straight through to the blades. High-flow models increase available torque for even better performance in thick brush.

### FRONT DISK

Allows the attachment to traverse uneven terrain with minimal skips and gouging – and with less operator input.

### PATENTED BLADE SHUTOFF

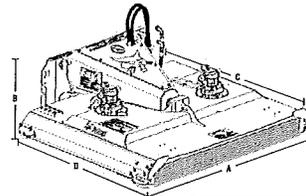
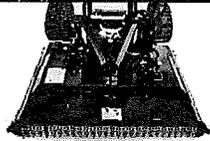
Stops blade rotation when the rear roller is raised.

### REAR TAPERED ROLLER

Shields debris from flying out the back of the cutting deck and adds maneuverability for gouge-free turns. It also protects when driving near air-conditioning units, windows or people.

*For clearing brush and small trees, see the Roll cutter on page 41.*

*For 72- and 90-inch mower attachments, see page 52.*



## Bobcat. ADVANTAGE™

PERFORMANCE COMPARISON  
Compare Bobcat® design and performance to the other manufacturers' rotary cutters.

BOBCAT.COM/BRUSHCATVIDEO

Complies with SAE J232 and ASAE S463 industrial rotary cutter standards.

### OPTIONS AND ACCESSORIES

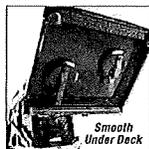
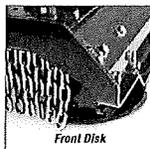
OFFSET BLADE KIT: Provides 4-inch cutting height.

MOTOR COVERS: Shield motors from debris.

FRONT ROLLERS: Allow the attachment to traverse uneven terrain with minimal skips and reduce operator fatigue.

MODEL	66 IN. STANDARD FLOW	66 IN. HIGH FLOW	72 IN. STANDARD FLOW	72 IN. HIGH FLOW	80 IN. HIGH FLOW
Operating Weight	1437 lb (651 kg)	1437 lb (651 kg)	1501 lb (680 kg)	1501 lb (680 kg)	1551 lb (717 kg)
Cutting Capacity	Cut through up to 3 inches diameter				
Hydraulic Flow Range	15.24 gpm (57.91 L/min)	24.36 gpm (91.136 L/min)	15.26 gpm (57.93 L/min)	24.49 gpm (91.151 L/min)	24.49 gpm (91.151 L/min)
Blade Ht/Speed					
Min. Flow	1159 ft <sup>3</sup> /min (32.47 m <sup>3</sup> /min)	1154 ft <sup>3</sup> /min (32.42 m <sup>3</sup> /min)	922 ft <sup>3</sup> /min (26.02 m <sup>3</sup> /min)	922 ft <sup>3</sup> /min (26.02 m <sup>3</sup> /min)	1002 ft <sup>3</sup> /min (28.33 m <sup>3</sup> /min)
Max. Flow	1523 ft <sup>3</sup> /min (42.8 m <sup>3</sup> /min)	1704 ft <sup>3</sup> /min (48.2 m <sup>3</sup> /min)	1717 ft <sup>3</sup> /min (48.4 m <sup>3</sup> /min)	1636 ft <sup>3</sup> /min (46.1 m <sup>3</sup> /min)	1819 ft <sup>3</sup> /min (51.55 m <sup>3</sup> /min)
Cutting Width	66 in. (1676 mm)	66 in. (1676 mm)	72 in. (1828 mm)	72 in. (1828 mm)	80 in. (2032 mm)
Cutting Height	3 in. (76 mm)	3 in. (76 mm)	3 in. (76 mm)	3 in. (76 mm)	3 in. (76 mm)
Overall Width (A)	70.3 in. (1786 mm)	70.3 in. (1786 mm)	76.3 in. (1938 mm)	76.3 in. (1938 mm)	81.3 in. (2067 mm)
Overall Height (B)	55.5 in. (1410 mm)	55.5 in. (1410 mm)	55.5 in. (1410 mm)	55.5 in. (1410 mm)	55.5 in. (1410 mm)
Overall Length (C)	67.2 in. (1707 mm)	67.2 in. (1707 mm)	70.4 in. (1783 mm)	70.4 in. (1783 mm)	73.8 in. (1875 mm)
Deck Length (D)	61.1 in. (1552 mm)	61.1 in. (1552 mm)	64.3 in. (1633 mm)	64.3 in. (1633 mm)	67.7 in. (1720 mm)

Approved Machines: Side Shift Loader, Compact Track Loader, All Wheel Steer Loader, Bobcat® Utility Work Machine



COMPACT LOADER

## BRUSH SAW

# CUT AWAY BRUSH AND CLEAR SMALL TREES.

Clear the way with the Bobcat® brush saw attachment. This heavy-duty attachment saws off small trees flush with the ground or even a little below the surface. Position the boom manually in up to three positions – center, or 12 degrees left or right – to operate with excellent visibility of the cutting, clearing action.



BRUSH SAW*	
Operating Weight	590 lb (268 kg)
Width	43 in. (1091 mm)
Length	65 in. (1651 mm)
Height	23.5 in. (597 mm)
Cutting Wheel Diameter	23.5 in. (597 mm)
Max. Wheel Ht/Speed	23.5 ft/min (922 m/min) @ 24 gpm
Number of Teeth	15
Degree of Angle	12 deg
Hydraulic Flow	15.24 gpm (57.91 L/min)

\*As Special Applications Kit must be installed on the loader when installing the brush saw attachment.  
Approved Machines: Side Shift Loader, Compact Track Loader, All Wheel Steer Loader

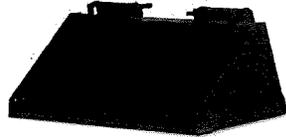
# THE BEST-BUILT BUCKET IN THE INDUSTRY.

Don't accept limitations. Ask for Bobcat® buckets. They're built tougher to work harder.

## FOR LIGHTER-DUTY JOBS:

### GENERAL PURPOSE AND DIRT BUCKETS

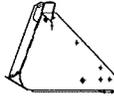
For daily use with smaller Bobcat loaders or occasional use on some of our larger machines, you can't beat the versatility of Bobcat general purpose and dirt buckets. The skid-bar design provides wear protection to the bucket bottom, backs up the cutting edge and adds strength to the bottom of the bucket. A flat back on the bucket exterior provides a secure mount for the Bob-Tach® system. A round back inside the bucket enhances loading and cleanout. A replaceable 0.5- by 4-inch high-carbon steel cutting edge provides a long bucket life.



### BUCKET, DIRT

The standard bucket on smaller Bobcat loaders.

- Similar to general purpose bucket, but with a shorter bottom and low back
- Fair cutting edge visibility
- Excellent bucket breakout force



### OPTIONS AND ACCESSORIES

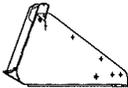
**BOLT-ON TEETH:** Help chew through tough digging conditions.

**BOLT-ON CUTTING EDGE:** Provides longer life to your bucket.

### BUCKET, GENERAL PURPOSE

The standard bucket for Toolcat™ machines and a good choice for low-hour users on some larger loaders. General purpose buckets are ideal for light-duty grading and leveling applications as well as material handling.

- Similar to dirt bucket with a longer bottom
- Perfect for light-duty grading, leveling and material handling
- Excellent cutting edge visibility
- Good bucket breakout force



## Bobcat ADVANTAGE

### STRENGTH CHALLENGE

Your bucket must withstand severe applications. In this test, see how competitive buckets react to the forces placed upon them by a loader. See which bucket has the least deflection and the most strength.

[BOBCAT.COM/BUCKETVIDEO](http://BOBCAT.COM/BUCKETVIDEO)



## FOR HEAVY-DUTY JOBS:

### CONSTRUCTION/INDUSTRIAL AND LOW-PROFILE BUCKETS

With more durability for your toughest jobs, nothing provides longer wear in extreme applications.

### BUCKET, CONSTRUCTION/INDUSTRIAL (C/I)

The standard for performance and strength.

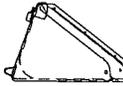
- Highest breakout forces
- Good cutting edge visibility
- Shorter bottom and less capacity



### BUCKET, LOW-PROFILE

This is the most popular Bobcat bucket. Low-profile buckets are ideal for grading, leveling, carrying, loading and other material handling.

- Good breakout force
- Excellent cutting edge visibility
- Similar to the C/I bucket, but with slightly longer bottom for better visibility and increased capacity



### BUCKET, HEAVY-/SEVERE-DUTY CONSTRUCTION/INDUSTRIAL (C/I)

Designed for larger Bobcat loaders and compact track loaders. These buckets are built even stronger than C/I and low-profile buckets.

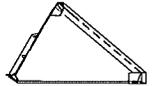
- 0.75 x 8 inch (HD) or 1 x 8 inch (SD) high-carbon steel cutting edge
- More capacity than C/I or low-profile buckets
- Double-walled top crossmember
- Stronger mounting frame
- Higher back and longer bottom
- Thicker and taller side cutting edges



## SPECIALTY BUCKETS:

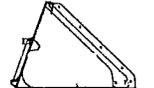
### BUCKET, FERTILIZER AND GRAIN

- Move large volumes of granular material
- Minimum spillage thanks to an increased rollback feature



### BUCKET, SNOW AND LIGHT MATERIAL

- Ideal for handling large, low-density materials
- Large-capacity buckets with a high-back design
- Sizes range from 68 to 100 inches wide



### BUCKET, ROCK

- Skeletal design collects rocks while leaving soil behind
- Heavy-duty models ranging from 62 to 82 inches wide



Most Bobcat® buckets use the equipment with proper attachment for handling heavy-duty loads. Bobcat buckets are designed for heavy-duty work.

STRENGTH TEST RESULTS AVAILABLE AT [BOBCAT.COM/BUCKETVIDEO](http://BOBCAT.COM/BUCKETVIDEO)

COMPACT LOADER

# CUSTOMIZE YOUR BUCKETS.

**WELD-ON CUTTING EDGE**  
Provides longer life to your bucket.

**WELD-ON SHANKS**  
Offer strength and durability.

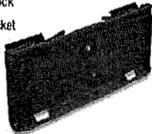


## TILT-TATCH DEVICE

### OSCILLATE ATTACHMENTS 15 DEGREES RIGHT OR LEFT.

Get more work out of Bobcat® attachments with an effective 15-degree twist to the right or left. The Tilt-Tatch™ unit connects as an interface between the carrier and non-hydraulic attachments and is controlled directly from the operator's seat.

- Load or unload pallets of materials such as lumber, shingles, siding, fencing and block
- Dig a drainage ditch with the corner of a bucket
- Cut a level path on a hillside
- Keep a load level on uneven terrain



SPECIFICATIONS	
Dressing Weight	120 lb (115 kg)
Length	43 in (109 cm)
Width	49 in (124 cm)
Height	20 1/4 in (518 mm)
Rotation	±15 deg

Approved Machines: S-18 Steel Loader, Compact Track Loader, Tool-Aid™ Utility Work Machine

COMPACT LOADER

## REPLACEMENT CUTTING EDGES WILL HELP YOU KEEP YOUR COMPETITIVE EDGE.



BOLT-ON CORNER CUTTING EDGE



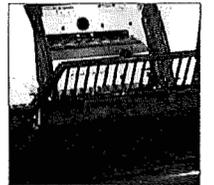
BOLT-ON CUTTING EDGE



BOLT-ON SIDE GUARD



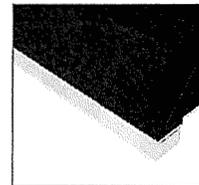
BUCKET BITE™ TOOTH BAR



BUCKET SPILL GUARD



GRAPPLE ATTACHMENTS



POLYURETHANE CUTTING EDGE



REPLACEMENT TEETH

# DON'T HAUL BRANCHES AND OTHER DEBRIS TO THE ROAD – CHIP IT ON THE SPOT.



**REMOTE ATTACHMENT CONTROL**  
Safely start and stop the machine and chipper from outside the loader.

Be prepared for a big cleanup. This chipper goes where the trees fall and the branches are down. Using a powerful disk chipping action, this attachment continuously chips materials – trees, limbs, branches, saplings and more – up to 5 inches in diameter. It's ideal for tree removal, pruning services, municipalities, parks and recreation, rentals, and personal property maintenance.

SPECIFICATIONS	5A CHIPPER	6B CHIPPER
Operating Weight	1145 lb (519 kg)	1692 lb (753 kg)
Continuous Chipping Size	Up to 3 in (76 mm) diameter material	Up to 5 in (127 mm) diameter material
Feed Table Height	23.5 in (597 mm)	25.4 in (645 mm)
Discharge Chute Height	92 in (2337 mm)	93.3 in (2370 mm)
Feeder Choking	5 in (127 mm)	9.2 in (234 mm)
Backs	4 removable back shed blades	4 removable back shed blades
Dual Mounting Locations	Feed from front or right side of loader	Feed from front or right side of loader
Discharge Chute	Roll-over 360 deg.	Roll-over 360 deg.

Approved Machines: Solid Steer Loader, Compact Track Loader, All Wheel Steer Loader, Tractor™ Utility Work Machine

This multi-use attachment can be used as a bucket for loading, carrying and dumping; as a grapple for handling odd-shaped objects; or for dozing, leveling and spreading material with the clamshell open.

**CUSTOMIZE YOUR BUCKET FOR THE JOB.**  
Check out Bobcat® bucket accessories on page 34.



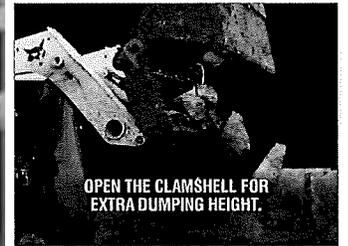
USE THE CLAM-SHELL TO CARRY LOADS OF MATERIAL.



USE THE CLAM-SHELL BUCKET AS A STOWING BUCKET.



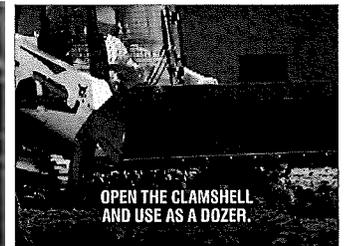
USE THE COMBINATION BUCKET AS A GRAPPLE.



OPEN THE CLAM-SHELL FOR EXTRA DUMPING HEIGHT.



OPEN THE CLAM-SHELL AND USE THE BUCKET FOR DOZING, LEVELING AND SPREADING MATERIAL.



OPEN THE CLAM-SHELL AND USE AS A DOZER.

## BUCKET, COMBINATION

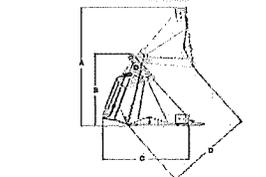
# USE AS A BUCKET, AS A GRAPPLE, OR FOR DOZING, LEVELING AND SPREADING MATERIAL.



**BOLT-ON CORNER CUTTING EDGES**  
Protect the corners of your bucket; reversible.

**REINFORCED BUCKET BOTTOM AND CLAM-SHELL**  
Improves strength and rigidity.

**INTERLOCKING SERRATED GRAPPLE EDGES**  
Hold objects securely – even heavy or odd-shaped materials.



SPECIFICATIONS	62 IN.	68 IN.	74 IN.	80 IN.	84 IN.
Overall Width	62.5 in (1588 mm)	63.5 in (1610 mm)	75.5 in (1927 mm)	81.4 in (2069 mm)	82.4 in (2097 mm)
Rated Capacity	10.7 cu (0.3 m³)	11.8 cu (0.3 m³)	13.4 cu (0.4 m³)	14.3 cu (0.4 m³)	13.2 cu (0.4 m³)
Operating Weight	607 lb (266 kg)	652 lb (297 kg)	693 lb (314 kg)	1075 lb (453 kg)	1109 lb (503 kg)
Number of Tines	7	7	8	8	9
Open Bucket Height (A)	39.5 in (1004 mm)	39.5 in (1004 mm)	39.5 in (1004 mm)	48.8 in (1239 mm)	48.8 in (1239 mm)
Closest Bucket Height (B)	28.3 in (719 mm)	28.3 in (719 mm)	28.3 in (719 mm)	33.6 in (854 mm)	33.6 in (854 mm)
Length (C)	34.6 in (879 mm)	34.6 in (879 mm)	34.6 in (879 mm)	33.9 in (861 mm)	33.9 in (861 mm)
Max. Bucket Opening (D)	30 in (762 mm)	30 in (762 mm)	30 in (762 mm)	39.9 in (1014 mm)	39.9 in (1014 mm)
Max. Comp. Lifting Force	6393 lb (2855 kg)	6393 lb (2855 kg)	6579 lb (2985 kg)	6324 lb (2869 kg)	6324 lb (2869 kg)

Approved Machines: S-40 Steer Loader, Compact Track Loader, All Wheel Steer Loader, Mini Tractor Loader, Tractor™ Utility Work Machine, Versalift™ DLEP™ TTC

# MIX CONCRETE WHERE AND WHEN YOU NEED IT, WITHOUT WAITING FOR A TRUCK.

Don't waste time or effort running hose. Bring the mixer to the mortar, gravel or sand and water, then pour concrete immediately, right where you need it. The concrete mixer transports, mixes and dumps concrete faster than a traditional stand-alone mixer and wheelbarrow – even in hard-to-reach areas. Its small size makes it perfect for sidewalks, driveways, finish work, fence posts and footings or floors of small buildings.



**REMOTE ATTACHMENT CONTROL**  
Safely start and stop the machine and concrete mixer from outside the loader.

SPECIFICATIONS	
Operating Weight	440 lb (200 kg)
Length	43.2 in. (1099 mm)
Width	45.2 in. (1148 mm)
Height	40.1 in. (1020 mm)
Recommended Drum Speed	20 rpm (41.1 U/min) @ 11 gpm
Batch Capacity	6.9 cu ft (0.19 m <sup>3</sup> )
Rotation	81 rotated
Chain	No 50 steel roller
Hydraulic Flow Requirement	9.20 gpm (34.78 L/min)

Approved Machines: Skid Steer Loader, Compact Track Loader, All Wheel Steer Loader

# TURN YOUR LOADER OR UTILITY WORK MACHINE INTO A MINI DOZER.

The Bobcat® dozer blade attachment pushes large amounts of material quickly and easily on excavating and grading jobs that would otherwise require dedicated equipment. Adjustable skid shoes provide depth control as well as forward and reverse grading action. Choose from widths ranging from 54 to 96 inches.



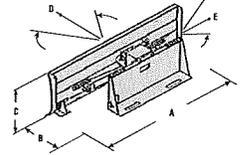
**ADJUSTABLE DEPTH GUIDES**  
Adjustable skid shoes guide and control the depth of the dozer blade.

**OPERATE IN FORWARD OR REVERSE**  
Delivers optimum grading action in either direction.

**CAST DESIGN (96-INCH BLADE)**  
Designed for handling the toughest applications, the 96-inch dozer blade model features an all-cast design for maximum strength and productive dozing.

**REVERSIBLE CUTTING EDGE**  
Increases the versatility of the attachment and increases uptime – giving you more time between blade exchanges.

- Create runoff grades
- Sculpt landscape areas
- Backfill around foundations
- Level, pile or grade loose dirt, gravel or sand



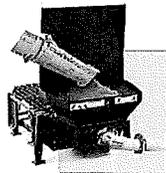
SPECIFICATIONS	64 IN.	80 IN.	90 IN.	96 IN.
Operating Weight	310 lb (141 kg)	590 lb (268 kg)	937 lb (425 kg)	1560 lb (708 kg)
Width (A)	54 in. (1372 mm)	80 in. (2032 mm)	90 in. (2286 mm)	96 in. (2438 mm)
Length (B)	27.7 in. (704 mm)	33 in. (838 mm)	33 in. (838 mm)	31.0 in. (787 mm)
Blade Height (C)	20 in. (508 mm)	24 in. (610 mm)	24 in. (610 mm)	25.2 in. (642 mm)
Working Width	46.8 in. (1189 mm)	69.5 in. (1767 mm)	78 in. (1981 mm)	83.9 in. (2121 mm)
Angle (D)	a:30 deg	a:30 deg	a:30 deg	a:30 deg
Depth Control (E)	a:0 deg	a:0 deg	a:0 deg	a:10 deg
Cutting Edge	0.4 in. x 4 ft	0.5 in. x 6 ft	0.6 in. x 6 ft	0.6 in. x 6 ft
Skid Shoes	(11 mm x 102 mm) reversible	(11 mm x 152 mm) reversible	(11 mm x 152 mm) reversible	(19 mm x 152 mm) reversible
Adjustment	Adjustable	Adjustable	Adjustable	Adjustable

Approved Machines: Skid Steer Loader, Compact Track Loader, All Wheel Steer Loader, Mini Track Loader, Bobcat® Utility Work Machine

## CONCRETE PUMP

SPECIFICATIONS	
Width	47.5 in. (1216 mm)
Length	102.9 in. (2619 mm)
Height	54 in. (1365 mm)
Operating Weight	2200 lb (998 kg)
Saving Tube Outer Diameter	5 in. (127 mm)
Concrete Cylinder Diameter	6 in. (152 mm)
Concrete Cylinder Stroke	24 in. (607 mm)
Hydraulic Flow Range	15-50 gpm (57-191 L/min)
Pumping Rate	0.5 to 30 yd <sup>3</sup> (23 m <sup>3</sup> )
Material Cylinder Diameter	3 in. (76 mm)
Max Aggregate Size	1.5 in. (38 mm)
Vertical Pumping Height	10 to 50 ft. (3 to 15 m)
Horizontal Pumping Distance	250 ft. (76 m)
Hooper Capacity	10 ft <sup>3</sup> (0.28 m <sup>3</sup> ) with fold-down agitator

**POUR CONCRETE IN DIFFICULT-TO-REACH SITES.**  
No more mud buggies, loaders with buckets, wheelbarrows, shovels or chutes. Depending on working conditions, this attachment can pump concrete as far as 250 feet horizontally and up to two stories vertically. Standard-flow loaders can place concrete up to 18 cubic yards per hour. A high-flow loader can place up to 30 cubic yards per hour.



**OPTIONAL REMOTE CONTROL KIT**  
Operator can start the pump from the ground without entering the loader.

## DIGGER

**POWERFUL, EFFICIENT DIGGING IN FORWARD AND REVERSE**  
The digger attachment acts like a shovel, but since the loader does the work, you save time and manual labor.

SPECIFICATIONS	DIG DEPTH	OPERATING WEIGHT
125	28 in. (711 mm)	200 lb (91 kg)
25 inch	49 in. (1249 mm)	299 lb (132 kg)
30 inch	49 in. (1249 mm)	307 lb (139 kg)
36 inch	49 in. (1249 mm)	325 lb (147 kg)

Approved Machines: Skid Steer Loader, Compact Track Loader, Mini Track Loader

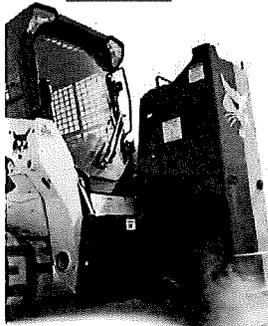


COMPACT LOADER

# DEMOLISH

PARKING LOTS, DRIVEWAYS AND OTHER  
FLAT CONCRETE SLABS.

The drop hammer delivers more than 3,600 foot-pounds of impact energy combined with a fast cycle time of 20 blows per minute to break and demolish concrete. It fractures material below, leaving the surface free of jagged debris.



SPECIFICATIONS	
Overall Weight	1925 lb. (873 kg)
Weight of boom	1140 lb. (517 kg)
Height (boom fully retracted)	74 in. (1880 mm)
Length	29 in. (737 mm)
Hammer Stroke	39 in. (985 mm)
Impact Energy Rating	3500 ft.-lb. (4681 J)
Required Flow	13.22 gpm (49.2 G.3.3 L/min)
Stroke Rate Per Minute	20
Max. Concrete Thickness	14.6 in. (371 mm)
Max. Concrete Thickness	(356-457 mm)
Min. Concrete Thickness	5 in. (127 mm)

Approved Machines: S-68 Steer Loader, Compact Tractor Loader, All Wheel Steer Loader

### DROP HAMMER VS. BREAKER: WHICH ONE IS RIGHT FOR THE JOB?

Breakers are versatile demolition tools that allow a precision strike to break material apart. They're perfect for a wide variety of concrete structures. A drop hammer is best suited to larger, flat areas. The drop hammer delivers more force per strike, shattering the material with fewer blows. Compared to standard hydraulic breakers, the drop hammer also generates less vibration and noise, meaning less wear on the machine and a quieter environment for the operator and bystanders.



COMPACT LOADER

# CLEAR BRUSH AND SMALL TREES.

With a cutting width of 78 inches, the flail cutter delivers excellent cutting and mulching action.

### VARIABLE DISPLACEMENT MOTOR

The variable displacement motor allows you to match the attachment to your carrier's capabilities with a simple adjustment of the hydraulic flow. This feature is critical in the rental market. Use on machines with hydraulic flows ranging from 17 to 40 gpm.

### THREE CUTTING HEIGHTS

Adjustable cutting height for a variety of terrains and brush types.

### AUTOMATIC BLADE SHUTOFF DEVICE

When the flail cutter is raised off the ground, flail rotation stops to prevent debris from being thrown.

### ADJUSTABLE REAR GATE

Open or close to vary the size of discharge opening.

### FLOATING LINKAGE

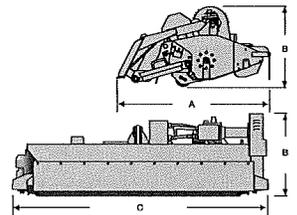
The flail cutter floats over ground contours, maintaining surface contact for the best possible cutting performance.

### FULL-WIDTH, ADJUSTABLE TAPERED REAR ROLLER

Provides greater turning ability during operation, making it easier to maneuver the flail cutter in tight areas.

### COMPLIANCE

Complies with the SAE J1001 standard for industrial flail mowers.



SPECIFICATIONS	
Operating Weight	1020 lb. (463 kg)
Length (A)	56.9 in. (1445 mm)
Height (B)	29.7 in. (754 mm)
Cutting Width	78 in. (1981 mm)
Overall Width (C)	91 in. (2311 mm)
Flow	17-40 gpm* (64-151 L/min)
Hammers	21
Cutting Capacity	8-inch material up to 3/8-inch diameter
Blade To Speed	6000 ft./min. @ 2000 rpm 6000 ft./min. @ 2200 rpm

\*For maximum performance, the flail cutter is best loaded with 20 to 37 gpm (controlled by hydraulic flow).

Approved Machines: S-68 Steer Loader, Compact Tractor Loader, All Wheel Steer Loader, Tractor Utility Work Machine, Versal/ADLER® TFC

### WHEN TO CHOOSE A FLAIL CUTTER OVER A ROTARY CUTTER

The flail cutter produces a finer mulching action and minimizes the bunching of material that can occur when cutting thicker brush. It also has a tighter turning radius and more flotation than the Brushcator® rotary cutter. A rotary cutter produces a more uniform cut. Either attachment will cut down branches and saplings up to 3 inches in diameter.

For more information on the Brushcator rotary cutter, see page 30.

For 72- and 90-inch mower attachments, see page 52.

Bobcat.com/FlailCutter

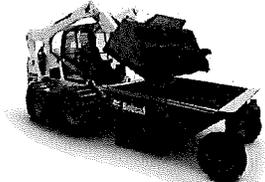
# DUMPING HOPPER

### MOVE MORE MATERIAL AND GO WHERE DUMP TRUCKS CAN'T.

The dumping hopper mounts easily on a Bobcat® loader and can be transported, detached and parked in construction sites, backyards, buildings or wherever it is needed to receive or dump materials. The large-capacity, easy-to-fill hopper empties quickly and easily, saving time on back-and-forth trips between a dumpsite or receiving truck.

SPECIFICATIONS	MODEL 10	MODEL 25
Operating Weight	665 lb. (302 kg)	1150 lb. (540 kg)
Height	49 in. (1016 mm)	40 in. (1016 mm)
Capacity		
- Truck	25.7 ft. <sup>3</sup> (0.73 m <sup>3</sup> )	67.5 ft. <sup>3</sup> (1.92 m <sup>3</sup> )
- Hopper	29.7 ft. <sup>3</sup> (0.84 m <sup>3</sup> )	67.9 ft. <sup>3</sup> (2.0 m <sup>3</sup> )
Length	83 in. (2108 mm)	63 in. (1600 mm)
Width	26 in. (660 mm)	84 in. (2133 mm)

Approved Machines: S-68 Steer Loader, Compact Tractor Loader, All Wheel Steer Loader



Bobcat.com/AllAttach

Bobcat. For specifications, dealer and product information, visit Bobcat.com/company-info/terms-of-use

For specifications, dealer and product information, visit Bobcat.com/company-info/terms-of-use

Bobcat.

# A COMPLETE FORESTRY PACKAGE FOR UNWANTED TREES AND OVERGROWTH.

The forestry cutter turns unsightly trees and overgrowth into mulch. The compact size of the forestry cutter allows you to complete any type of tree removal job, whether clearing every tree in an area or selectively thinning stands. In just two steps, you can shred trees from top to bottom. First, bring the uppermost limbs to the ground by punching into the tree with the forestry cutter. Then, lower the attachment over the trunk to rip the entire tree to shreds and add organic material to the soil. The forestry cutter's tube-style drum and spiral tooth pattern allow one tooth to engage at a time, so operation is smooth and less horsepower is required to do the job.

### ADJUSTABLE PUSH BAR

Has three positions to accommodate the operator's preferred setting.

### COUNTER COMBS

Provide the ability to do fine mulching and provide wear protection for the rear of the housing.

### DOUBLE-TIPPED CARBIDE TEETH

Efficiently rip through hard and soft woods, providing long life and uptime protection.

### LDW NUMBER OF TEETH

Provides fast knockdown of trees and low-cost replacement.

### PRESSURE GAUGE

Visible from the seat to help the operator run the attachment.

### ROTOR ORAKE

Stops from full speed in 10 seconds or less when the forestry cutter's hydraulics are deactivated.

### SAFETY CHAINS

Reduce debris thrown to the rear.

### SPIRAL TOOTH PATTERN

Allows one tooth to engage at a time for smoother operation and less horsepower demand.

### OPTIONS AND ACCESSORIES

**SINGLE-SPEED MOTOR:** A set speed and torque setting that remains constant during operation.

**2-SPEED MOTDR:** Automatically adjusts rotor speed and torque. When cutting heavy material, the motor shifts to a lower gear for more torque. When cutting light material, the motor shifts into high gear for faster drum speed and recovery time.

**FRONT GATE:** Lowering the optional front gate reduces front discharge of material and promotes longer processing into finer mulch. The gate can be quickly added to any Bobcat® forestry cutter.

SPECIFICATIONS	50 IN. 2-SPEED	50 IN. 2-SPEED	60 IN. 2-SPEED	60 IN. 2-SPEED	70 IN. 2-SPEED
Overall Width (ft)	62.1 in. (1577 mm)	62.1 in. (1577 mm)	73.3 in. (1862 mm)	73.3 in. (1862 mm)	84.4 in. (2144 mm)
Cutting Width (ft)	50 in. (1270 mm)	50 in. (1270 mm)	60 in. (1524 mm)	60 in. (1524 mm)	70 in. (1778 mm)
Height (ft)	59.9 in. (1521 mm)				
Length (ft) (with leaf wheel cushion)	47.7 in. (1212 mm)				
Operating Weight	2155 lb. (979 kg)	2173 lb. (987 kg)	2261 lb. (1026 kg)	2234 lb. (1013 kg)	2303 lb. (1045 kg)
Operating Weight with Front Gate	2227 lb. (1010 kg)	2249 lb. (1020 kg)	2497 lb. (1132 kg)	2367 lb. (1074 kg)	3065 lb. (1390 kg)
Number of Teeth	24	24	30	30	30

MAXIMUM TREE DIAMETER	
Continuous Use	4.5 in. (102.127 mm)
Intermittent Removal	7.9 in. (199.229 mm)
Occasional Removal	10.12 in. (254.305 mm)

Approved Machines: Small Steer Loader, Compact Track Loader, All Wheel Steer Loader. Forestry Applications Kit required.

### TRAINING RESOURCES

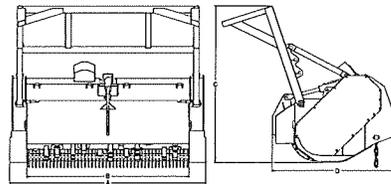
Train operators and technicians in the safe operation and servicing of Bobcat® equipment. Training materials are available at your Bobcat dealer's parts department or online at [BOBCAT.COM/SAFETY](http://BOBCAT.COM/SAFETY)



Watch the video and see how Bobcat® forestry cutter design and quality compare to other brands.  
—[BOBCAT.COM/FORESTRYVIDEO](http://BOBCAT.COM/FORESTRYVIDEO)

**FORESTRY APPLICATIONS KIT**  
Designed to protect you and your investment in the toughest conditions, the Forestry Applications Kit must be installed on the loader to operate the forestry cutter.

- A Forestry Door (0.75-inch laminated polycarbonate)
- B Front and Rear Light Guards
- C Hydraulic Quick Coupler Guard
- D Fire Extinguisher
- E Level II FOPS (meets ISD 3449)
- F Engine Compartment Seal Kit
- G Top and Rear Windows
- H Polycarbonate Side Window Kit



# GRADE SURFACES WITH PRECISION AND CONTROL.

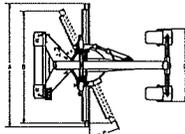
Achieve a consistent, accurate grade with the Bobcat® grader attachment. Even delicate tasks can be completed with powerful precision. The grader attachment has a blade that can move eight different ways to grade any surface. The bolster oscillates to minimize the effect of uneven ground, delivering consistent grading performance in a variety of environments.

## SIDE-SHIFT

Grade next to buildings, poles and other obstacles with ease. Manual side-shift on the 84-inch model moves the blade up to 12 inches to the left or right. The hydraulic side-shift on larger models moves up to 13 inches to the left or right.

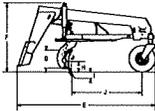
## PROPORTIONAL HYDRAULIC VALVE

The moldboard can be raised or lowered at three different speeds, meaning operation can be more closely matched to the speed of the loader. It also provides finer control with automatic grading solutions.



## OPTIONS AND ACCESSORIES

**BOLT-ON END WING KIT:** Helps to carry more material when fine grading or spreading materials such as sand or gravel. Turns the grader into a box blade, eliminating the need for an additional attachment. For 96- and 100-inch graders only.



SPECIFICATIONS	GRADER 84	GRADER 96	GRADER 100
Operating Weight	1375 lb. (625 kg)	2720 lb. (1235 kg)	2091 lb. (1263 kg)
Width (ft)	24 ft. (2134 mm)	36 ft. (2438 mm)	104 ft. (2743 mm)
Width, Fully Angled (ft)	76.1 ft. (1933 mm)	83.3 ft. (2193 mm)	83.7 ft. (2350 mm)
Blade Angle (°)	±25 deg.	±30 deg.	±31 deg.
Blade Width (ft)	49.5 ft. (1267 mm)	57.9 ft. (1420 mm)	57.6 ft. (1403 mm)
Overall Length (ft)	84.5 ft. (2220 mm)	104 ft. (2642 mm)	90.9 ft. (2542 mm)
Overall Height (ft) (without laser poles)	47 ft. (1194 mm)	59.9 ft. (1522 mm)	59.9 ft. (1522 mm)
Blade Height (ft)	14.9 ft. (376 mm)	17 ft. (432 mm)	17 ft. (432 mm)
Max. Lift (ft)	6.6 ft. (173 mm)	6.9 ft. (173 mm)	6.9 ft. (173 mm)
Max. Cut Depth (ft)	4.5 ft. (114 mm)	7.4 ft. (188 mm)	7.4 ft. (188 mm)
Blade Base (ft)	48 in. (1219 mm)	47.7 in. (1212 mm)	47.7 in. (1212 mm)
Hydraulic Blade Side Shift	-	±33 in. (839 mm)	±33 in. (839 mm)
Manual Blade Side Shift	±12 in. (305 mm)	-	-
Cutting Edge Flexibility	0.5 in. x 6 ft.	0.6 in. x 6 ft.	0.6 in. x 6 ft.
Blade Oscillation	±25 deg.	±12 deg.	±12 deg.
Grade Accuracy with Laser	±0.25 in. (6 mm)	±0.25 in. (6 mm)	±0.25 in. (6 mm)

Approved Machines: Side Steer Loader, Compact Tractor Loader, All Wheel Steer Loader, Tractor Utility Work Machine



▶▶ SIDE-SHIFT



SIDE-SHIFT ◀◀



BOLT-ON END WING KIT



## UPGRADE WITH AUTOMATIC CONTROL SYSTEMS FOR NEAR-PERFECT ACCURACY.

The grader is your go-to attachment for precision grading. Achieve  $\pm 0.25$ -inch accuracy or better with one of three automated control systems from Bobcat.

**LASER-GUIDED SYSTEM** uses laser transmitters and a grader-mounted receiver to accurately grade construction sites and other open areas.

**SONIC TRACER/SLOPE SYSTEM** provides the best result on complicated jobsites with columns or other obstacles that would block a laser transmitter.

**3D SYSTEM** allows contractors to use digital designs and 3D machine control to quickly and accurately sculpt the land.



WATCH THE GRADER AT WORK:  
[BOBCAT.COM/GRADERVIDEO](http://BOBCAT.COM/GRADERVIDEO)

### FOR MORE INFORMATION:

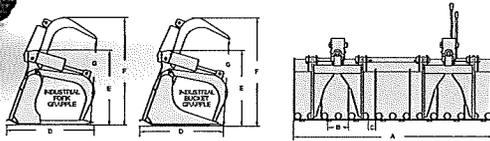
Check out Bobcat® automatic grade control on page 22.



# GRAB AND HOLD

## BULKY MATERIAL AND ODD-SHAPED OBJECTS.

The industrial grapple delivers easy handling of hard-to-manage materials in the industrial or construction setting. The two-arm design of the larger industrial grapple grabs hold of material in two places. As a result, you get maximum contact with material and strong biting force across irregular-shaped loads. With easy-to-use hydraulic controls, any operator can securely handle bulky or uneven loads. Built for day-in, day-out duty, the industrial grapple sinks into the toughest jobs all day, every day.



SPECIFICATIONS	36 IN. BUCKET	48 IN. BUCKET	62 IN. BUCKET	68 IN. BUCKET	74 IN. BUCKET	80 IN. BUCKET
Operating Weight	355 lb (160 kg)	449 lb (203 kg)	694 lb (314 kg)	922 lb (418 kg)	600 lb (272 kg)	1101 lb (500 kg)
Width (A)	36 in. (914 mm)	42 in. (1067 mm)	62 in. (1575 mm)	68 in. (1727 mm)	74 in. (1880 mm)	80 in. (2032 mm)
Length (B)	32.2 in. (818 mm)	32.2 in. (818 mm)	41.1 in. (1043 mm)	41.1 in. (1043 mm)	41.1 in. (1043 mm)	43.4 in. (1102 mm)
Height (C)	23.5 in. (597 mm)	23.5 in. (597 mm)	30.2 in. (769 mm)	30.2 in. (769 mm)	30.2 in. (769 mm)	33.2 in. (843 mm)
Grapple closed (D)	74.8 in. (1900 mm)	74.8 in. (1900 mm)	76.6 in. (1950 mm)	76.6 in. (1950 mm)	76.6 in. (1950 mm)	84.1 in. (2136 mm)
Height (E)	41.3 in. (1049 mm)	41.3 in. (1049 mm)	42.5 in. (1079 mm)	42.5 in. (1079 mm)	42.5 in. (1079 mm)	45.4 in. (1153 mm)
Grapple open (F)	160 in. (4064 mm)	160 in. (4064 mm)	179 in. (4542 mm)			
Max. Reach (G)	30 in. (762 mm)	30 in. (762 mm)	32.6 in. (828 mm)	32.6 in. (828 mm)	32.6 in. (828 mm)	36.2 in. (920 mm)
Operating (H)	70.2 in. (1783 mm)	70.2 in. (1783 mm)	80 in. (2032 mm)	80 in. (2032 mm)	80 in. (2032 mm)	89 in. (2265 mm)

Approved Machines: Steel Wheel Loader, Compact Track Loader, All Wheel Steer Loader, Mini Trac Loader, Tracked Utility Work Machine, Virtual/ADLER® TIC

SPECIFICATIONS	66 IN. FORK	78 IN. FORK
Operating Weight	937 lb (425 kg)	1219 lb (553 kg)
Width (A)	66 in. (1676 mm)	78 in. (2002 mm)
Fork Spacing	9 in. (229 mm)	9 in. (229 mm)
Standard (B)	32 in. (813 mm)	32 in. (813 mm)
Custom (C)	30 in. (762 mm)	30 in. (762 mm)
Number of Fork Teeth	7	6
Custom (D)	13	15
Length (E)	41.1 in. (1043 mm)	43.4 in. (1102 mm)
Height (F)	32.2 in. (818 mm)	32.2 in. (818 mm)
Grapple closed (G)	76.6 in. (1950 mm)	86 in. (2184 mm)
Height (H)	42.0 in. (1067 mm)	45.9 in. (1166 mm)
Grapple open (I)	1092 in. (27730 mm)	1166 in. (29610 mm)
Max. Reach (J)	31.6 in. (803 mm)	33.9 in. (860 mm)
Operating (K)	80 in. (2032 mm)	89 in. (2265 mm)

**DUAL CYLINDERS** (large grapples only)  
Dual cylinders provide the ability to secure uneven loads.

**OPEN GRAPPLE DESIGN**  
Offers superior visibility to the work area.

**REMOVABLE HOSE GUIDE**  
Provides easy hose routing when the grapple is attached. Reduces exposure to snags and other hazards.

**REPLACEABLE CUTTING EDGE ON BUCKET GRAPPLES**  
Standard equipment for bucket protection.

**REINFORCED TINES**  
Bobcat® tines are tougher, backed by more steel and greater reinforcement.



**EXCLUSIVE: INERTIA-WELDED CYLINDER ENDS**  
A Bobcat-exclusive design, the inertia-welded cylinder ends deliver strong, smooth operation by improving hydraulic cushioning at the end of the stroke.



# PUT THE BITE ON

ROCKS, ROOTS, BRUSH, OVERGROWTH AND DEBRIS.

The root grapple rips into tough jobs with ease. A heavy-duty design improves the wear life of the grapple, especially when operating in tough land-clearing jobs. It's ideal for landscaping, demolition, construction, rental or grounds maintenance. Tear it up, bite it off and spit it out with the root grapple.



### CURVED SKELETAL TOOTH DESIGN

Picks up material without driving teeth into the ground; allows dirt to fall on-site.

### FULLY ENCLOSED MOUNTING FRAME

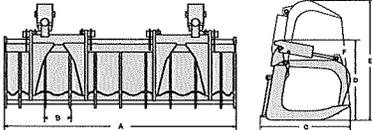
Extends wear life by minimizing flexing in the frame area.

### EXCLUSIVE: INERTIA-WELDED CYLINDER ENDS

Exclusive inertia-welded cylinder ends from Bobcat deliver strong, smooth operation by improving hydraulic cushioning at the end of the stroke.

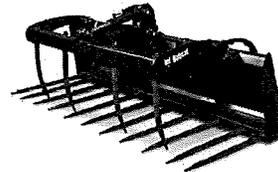
### DUAL CYLINDERS (large grapples only)

Two cylinders provide the ability to clamp separately, securing uneven loads. Bobcat® grapples provide the highest clamping forces in the industry.



SPECIFICATIONS	36 IN.	48 IN.	66 IN.	72 IN.	82 IN.
Operating Weight	297 lb (135 kg)	371 lb (168 kg)	501 lb (227 kg)	1025 lb (465 kg)	1131 lb (512 kg)
Width (A)	26 in. (660 mm)	45 in. (1143 mm)	69 in. (1753 mm)	72.5 in. (1842 mm)	82.5 in. (2095 mm)
Time Spacing (B)	8.5 in. (216 mm)	8.5 in. (216 mm)	8.9 in. (225 mm)	8.9 in. (225 mm)	8.9 in. (225 mm)
Length (C)	30.7 in. (779 mm)	30.7 in. (779 mm)	42.6 in. (1080 mm)	42.8 in. (1088 mm)	42.8 in. (1088 mm)
Height (D)	29.0 in. (737 mm)	29.0 in. (737 mm)	34.2 in. (869 mm)	34.2 in. (869 mm)	34.2 in. (869 mm)
Height (E) (grapple closed)	41.7 in. (1058 mm)	41.7 in. (1058 mm)	51.6 in. (1310 mm)	51.6 in. (1310 mm)	51.6 in. (1310 mm)
Height (F) (grapple open)	5 in. (127 mm)	7 in. (178 mm)	8 in. (203 mm)	9 in. (229 mm)	11 in. (279 mm)
Max. Teeth Opening (H)	20.3 in. (516 mm)	28.3 in. (718 mm)	36.6 in. (929 mm)	36.6 in. (929 mm)	36.6 in. (929 mm)

Approved Machines: S-33 Steer Loader, Compact Track Loader, All Wheel Steer Loader, M-4 Track Loader, Vertical-MOWER™ TTC



# SINK INTO HARD-TO-HANDLE LIGHT MATERIAL.

The utility grapple bites down and takes hold of even the loosest materials. Pair the grapple with a fork or bucket to handle a wide variety of farm and ranch jobs. The compact design of the utility grapple allows you to get the fork or bucket close to fences or sides of stalls to quickly clean up or move light, loose material.

### CURVED TEETH

Use the grapple to scoop up even the loosest material. Teeth are replaceable to minimize downtime.

### FORGED TEETH

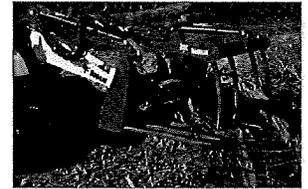
Provide exceptional strength with low weight, allowing for more carrying capacity.

### MATCH THE TOOL TO THE JOB: ADDITIONAL TEETH

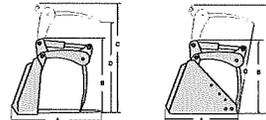
Quickly and easily add more teeth. In just minutes, you're ready to handle smaller materials efficiently.



LOW-PROFILE, GP OR C/I BUCKET/GRAPPLE



UTILITY FORK AND GRAPPLE



GRAPPLE	GRAPPLE ONLY OPERATING WEIGHT	STANDARD NUMBER OF TEETH	MAX. NUMBER OF TEETH	LENGTH (A)	OVERALL HEIGHT (GRAPPLE CLOSED) (B)	OVERALL HEIGHT (GRAPPLE OPEN) (C)	MAX. OPENING (D)
32 in. with 36 S-4 Utility Forks	157 lb (71 kg)	3	5	31.7 in. (805 mm)	29.5 in. (749 mm)	42.5 in. (1080 mm)	32.6 in. (828 mm)
42 in. with 36 S-4 Utility Forks	157 lb (71 kg)	3	5	31.6 in. (803 mm)	28.6 in. (732 mm)	41.7 in. (1059 mm)	31.9 in. (810 mm)
55 in. with General Purpose Bucket	100 lb (45 kg)	4	8	32.7 in. (831 mm)	29.4 in. (747 mm)	41.9 in. (1063 mm)	30.3 in. (770 mm)
55 in. with Conventional Industrial Barrel	243 lb (110 kg)	4	8	34.8 in. (884 mm)	29.3 in. (744 mm)	41.9 in. (1064 mm)	30.5 in. (775 mm)
55 in. with Low-Profile Bucket	243 lb (110 kg)	4	8	34.3 in. (871 mm)	29.3 in. (744 mm)	41.9 in. (1064 mm)	30.4 in. (772 mm)
56 in. with 60 S-5 Utility Forks	243 lb (110 kg)	4	8	34.8 in. (884 mm)	29.9 in. (759 mm)	42.3 in. (1074 mm)	29.9 in. (759 mm)

Approved Machines: S-33 Steer Loader, Compact Track Loader, All Wheel Steer Loader, M-4 Track Loader, Vertical-MOWER™ Utility Work Machine

# GIVE YOUR JOBSITE A PERFECT FINISH.



### HARD TEETH

For maximum uptime protection, the teeth are hardened to withstand more wear and tear when working in the soil, increasing the life of the attachment.

### INDIVIDUALLY REPLACEABLE RAKE BARS

Deliver better ground contact and better leveling.

### SIDE SKIS

Provide adjustable depth control, leaving only a slight, knife-edge mark in the finished surface.

### TOP COVER

When materials have been collected, the top cover opens for easy dumping, allowing you to leave a cleaner finish behind.

- Prepares seedbeds
- Levels soil before turf placement
- No electrical required
- Collects surface debris for cleanup
- Readies lawns for spreading topsoil



SPECIFICATIONS	MODEL 66	MODEL 68
Length	63 in. (1603 mm)	63 in. (1603 mm)
Height	49 in. (1248 mm)	49 in. (1248 mm)
Working Width	60 in. (1524 mm)	72 in. (1829 mm)
Overall Width	66 in. (1678 mm)	78 in. (1981 mm)
Operating Weight	1129 lb (503 kg)	1237 lb (551 kg)
Number of Tooth Bars	12	12
Number of Teeth (Total)	36	45
Capacity	121 ft <sup>3</sup> (3.4 m <sup>3</sup> )	14.3 ft <sup>3</sup> (0.40 m <sup>3</sup> )

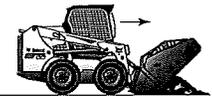
Approved Machines: S-68 Steer Loader, Compact Tractor Loader, All Wheel Steer Loader, Tractor™ Utility Work Machine



Rakes and collects



Dumps debris



Scrapes

## LANDPLANE

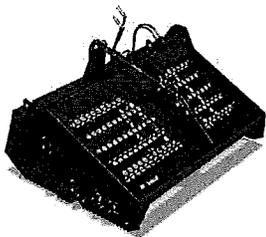
### REMOVE LARGE CLODS AND ROCKS WHILE LEVELING AND GRADING THE GROUND.

Working in either forward or reverse, the landplane makes it easy to break up hard ground and level a surface. Use the landplane to peel sod or aerate soil for seeding. No more back-breaking hand-raking. A removable metal grate helps break up clumps, and a bi-directional scarifier helps loosen stubborn soils.



SPECIFICATIONS	48 IN.	72 IN.	78 IN.
Operating Weight	350 lb (157 kg)	630 lb (283 kg)	730 lb (331 kg)
Width	48 in. (1219 mm)	72 in. (1829 mm)	78 in. (1981 mm)
Length	46 in. (1168 mm)	51 in. (1295 mm)	51 in. (1295 mm)
Height	20 in. (508 mm)	20 in. (508 mm)	20 in. (508 mm)
Cutting Edge	0.5 x 4 in. (13 x 102 mm)	0.5 x 6 in. (13 x 152 mm)	0.5 x 6 in. (13 x 152 mm)
Working Machine Capacity	3 ft <sup>3</sup> (0.08 m <sup>3</sup> )	3.5 ft <sup>3</sup> (0.09 m <sup>3</sup> )	3.5 ft <sup>3</sup> (0.09 m <sup>3</sup> )

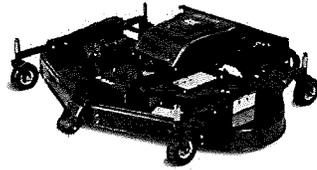
Approved Machines: S-68 Steer Loader, Compact Tractor Loader, All Wheel Steer Loader, Mini Tractor Loader, Tractor™ Utility Work Machine



Rake and collect surface debris while smoothing and leveling the soil. When full, just dump the collected debris for a clean finish.

60 & 72 INCH  
WORKING WIDTHS

# GET A CLEAN CUT WITHOUT SCALPING.



The mower is the ideal maintenance attachment for landscape contractors, nurseries, hobby farms, municipalities and large-lot rural homeowners. This front-mounted unit delivers excellent visibility to all corners of the deck, so you can cut efficiently around obstacles. Powered by a direct-drive hydraulic motor, the mower attachment features three overlapping cutting blades that eliminate skips for even cutting action. The unique frame design allows the mower to oscillate independently from the loader. It follows uneven terrain, delivering a close, clean cut.

#### ANTI-SCALPING WHEEL

Protects the mower blades from damage caused by striking the ground when moving over uneven terrain. Also, prevents the mower deck from scraping the ground, resulting in longer blade life and consistent cutting height.

#### CASTER WHEELS

Combined with the attachment frame, the caster wheels allow the mower to oscillate independently of the loader, providing a floating deck that better follows uneven terrain. Adjust for different cutting heights from 2 to 5.5 inches.

#### BLADE MOUNTING

Dual mounting bolts make blade replacement easy.

#### DECK BRACING

Located on the top of the mower, allowing for a smooth deck interior, delivering improved air and material flow.

#### STANDARD REAR DISCHARGE

Allows you to get close to structures and obstacles. It also dispenses grass clippings evenly.

#### BELT DRIVE

The hydraulic motor powers a single V-belt, eliminating shear pins and related downtime.

#### BLADE SHUTOFF

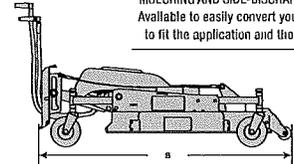
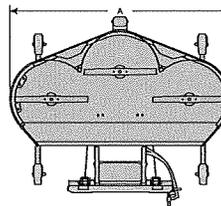
Incorporated into the attachment frame. Blade rotation automatically stops when the mower is lifted too high.



72 & 90 INCH  
AVAILABLE WIDTHS

For clearing brush and small trees, see the fall cutter on page 41.

For a more uniform cut, see the Brushcat™ rotary cutter on page 30.



#### OPTIONS AND ACCESSORIES

MULCHING AND SIDE-DISCHARGE KITS: Available to easily convert your mower to fit the application and the carrier.

SPECIFICATIONS	72 IN.	90 IN.
Cutting Width	71.5 in. (1816 mm)	89.5 in. (2273 mm)
Overall Width (A)	70 in. (1778 mm)	84 in. (2133 mm)
Overall Length (B)	63 in. (1627 mm)	75 in. (1905 mm)
Height	22 in. (559 mm)	22 in. (559 mm)
Operating Weight	830 lb. (379 kg)	990 lb. (449 kg)
Flow Range	15-22 gpm (57-83 L/min)	15-22 gpm (57-83 L/min)
Number of Blades	3	3
Shutoff Load Height	8.5 in. (216 mm)	8.5 in. (216 mm)
Cutting Height Range (Adjustable in 0.5 in. increments)	2-5.5 in.	2-5.5 in.
Blade Tip Speed	11251 ft./min. @ 15 gpm 15002 ft./min. @ 20 gpm 16502 ft./min. @ 22 gpm	11028 ft./min. @ 15 gpm 14702 ft./min. @ 20 gpm 16172 ft./min. @ 22 gpm

Approved Machines: Skid Steer Loader, Compact Track Loader, All Wheel Steer Loader, Bobcat™ Utility Work Machine

- Oscillation allows the deck to float, preventing scalping and following uneven terrain
- Delivers clean, even cut on rights-of-way
- Front-mounted mower eliminates flattened grass before the cut
- Three overlapping blades
- Adjustable cutting heights

# PUT IT WHERE YOU NEED IT.

Integrated, walk-through frame provides easier entry/exit.



SPECIFICATIONS	FRAME WIDTH	FRAME HEIGHT	FRAME WEIGHT	TINE LENGTHS	TINE WIDTH	TINE WEIGHT (SET OF 2)	TOTAL WEIGHT
Mini Trac Loader	30.0 in. (813 mm)	32 in. (813 mm)	105 lb (49 kg)	39 in. (914 mm)	4 in. (102 mm)	147 lb (67 kg)	252 lb (114 kg)
Standard	45.1 in. (1146 mm)	34.3 in. (871 mm) 43.2 in. (1097 mm)	122 lb (55 kg)	42 in. (1067 mm)	4 in. (102 mm)	150 lb (69 kg)	272 lb (123 kg)
Heavy Duty	45.1 in. (1146 mm)	34.3 in. (871 mm)	153 lb (69 kg)	42 in. (1067 mm) 49 in. (1219 mm)	4 in. (102 mm)	164 lb (74 kg) 181 lb (82 kg)	317 lb (144 kg) 334 lb (152 kg)
Severe Duty	51 in. (1295 mm)	34.3 in. (871 mm)	265 lb (124 kg)	42 in. (1067 mm) 45 in. (1143 mm)	4 in. (102 mm)	215 lb (99 kg) 238 lb (109 kg)	510 lb (231 kg) 531 lb (242 kg)
Hydraulic	48 in. (1219 mm)	39 in. (991 mm)	1375 lb (624 kg)	49 in. (1219 mm)	4 in. (102 mm)	220 lb (100 kg)	1595 lb (723 kg)
Flexity™	49.9 in. (1267 mm)	51.7 in. (1313 mm)	492 lb (222 kg)	49 in. (1219 mm)	4 in. (102 mm)	272 lb (123 kg) 316 lb (143 kg)	764 lb (347 kg) 891 lb (407 kg)

\*Versal PALLETER™ IIIC only

Approved Machines: Skid Steer Loader, Compact Trac Loader, All-Wheel Steer Loader, Mini Trac Loader, Toolcat™ Utility Work Machine, Versal PALLETER™ IIIC

Pallet forks do the lifting, carrying and moving to save time and labor costs on a variety of applications. A new walk-through design offers easier entry and exit to and from the loader cab, and it gives you best-in-class visibility for picking and placing materials. Adjustable forks load, lift, move and place materials around jobsites. With the hydraulic pallet fork, position the forks from the operator seat for maximum operator comfort and efficiency.

An optional brick-guard to close off the walk-through area is available for standard, heavy-duty and severe-duty pallet fork frames. The optional brick-guard height extension is only available for severe-duty pallet fork frames.

#### ISO 2330:2002 STANDARDS

The Bobcat® pallet fork meets ISO 2330:2002 standards for yield and fatigue tests. The frame is tested to the same standards as the forks.

#### IMPROVED VISIBILITY

Walk-through design provides optimal visibility to the pallet fork lines when picking and placing materials.

#### STANDARD AND HEAVY-DUTY TEETH

Available in 42- and 48-inch lengths. Bale forks available in 40.8-inch length.

#### EASIER ACCESS

Walk-through front frame provides a comfortable entry and exit to and from the loader's cab.

#### HYDRAULIC FORK SAVES TIME AND EFFORT

Conveniently position the tines without leaving the cab.



SMALL	LOADER RATED OPERATING CAPACITY	PALLET FORK LOAD RATING AT 15.75 IN.
	500 lb (227 kg) 600 lb (273 kg) 700 lb (320 kg)	200 lb (90 kg) 350 lb (159 kg) 440 lb (200 kg)

STANDARD	LOADER RATED OPERATING CAPACITY	PALLET FORK LOAD RATING AT 24 IN.
	1000 lb (459 kg) 2000 lb (907 kg) 3000 lb (1360 kg) Max Load Rating	540 lb (243 kg) 1500 lb (680 kg) 1800 lb (816 kg) 2500 lb (1134 kg)

HEAVY-DUTY	LOADER RATED OPERATING CAPACITY	PALLET FORK LOAD RATING AT 24 IN.
	1000 lb (459 kg) 2000 lb (907 kg) 3000 lb (1360 kg) 4000 lb (1813 kg) Max Load Rating	500 lb (227 kg) 1290 lb (590 kg) 1940 lb (880 kg) 2740 lb (1243 kg) 4000 lb (1814 kg)

SEVERE-DUTY	LOADER RATED OPERATING CAPACITY	PALLET FORK LOAD RATING AT 24 IN.
	1000 lb (459 kg) 2000 lb (907 kg) 3000 lb (1360 kg) 4000 lb (1813 kg) Max Load Rating	410 lb (186 kg) 1200 lb (544 kg) 1620 lb (734 kg) 2640 lb (1202 kg) 5500 lb (2495 kg)

HYDRAULIC	LOADER RATED OPERATING CAPACITY	PALLET FORK LOAD RATING AT 24 IN.
	500 lb (227 kg) 1300 lb (593 kg) 1500 lb (680 kg) 1700 lb (770 kg) 1900 lb (869 kg) 2100 lb (950 kg) 2300 lb (1040 kg) 2500 lb (1130 kg) 2700 lb (1225 kg) 3000 lb (1360 kg)	500 lb (227 kg) 550 lb (250 kg) 655 lb (298 kg) 845 lb (382 kg) 940 lb (425 kg) 1050 lb (477 kg) 1150 lb (520 kg) 1290 lb (585 kg) 1350 lb (610 kg) 1600 lb (726 kg)

## CUT AND MILL CONCRETE OR ASPHALT.

Less expensive to maintain and more maneuverable than dedicated planers, the Bobcat® planer cuts and mills concrete and asphalt. Utilizing carbide-tipped bits mounted on a revolving drum, the planer delivers low-angle, high-velocity blows to uniformly chip pavement in a controlled pattern. Depth, width and slope control are easily set and maintained by the operator. Milled material can be immediately recycled.



### 14-, 18-, 24-INCH MODELS:

- Removable right ski and end plate to allow for flush-to-wall planing or quickly changing drums
- One-piece concentric planer drum
- Free-floating oscillation
- Hydraulic side-shift
- Oscillation up to ±15 degrees
- Top access panel
- Side cutting teeth
- Rear-mounted steel wheels



GET IN CLOSE TO DRIVE AND WORK.  
Bobcat planers include standard lock-on skis.



### 18- AND 24-INCH MODELS:

- Priority valve to divert oil to the depth function and enable adjustment without loss of power to drum



### 40-INCH MODEL:

- Front-access panel to save time during inspection and bit replacement
- Diverter valve to switch between hydraulic side-shift and hydraulic oscillation functions
- Two direct-drive motors to increase torque, force and productivity while increasing attachment life



### TRAINING RESOURCES

Train operators and technicians in the safe operation and servicing of Bobcat® equipment. Operator training courses, safety videos and other training materials are available at your Bobcat dealer's parts department or online at [BOBCAT.COM/SAFETY](http://BOBCAT.COM/SAFETY)

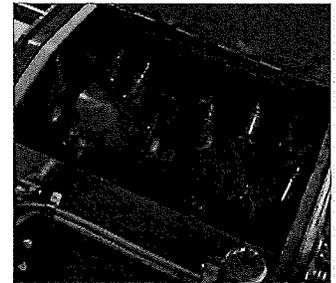
### 14-INCH STANDARD-FLOW PLANNER

Provides excellent performance on standard-flow machines, allowing a lower initial investment for those who only need to use a planer periodically.

### HIGH-FLOW PLANERS

Utilize increased hydraulic horsepower available for higher production. Use with the Selectable Joystick Control (SJC) speed management to find the "sweet spot" and stay there, maintaining full driveline torque and hydraulic power to maximize performance while reducing fatigue.

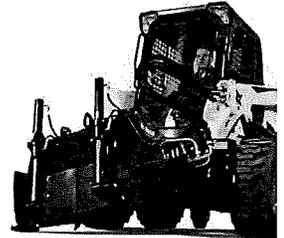
- Clean up around larger miller machines
- Mate uneven pavement surfaces
- Cut drainage in parking lots
- Taper edges on roadways
- Mill around manholes



TOP SERVICE PANEL

SPECIFICATIONS	14 IN. STANDARD FLOW	18 IN. HIGH FLOW	24 IN. HIGH FLOW	40 IN. HIGH FLOW
Operating Weight	1107 lb. (502 kg) (w/drum)	1191 lb. (540 kg) (w/drum)	1254 lb. (569 kg) (w/drum)	2303 lb. (1043 kg) (w/drum)
Overall Length	47.5 in. (1206 mm)	47.5 in. (1206 mm)	47.5 in. (1206 mm)	44 in. (1118 mm)
Standard Drum	14 in. (356 mm)	18 in. (457 mm)	24 in. (610 mm)	40 in. (1016 mm)
Cutting Width	0.6 in. (152 mm)	0.6 in. (152 mm)	0.6 in. (152 mm)	0.5 in. (127 mm)
Cutting Depth	0.6 in. (152 mm)	0.6 in. (152 mm)	0.6 in. (152 mm)	0.5 in. (127 mm)
Max. Cutting Angle	±15 deg.	±15 deg.	±15 deg.	±8 deg. (Hydraulic)
Side Shift (Hydraulic)	29.8 in. (757 mm)	29.8 in. (757 mm)	29.8 in. (757 mm)	25.6 in. (650 mm)
Planing Distance (port to curb, 4 loader wheels less than)	Flush 75.4 in. (1915 mm)	Flush 75.4 in. (1915 mm)	Flush 60.4 in. (1532 mm)	2.6 in. (65 mm)
Approved Drums	2.5-14 in.	2.5-19 in.	2.5-24 in.	40 in.

Approved Machines: S-18 Steer Loader, Compact Track Loader, A3 Wheel Steer Loader



### OPTIONS AND ACCESSORIES

**FAST-CUT DRUM:** Has wide spacing between bits to provide ultimate performance. Resulting surface is usually overlaid with new material. Multiple options for 14- to 24-inch widths.

**GUIDE ROD KIT:** Makes it easier for operators to follow a line.

**HYDRAULIC OSCILLATION KIT (18- and 24-inch planer attachments):** Provides fingertip control of drum oscillation.

**OPERATING TRAINING KIT:** Available for order.

**SLOT-CUT DRUM:** Cuts a trench through concrete or asphalt for laying utilities or removal of a section. Available in 2.5- and 4-inch widths only.

**SMOOTH-CUT DRUM:** Nearly twice as many bits as the fast-cut drum for a relatively smooth surface. Ideal for exposed surfaces.

**SURFACE DRUM:** Leaves a smooth finish. Often used for removing paint lines from roadways, the surface drum leaves a shallow trench that may be filled in with new paint, thermoplastics or reflective tape.

**WATER KIT:** Provides dust suppression and bit lubrication to maximize bit life.

**WEIGHT KIT (18- and 24-inch planer attachments):** Improves performance by providing increased downward pressure on the drum.

**TEAR UP THE ASPHALT AND BREAK UP HARD-PACKED SOIL.**

The front-mounted scarifier operates when traveling in reverse. A manual lock holds teeth in position for steady results. Adjustable depth skis allow you to set the digging depth.



SPECIFICATIONS	
Operating Weight	250 lb. (113 kg)
Width	69 in. (1754 mm)
Turnover Force	5 (7 ft. to 6 in. dig skis)
Max. Dig Depth (approximately)	6 in. (152 mm)

Approved Machines: S-64 Skid Steer Loader, Compact Track Loader, All Wheel Steer Loader, Tracked Utility Work Machine

**SCRAPE AWAY PACKED-ON OR BUILT-UP MATERIALS.**

The scraper slides along the ground, easily breaking up packed material to leave a smooth surface behind. Remove tough materials such as mud, snow and ice. It's also a handy aid for carpet and floor tile removal. With its self-sharpening cutting edge, the scraper cuts underneath material, easily peeling it away for removal.



SPECIFICATIONS	
Operating Weight	172 lb. (78 kg)
Height	19 in. (483 mm)
Width	45 in. (1143 mm)
Length	55 in. (1397 mm)
Disc Diameter	22 in. (559 mm)

Approved Machines: S-64 Skid Steer Loader, Compact Track Loader, All Wheel Steer Loader, Tracked Utility Work Machine

**GRAB A BUCKETFUL OF COLD, HARD PRODUCTIVITY.**

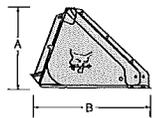
Snow buckets are cost-effective and straightforward, but don't be fooled by their simplicity. These are serious snow-removal tools. Around cars in parking lots or driveways, you can get nice and close, or pull the snow away from obstacles for another quick pass. They breeze through paths and driveways. And after the pushing is done, they're just the thing for moving piles of snow out of the way or loading it into trucks.



- High back and sides maximize pushing productivity through snow
- Waffle skid plates add strength to cutting edge and bucket bottom
- Optional bolt-on side guards increase capacity
- Bolt-on corner cutting edges protect against wear

**OPTIONS AND ACCESSORIES BOLT-ON CUTTING EDGE:** Provides longer life to your loader's bucket.

**BUCKET SPILL GUARD:** Bolts onto the top of your bucket to reduce material falling over the back of the bucket.



**PLACE SEED AT THE PERFECT DEPTH, WITH THE PERFECT SPACING.**

Unlike broadcast seeders, the seeder attachment is a ground-driven unit that seeds directly into the soil. This allows for better germination and more precise coverage. A front roller firms the ground and presses small rocks beneath the surface while pressing the seed into the seedbed. A second roller gently forms soil around the seed for optimum seed-to-soil contact. Get the job done at a rate of more than two acres per hour.

**3-POINT HITCH MOUNTING KIT** also available for compact tractors.

SPECIFICATIONS	
Operating Weight (empty)	1500 lb. (680 kg)
Operating Weight (full)	1425 lb. (646 kg)
Height	44 in. (1118 mm)
Overall Width	88 in. (2235 mm)
Working Width	72 in. (1829 mm)
Length	43 in. (1092 mm)
Bucket Capacity	4 cubic ft.



Approved Machines: S-64 Skid Steer Loader, Compact Track Loader, All Wheel Steer Loader, Tracked Utility Work Machine

**MEET EROSION CONTROL REGULATIONS AND AVOID COSTLY FINES IN LESS TIME.**

The silt fence installer places and secures silt fence at an astonishing rate — thousands of feet per hour. It's the fastest, easiest and most economical way to meet compliance and avoid fines or shutdowns.

**3-POINT HITCH MOUNTING KIT** also available for compact tractors.

SPECIFICATIONS	
Operating Weight	775 lb. (352 kg)
Length	72.9 in. (1849 mm)
Width	45.5 in. (1156 mm)
Height	70 in. (1778 mm)

Approved Machines: S-64 Skid Steer Loader, Compact Track Loader, All Wheel Steer Loader



**CHECK OUT MORE BOBCAT® ATTACHMENTS THAT CAN BE USED FOR SNOW REMOVAL:**

- ANGLE BROOM ..... page 18
- SCRAPER ..... page 58
- SNOWBLOWER ..... page 60
- SPREADER ..... page 68

SPECIFICATIONS	68 IN.	74 IN.	80 IN.	88 IN.	100 IN.
Bucket Cutting Depth Wdn	63 in. (1627 mm)	74 in. (1880 mm)	80 in. (2032 mm)	88 in. (2235 mm)	100 in. (2540 mm)
Bucket Height (A)	26.9 in. (683 mm)	31.7 in. (806 mm)			
Bucket Length (B)	42 in. (1066 mm)	43.5 in. (1107 mm)			
Bucket Operating Weight	578 lb. (262 kg)	603 lb. (276 kg)	640 lb. (290 kg)	681 lb. (309 kg)	878 lb. (398 kg)
Bucket Capacity (50 Percent)	21.5 ft. <sup>3</sup> (0.61 m <sup>3</sup> )	20.9 ft. <sup>3</sup> (0.59 m <sup>3</sup> )	23.2 ft. <sup>3</sup> (0.66 m <sup>3</sup> )	32.4 ft. <sup>3</sup> (0.92 m <sup>3</sup> )	54.2 ft. <sup>3</sup> (1.53 m <sup>3</sup> )
Bucket Capacity (90 Percent)	18.5 ft. <sup>3</sup> (0.52 m <sup>3</sup> )	20.2 ft. <sup>3</sup> (0.57 m <sup>3</sup> )	21.9 ft. <sup>3</sup> (0.62 m <sup>3</sup> )	24.1 ft. <sup>3</sup> (0.68 m <sup>3</sup> )	49.8 ft. <sup>3</sup> (1.40 m <sup>3</sup> )

Approved Machines: S-64 Skid Steer Loader, Compact Track Loader, All Wheel Steer Loader, Tracked Utility Work Machine, Versalift DUBER® T10

# THROW AND BLOW SNOW TO CLEAR A CLEAN PATH.

Deep drifts are no match for the Bobcat® snowblower. Blow snow off driveways and parking lots or tight spaces like sidewalks. The rotating chute and deflector bank snow high or throw it far. Adjust the deflector up or down and point snow in almost any direction – wherever you want the snow to be placed. It's perfect for tossing the snow in places you can't reach with your machine: in the middle of a lawn or in a wooded area beside a path.

### CHAIN-AND-SPROCKET SYSTEM

Rather than cables, a chain-and-sprocket system rotates the chute, eliminating loose, tangled and frozen cables and providing maximum uptime protection.

### DIRECT-DRIVE HYDRAULIC MOTOR

Delivers necessary operating power while reducing overall maintenance costs, extending the life of the attachment, and eliminating the need for high-wear items such as gear boxes, chains, sprockets and shear pins.

### ROTATING CHUTE AND DEFLECTOR

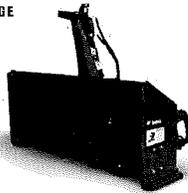
Chute rotates up to 276 degrees, and deflector adjusts up or down as needed. Point and place the snow wherever you want.

### REPLACEABLE CUTTING EDGE

Protects your uptime and reduces operating costs.

### SKID SHOES

Adjustable – set them to scrape the pavement clean or move them higher to remove snow from gravel lots and driveways.



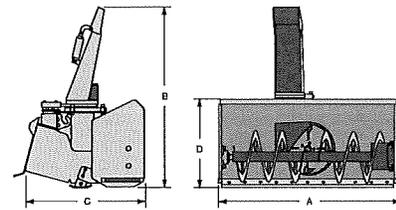
36-84 INCH  
AVAILABLE WIDTHS

### OPTIONS AND ACCESSORIES

**TRUCK-LOADING CHUTE:** Available for high-flow models, the truck-loading chute allows the snowblower to place snow high in the truck for easier removal and hauling.

**HIGH-FLOW MODELS:** Utilize the extra hydraulic horsepower in your high-flow Bobcat loader to power through the heavy snowfalls or the deepest drifts – and throw snow farther.

Watch the video to see the snowblower in action.  
[BOBCAT.COM/SNOWBLOWERVIDEO](http://BOBCAT.COM/SNOWBLOWERVIDEO)



SPECIFICATIONS	SB150 x 36	SB150 x 40	SB200 x 60	SB200 x 66	SB200 x 72	SB200 x 78	SB240 x 72	SB240 x 84	SBX240 x 72	SBX240 x 84
Width (A)	39.4 in (1003 mm)	51.4 in (1306 mm)	62.5 in (1587 mm)	63.5 in (1613 mm)	74.5 in (1893 mm)	60.5 in (1537 mm)	74.5 in (1893 mm)	60.5 in (1537 mm)	74.5 in (1893 mm)	60.5 in (1537 mm)
Height (B)	30.4 in (772 mm)	30.4 in (772 mm)	30 in (762 mm)	30 in (762 mm)	31 in (787 mm)	31 in (787 mm)	35.5 in (901 mm)	35.5 in (901 mm)	35.5 in (901 mm)	35.5 in (901 mm)
Length (C)	37 in (939 mm)	37 in (939 mm)	33.5 in (854 mm)	33.5 in (854 mm)	33.5 in (854 mm)	33.5 in (854 mm)	43.3 in (1100 mm)	43.3 in (1100 mm)	44.4 in (1127 mm)	44.4 in (1127 mm)
Intake (D)	23 in (584 mm)	23 in (584 mm)	25 in (635 mm)	25 in (635 mm)	25 in (635 mm)	25 in (635 mm)	34.5 in (876 mm)	34.5 in (876 mm)	34.5 in (876 mm)	34.5 in (876 mm)
Operating Weight	423 lb (194 kg)	455 lb (207 kg)	755 lb (343 kg)	810 lb (367 kg)	655 lb (297 kg)	660 lb (299 kg)	1010 lb (458 kg)	1070 lb (485 kg)	1045 lb (474 kg)	1165 lb (528 kg)
Chute Diameter	15 in (381 mm)	15 in (381 mm)	20 in (508 mm)	20 in (508 mm)	20 in (508 mm)	20 in (508 mm)	24 in (610 mm)			
Chute Rotation	14 in (355 mm)	14 in (355 mm)	14 in (355 mm)	14 in (355 mm)	14 in (355 mm)	14 in (355 mm)	18 in (457 mm)			
Chute Rotation	270 deg	276 deg	270 deg	270 deg	270 deg	270 deg	270 deg	270 deg	270 deg	270 deg
Deflector Control	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Throw Distance	Up to 25 ft (8 m)	Up to 25 ft (8 m)	Up to 40 ft (12 m)	Up to 40 ft (12 m)	Up to 50 ft (15 m)	Up to 50 ft (15 m)	Up to 60 ft (18 m)	Up to 60 ft (18 m)	Up to 75 ft (23 m)	Up to 85 ft (26 m)
Throw Distance	30 ft (9 m)	30 ft (9 m)	42 ft (13 m)	44 ft (13 m)	44 ft (13 m)					
Cutting Edge	0.53 x 3 in (13 x 76 mm)	0.53 x 3 in (13 x 76 mm)	0.53 x 3 in (13 x 102 mm)	0.53 x 3 in (13 x 102 mm)	0.53 x 3 in (13 x 102 mm)	0.53 x 3 in (13 x 102 mm)	0.53 x 3 in (13 x 102 mm)	0.53 x 3 in (13 x 102 mm)	0.53 x 3 in (13 x 102 mm)	0.53 x 3 in (13 x 102 mm)

Approved Machines: S-68 Shear Loader, Compact Tractor Loader, All Wheel Steer Loader, Mini Track Loader, Bobcat® Utility Work Machine, Wheel Loader® 110

# MOVE THE SNOW RIGHT WHERE YOU WANT IT.

The Bobcat® snow blade brings unrivaled speed to any light and moderate snow removal job. It angles 30 degrees to either side with the help of fingertip controls inside the cab of your Bobcat loader. There's no need to leave the cab – or even remove your hands from the controls – in order to move piles of snow from sidewalks, driveways, parking lots and more.

### STANDARD-DUTY SNOW BLADE

The standard-duty snow blade has a trip moldboard that folds over and prevents damage to the attachment if it strikes obstacles such as manhole covers, curbs or raised concrete, preventing damage to the attachment.

### HEAVY-DUTY SNOW BLADE

The heavy-duty snow blades offer five degrees of oscillation to either side to help maneuver the cutting edge when moving snow around drainage in parking lots and transitions from sidewalks to streets. It also features a trip edge. Because the snow blade stays upright, plowed snow remains in front of the blade.

### MOLDBOARD

Angles right or left up to 30 degrees. Trip mechanisms prevent damage from obstacles and surface irregularities.

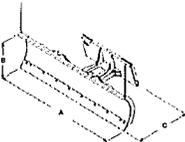
### DEPTH SHOES

Long-lasting and adjustable to stand up to virtually any combination of snow and surface.



**OPTIONS AND ACCESSORIES**  
**CUTTING EDGES:** High-carbon steel comes standard with the snow blade; rubber and polyurethanes are available for protecting sensitive surfaces.

**END WING KITS:** Available for select models, end wings make the snow blade more versatile, allowing it to be used as a snow pusher.



SPECIFICATIONS	54 IN.	60 IN.	72 IN.	84 IN.	96 IN.	86 IN. HEAVY-DUTY	96 IN. HEAVY-DUTY	108 IN. HEAVY-DUTY
Operating Weight	310 lb (141 kg)	593 lb (267 kg)	590 lb (267 kg)	620 lb (281 kg)	603 lb (279 kg)	699 lb (317 kg)	677 lb (309 kg)	945 lb (430 kg)
Width (A)	54 in. (1372 mm)	60 in. (1524 mm)	72 in. (1829 mm)	84 in. (2134 mm)	96 in. (2439 mm)	80 in. (2032 mm)	96 in. (2439 mm)	108 in. (2743 mm)
Height (B)	21.9 in. (555 mm)	23 in. (584 mm)	28 in. (711 mm)	28 in. (711 mm)	23 in. (584 mm)	23.5 in. (594 mm)	23.5 in. (594 mm)	23.5 in. (594 mm)
Working Width (C) Fully angled	46.6 in. (1187 mm)	52 in. (1321 mm)	63 in. (1600 mm)	73 in. (1854 mm)	83 in. (2108 mm)	63 in. (1600 mm)	75 in. (1905 mm)	84 in. (2134 mm)
Skid Cutting Edge	0.39 x 4 in. (9.5 x 102 mm)	0.39 x 6 in. (9.5 x 152 mm)	0.5 x 6 in. (12.7 x 152 mm)	0.5 x 6 in. (12.7 x 152 mm)	0.5 x 6 in. (12.7 x 152 mm)			
Number of Cylinders for Angle	1	2	2	2	2	1	1	1
Cylinder Rod Diameter	1.3 in. (32 mm)	1.8 in. (45 mm)	1.8 in. (45 mm)	1.8 in. (45 mm)				
Rip Strip(s)	2	4	4	4	4	4	4	0
Out. Rubber Cutting Edge	Yes							
Out. Polyurethane Cutting Edge	Yes							

Approved Machines: S44 Shear Loader, Compact Track Loader, A1 Wheel Steer Loader, M4 Track Loader, Tuxedo™ Utility Work Machine, VersaHANDLER™ TIC

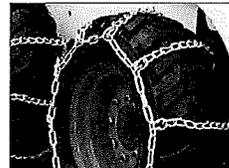
# BOBCAT EQUIPMENT PROVIDES MORE BENEFITS FOR WINTER WORK.

Beyond having more snow-removal attachments than any other manufacturer, a wide array of options allows you to take control over the elements and tailor your machine for the season.



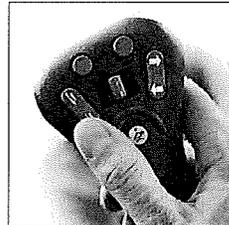
### FOR COMPLIANCE COMPLY WITH THE REQUIREMENTS FOR YOUR JOBSITE:

- Operator training kits
- Lighting kits



### FOR PERFORMANCE SAVE TIME AND LABOR ON EVERY JOB:

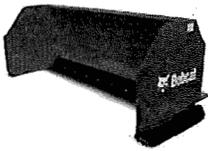
- High-flow hydraulics
- 2-Speed travel option
- Power Bob-Tach® mounting system
- Block heater, engine oil heater and cold start kit
- Tire chains to gain traction and control



### FOR COMFORT STAY COMFORTABLE – AND FOCUSED ON DOING A GREAT JOB FOR YOUR CUSTOMERS:

- Enclosed cab, heat and air conditioning
- Suspension seat
- AM/FM stereo
- Selectable Joystick Control (SJC) (ISO and "H" patterns)
- Advanced Control System (ACS) (hand and foot controls)
- Deluxe instrument panel ( theft protection and keyless-start convenience)

LEARN MORE ABOUT CUSTOMIZING YOUR EQUIPMENT:  
[BOBCAT.COM/CUSTOMLOADER](http://BOBCAT.COM/CUSTOMLOADER)



# COLLECT AND PUSH SNOW TO CLEAR BIG WINTER JOBSITES.

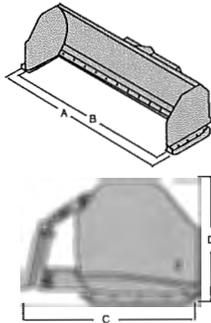


The open bottom and wide body of the snow pusher deliver pure pushing power for maximum snow removal speed and efficiency. It brings more collecting and holding capability to the job, which means larger areas can be cleaned without stopping as often. Perfect for parking lots, driveways and building sites.

Moldboard flotation and oscillation keep the snow pusher in contact with the ground without damaging equipment or property. This allows safe and efficient snow removal on decorative and sensitive surfaces such as paving stones. When operating on terrain that isn't perfectly flat, allow the blade to float and follow ground contours to collect more snow. When powering through snow on flat surfaces, keep the blade position fixed.

SPECIFICATIONS	60 IN.	72 IN.
Operating Weight	1122 lb. (509 kg)	1256 lb. (570 kg)
Overall Width (A)	162 in. (4086 mm)	128 in. (3251 mm)
Working Width (B)	84.6 in. (2152 mm)	121 in. (3062 mm)
Length (C)	50.2 in. (1273 mm)	55.2 in. (1403 mm)
Height (D)	37.8 in. (961 mm)	37.8 in. (961 mm)
Cutting Edge	1.5 x 8 in. Razor	1.5 x 8 in. Razor
Skid Shoes	0.75 x 5 in. AR400	0.75 x 5 in. AR400
Pivot		
Vertical	2.3 in. (59 mm)	2.3 in. (59 mm)
Tilt	12 deg.	12 deg.
Oscillation	±4.5 deg.	±4.5 deg.

Approved Machines: Skid Steer Loader, Compact Track Loader, All Wheel Steer Loader, Mini Track Loader, Tractor Utility Work Machine, VersaMADLER™ TTC



# PLOW THROUGH DEEP DRIFTS AND LARGE PILES OF SNOW.

The snow V-blade offers maximum versatility. With five blade configurations, the snow V-blade can be positioned multiple ways without ever leaving the cab.

- Scoop blade collects and holds snow for removal to another area. For final cleanup, pile it high.
- V-blade cuts an initial pathway fast through deep, heavy or hard-packed snow.
- Angle blade quickly and easily moves snow to the left or right.
- Straight blade gives maximum width for piling snow banks and cleaning light snow cover.



### OPTIONS AND ACCESSORIES

**FLOTATION KIT:** Optional frame flotation kit oscillates blade ±10 degrees to improve performance on uneven terrain and follow the contour of the ground independently of the carrier.

**RUBBER CUTTING EDGE:** Protects sensitive surfaces.

SPECIFICATIONS	60 IN.	72 IN.	84 IN.	96 IN.	108 IN.
Height (from blade extension)	23.5 in. (596 mm)	32.8 in. (833 mm)	32.8 in. (833 mm)	32.8 in. (833 mm)	32.8 in. (833 mm)
Length	45 in. (1143 mm)	47.3 in. (1201 mm)	47.3 in. (1201 mm)	47.3 in. (1201 mm)	47.3 in. (1201 mm)
Working Width (V-back)	54 in. (1372 mm)	64.5 in. (1638 mm)	75 in. (1905 mm)	85.5 in. (2172 mm)	96 in. (2433 mm)
Scoop Working Width (V-blade)	53 in. (1346 mm)	63 in. (1600 mm)	74 in. (1880 mm)	84 in. (2134 mm)	95 in. (2413 mm)
Working Width (straight)	62 in. (1575 mm)	74 in. (1880 mm)	60 in. (2334 mm)	93 in. (2367 mm)	110 in. (2794 mm)
Working Width (angled 30 degrees, left or right)	54 in. (1372 mm)	64 in. (1626 mm)	75 in. (1905 mm)	85 in. (2159 mm)	95 in. (2413 mm)
Operating Weight	600 lb. (270 kg)	733 lb. (335 kg)	778 lb. (353 kg)	824 lb. (374 kg)	868 lb. (394 kg)
Operating Weight (with oscillation kit) (to 28.5 deg. with 1/2 in. skid)	—	972 lb. (441 kg)	—	1018 lb. (459 kg)	1102 lb. (500 kg)
		±10		±10	±10

Approved Machines: Skid Steer Loader, Compact Track Loader, All Wheel Steer Loader, Tractor Utility Work Machine

# CREATE SMOOTH, GREEN LANDSCAPES ACCURATELY AND EFFICIENTLY.

Whether laying sod is a normal part of the day-to-day operation or just an occasional chore, the sod layer attachment makes quick and easy work of laying a fresh, green landscape. For high-production sod installation, the sod layer can carry and lay a roll of sod up to 4 feet wide. Its front-mounted maneuverability makes it highly effective on any jobsite, even those with space restrictions.



SPECIFICATIONS	60 IN.
Operating Weight	590 lb. (270 kg)
Sod Roll Width	24.4 in. (619-1219 mm)
Arm Cylinders	(2) 2 x 1 x 10.5 mm x 6
Hyd Valve Setting	400 psi
	(psi) (psi) for arm cylinders (optional)

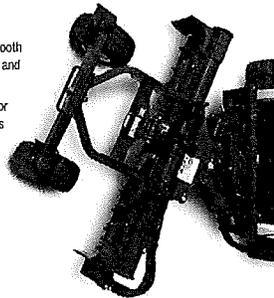
Approved Machines: Skid Steer Loader, Compact Track Loader, All Wheel Steer Loader, Tractor Utility Work Machine



# PREPARE THE LAND AND LAY A GOOD FOUNDATION FOR GROWTH.

The soil conditioner is a versatile, cost-effective attachment that no landscaping crew should be without. Its carbide-tipped teeth pulverize the soil, ripping through clumps, leveling the ground and filling in pits and holes. Rocks and other debris are windrowed to the edge of the jobsite for easy cleanup and removal.

- Cut swales
- Grade topsoil
- Level ground, smooth ruts, clear debris and till soil
- Prepare ground for seed, sod or trees
- Tear out sod



48-84 INCH  
AVAILABLE WIDTHS

### CARBIDE-TIPPED TEETH

Easily rip through hardpan and pulverize clumps for maximum ground penetration. Individual teeth are replaceable for easy attachment maintenance.

### DIRECT-DRIVE HYDRAULIC MOTOR

Eliminates the need for sprockets and chains, resulting in a more durable product that requires minimal maintenance.

### DRUM POSITIONING

To level and grade a surface, lock the drum for a box blade effect. Or place the drum in the float position to follow the contours of the terrain and prepare the soil without leveling sculpted land.

### FOAM-FILLED TIRES

Featured on the 72- and 84-inch hydraulic and high-flow models, foam-filled tires protect your productivity by eliminating flat tires on the jobsite.

### FRONT BOLSTER

Designed with a wide stance, the front bolster provides enough room between the wheels and drum to let material in front of the drum, delivering better grade control. Flip the bolster up to create extra room when transporting or for storage.

### INCREASED DRUM TORQUE

High-flow models feature increased drum torque for moving more dirt and grading more efficiently. Increased drum torque is especially beneficial when operating in rich soils.

### INTEGRATED CONTROLS

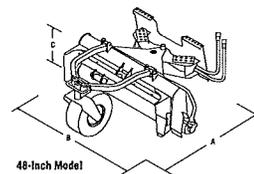
Hydraulic and high-flow models feature hydraulic adjustment of angle and depth control, which are easily controlled on the fly from the integrated controls inside the cab.

### OSCILLATING BOLSTER

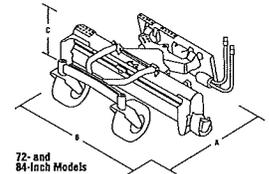
An oscillating bolster—standard on 72-inch and 84-inch models—keeps the drum parallel to the ground to minimize the effect of bumps and potholes, resulting in a smoother finish in fewer passes. The oscillating bolster, combined with hydraulic depth and angle controls, also makes it easy to sculpt the land or cut swales for drainage.

### REMOVABLE END PLATES

When removable end plates are attached, soil in front of the drum is carried along like a box blade and fills in low spots for an even finish. Without, material is pushed to the side and can later be picked up with a bucket.



48-inch Model



72- and 84-inch Models

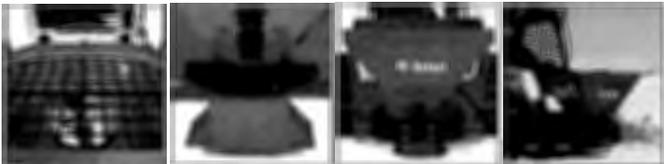
SPECIFICATIONS	48 IN. MANUAL	72 IN. MANUAL	72 IN. HYDRAULIC*	72 IN. HIGH FLOW†	84 IN. HYDRAULIC*	84 IN. HIGH FLOW†
Overall Length (A)	57.9 in. (1471 mm)	67.9 in. (1725 mm)				
Overall Width (B)	60.6 in. (1550 mm)	63.2 in. (1610 mm)	66.2 in. (1681 mm)	66.2 in. (1681 mm)	63.2 in. (1610 mm)	63.2 in. (1610 mm)
Height (C)	23.9 in. (603 mm)	30 in. (761 mm)	30 in. (761 mm)	30 in. (761 mm)	29.7 in. (755 mm)	29.7 in. (755 mm)
Working Width (4.5° angle)	46 in. (1168 mm)	65 in. (1651 mm)	63 in. (1601 mm)	65 in. (1651 mm)	76 in. (1931 mm)	76 in. (1931 mm)
Depth of Angle	25 deg. left or right					
Number of Teeth	81	121	121	121	141	141
Operating Weight	630 lb. (283 kg)	1110 lb. (504 kg)	1110 lb. (504 kg)	1110 lb. (504 kg)	1263 lb. (575 kg)	1263 lb. (575 kg)
Hydraulic Requirements	10-13 gpm	13-37 gpm	13-37 gpm	25-37 gpm	10-37 gpm	30-37 gpm
Tires	Pneumatic	Pneumatic	From 8.5-1	From 8.5-1	From 8.5-1	From 8.5-1
Flip or Lock Position	Lock Only	Both	Both	Both	Both	Both
Depth Adjustment	Manual	Manual	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Angle Adjustment	Manual	Manual	Hydraulic	Hydraulic	Hydraulic	Hydraulic

\*Approved Machines: 543 Steer Loader, Compact Track Loader, A8 Wheel Steer Loader, M71 Track Loader, Toolcat™ Utility Work Machine, VersaHANDLER™ TTC



## THE SPREADER'S GOT IT COVERED.

Need to spread sand and salt for winter maintenance? The spreader attachment gets it done right. Maintain parking lots, sidewalks, driveways and alleys during winter or spread seed and fertilizer during spring and summer.



**Bobcat.** For specifications, a dealer and to learn more information visit [Bobcat.com](http://Bobcat.com) or call 1-800-541-4673.

[Bobcat.com/Spreader](http://Bobcat.com/Spreader)



### HSB SPREADER HYDRAULIC CONTROL AND CONVENIENCE

The self-loading hopper on the HSB has an open top and can be used as a bucket, allowing an operator to efficiently fill the spreader from a pile rather than pour material into the top. With a 9.6-cubic-foot hopper, the spread pattern is controlled by a hydraulic motor and three material flow gates that spread from 18 to 28 feet. The three individual gates, located on the hopper, maintain the rate of material spread.

- Hopper grate filters unwanted debris from spread material.
- Self-loading hopper can be used as a bucket, filling the spreader from a pile. Quickly and efficiently reload the spreading material into the hopper for large-coverage jobs.
- Hydraulic system controls spread pattern from 18 to 28 feet.

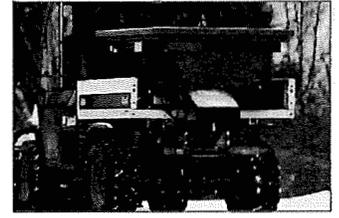
#### OPTIONS AND ACCESSORIES

**SIDEWALK KIT:** Keeps spreading material from being cast out of the bounds of the sidewalk.

SPECIFICATIONS	SP12	HSB
Operating Weight (empty)	325 lb (147 kg)	337 lb (153 kg)
Height	44.7 in. (1135 mm)	49.9 in. (1269 mm)
Width	43.5 in. (1102 mm)	54.4 in. (1382 mm)
Length	78.5 in. (1994 mm)	32 in. (815 mm)
Hopper Capacity	13.5 ft <sup>3</sup> (382 L)	9.6 ft <sup>3</sup> (272 L)
Spreading Pattern	5-43 ft (1.5-13.2 m)	16-28 ft (5.6-8.7 m)
Spread Control	Variable speed dial control	Dial control
Motor	12 volt DC direct drive	Hydraulic
Spinner Wheel Diameter	12 in. (305 mm)	18 in. (457 mm)
Hopper Material	Plastic	Steel

Approved Machines: 544 Shear Loader, Compact Track Loader, All Wheel Drive Loader, Bobcat® 5600 Utility Work Machine

[Bobcat.com/Spreader](http://Bobcat.com/Spreader)



### SP12 SPREADER FOR TOOLCAT MACHINES

Equip your utility work machine to spread sand and salt with the SP12 spreader attachment. With a 13.5-cubic-foot hopper, the corrosion-free, all-poly unit mounts in the cargo box and can hold more material for larger spreading jobs. A dash-mounted spreader control allows you to adjust the auger and spinner speed to spread material from 5 to 40 feet from inside the cab. Because the spreader mounts in the rear of the machine, you can use a front-mounted attachment such as a blade, blower or broom to clear snow before spreading.

- Two dash-mounted, variable-speed dials provide independent adjustment of the auger and spinner control directly from the operator's seat.
- A mesh screen at the top of the hopper filters large chunks of sand and salt for even, consistent flow.
- A three-stage baffle covers the auger and allows an operator to adjust the material flow to material granularity.

#### OPTIONS AND ACCESSORIES

**REAR SPREADER LIGHT KIT:** Includes a taillight mounted on the spreader that can be connected to the taillights of the Toolcat™ utility work machine.



For specifications, a dealer and to learn more information visit [Bobcat.com](http://Bobcat.com) or call 1-800-541-4673.

**Bobcat.**

COMPACT LOADER

## IMPROVE DIGGING POWER AND PERFORMANCE.

Frame-mounted at the rear of the loader, the stabilizer transfers the weight of the loader to the backhoe or tree spade attachment, giving the attachment more force to power through the dig. Street pads protect sensitive surfaces from damage, and grouser bars help keep the loader from being pulled toward the work area. The rear stabilizer attachment also helps level and stabilize the loader on uneven terrain.



## STEEL TRACKS

## IMPROVE PERFORMANCE IN ROUGH, ROCKY AND MUDDY CONDITIONS.

Easy-to-install steel tracks provide better flotation and reduced ground pressure when operating in tough environments. They also improve traction when working in soft and loose conditions. Compared to rubber tires, the steel tracks deliver better operating results and protect tires from wear and damage. After initial installation, steel tracks can be reinstalled in less than 30 minutes.



**Bobcat.** For more information visit [www.bobcat.com](http://www.bobcat.com) and the benefits of more at [www.bobcat.com/compacttrack](http://www.bobcat.com/compacttrack)

[Bobcat.com/AllAttach](http://Bobcat.com/AllAttach)

COMPACT LOADER

## GRIND TREE STUMPS INTO MULCH.

An ideal attachment for rental companies, campus facilities, homeowners with acreage, municipalities and landscaping contractors, the stump grinder mounts directly to the front of a carrier for maneuverability in tight areas and easy positioning over the stump.



### 90-DEGREE ANGLE MOUNT

Mounted at a 90-degree angle to the operator, the stump grinder offers increased visibility to the cutting area, giving the operator the same wide view as with any pull-behind grinder.

### AUXILIARY HYDRAULICS OPERATION

Stump grinder operates off the carrier's auxiliary hydraulics, eliminating an engine to maintain while operating.

### RUBBER-DEFLECTING SHIELDS

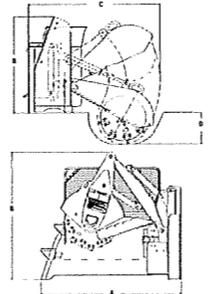
Protect operators from wood chips.

### CARBIDE-TIPPED TEETH

Efficiently rip through hard wood, providing long life and uptime protection for the attachment.

### UNIQUE VALVE DESIGN

Reduces the possibility of the cutting wheel stalling while in the cut.



SPECIFICATIONS	S010	S060	S0X60
Max. Cut Width (in)	59 in (1498 mm)	65.9 in (1671 mm)	65.9 in (1671 mm)
Overall Length	46.3 in (1175 mm)	45 in (1143 mm)	45 in (1143 mm)
Overall Height (ft)	33.5 in (851 mm)	59.4 in (1509 mm)	59.4 in (1509 mm)
Operating Weight	4291 lb (1929 kg)	9931 lb (4459 kg)	9765 lb (4419 kg)
Wheel Diameter (ft/in)	18 in (457 mm)	27 in (686 mm)	27 in (686 mm)
Tire Size	3109 40/91 R, 16 in (548 1400 mm)	4410 22/30 H, 16 in (1300 1990 mm)	3321 56/11 H, 16 in (1012 1020 mm)
Number of Teeth	16	32	32
Max. Cutting Height (ft)	11 in (279 mm)	32 in (813 mm)	32 in (813 mm)
Max. Cutting Depth (ft/in)	11 in (279 mm)	15 in (381 mm)	15 in (381 mm)
Max. Spool Acc.	90 deg	60 deg	60 deg
Hydraulic Flow	10-14 gpm (38-53 L/min)	17-32 gpm (64-121 L/min)	25-40 gpm (95-151 L/min)

Approved Machines: S-01 Steel Loader, Compact Track Loader, All Wheel Steer Loader, Mini Track Loader, Excavator, Utility Work Machine

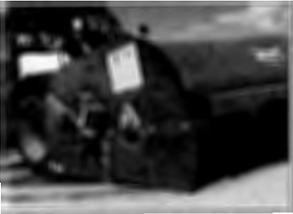
[Bobcat.com/Grinder](http://Bobcat.com/Grinder)

For more information visit [www.bobcat.com](http://www.bobcat.com) and the benefits of more at [www.bobcat.com/compacttrack](http://www.bobcat.com/compacttrack)

**Bobcat.**

# SWEEP, COLLECT, DUMP DIRT AND OTHER DEBRIS WITH THE SWEEPER ATTACHMENT.

When operating this tough attachment, poly bristles sweep and deposit debris in the sweeper bucket. Simply dump the material when the bucket is full. There is no need for multiple cleanup attachments. Ideal for construction, industrial and municipal jobs, the Bobcat® sweeper maintains optimal bristle-to-surface contact and delivers easy-to-use efficiency. Clean parking lots, sidewalks, docks and warehouses. Scrape mud and other caked-on materials from roadways, driveways and other jobsites.



## NO NEED FOR MULTIPLE CLEANUP ATTACHMENTS

### REVERSIBLE CUTTING EDGE

Cut through caked-on mud and materials with the replaceable bucket cutting edge. It's reversible to last twice as long.

### FORWARD AND REVERSE VERSATILITY

Operate the sweeper attachment going in either forward or reverse. Sweep in reverse with the cutting edge on the ground to sweep material into the bucket with the rotating poly bristles, similar to a broom and dustpan. In the forward direction, the bristles flick material forward against a rubber flap. From there, the material goes over the top of the bristles and is deposited into the bucket.

# 44-84 INCH

AVAILABLE SWEEP WIDTHS



SPECIFICATIONS	44 IN.	64 IN.	60 IN.	72 IN.	84 IN.
Sweep Width	44 in. (1118 mm)	54 in. (1372 mm)	60 in. (1524 mm)	72 in. (1828 mm)	84 in. (2134 mm)
Overall Width	49.3 in. (1257 mm)	59.3 in. (1491 mm)	65.2 in. (1661 mm)	77.2 in. (1963 mm)	89.9 in. (2284 mm)
Operating Weight	553 lb. (252 kg)	650 lb. (295 kg)	750 lb. (344 kg)	845 lb. (383 kg)	1029 lb. (466 kg)
Bucket Capacity, Heaped	6.6 ft <sup>3</sup> (0.19 m <sup>3</sup> )	8.2 ft <sup>3</sup> (0.23 m <sup>3</sup> )	12 ft <sup>3</sup> (0.34 m <sup>3</sup> )	14.4 ft <sup>3</sup> (0.41 m <sup>3</sup> )	18.5 ft <sup>3</sup> (0.52 m <sup>3</sup> )
Bucket Capacity, Swept	5.3 ft <sup>3</sup> (0.15 m <sup>3</sup> )	6.6 ft <sup>3</sup> (0.19 m <sup>3</sup> )	8.4 ft <sup>3</sup> (0.24 m <sup>3</sup> )	10.1 ft <sup>3</sup> (0.29 m <sup>3</sup> )	11.8 ft <sup>3</sup> (0.33 m <sup>3</sup> )
Brush Diameter	21.4 in. (544 mm)	21.4 in. (544 mm)	21.4 in. (544 mm)	21.4 in. (544 mm)	24 in. (610 mm)
Brush Material	Replaceable polypropylene bristles (steel frames available)				
Dumping Edge	-		215	215	215
Brush rpm @ 15 gpm	165	165	215	215	215
Wheel Kit	-	-	-	-	Optional
Gutter Brush	-	-	Optional	Optional	Optional

Approved Machines: S165 Skid Steer Loader, Compact Track Loader, All Wheel Steer Loader, Tracked Utility Work Machine, VerticalMOWER TTC



Bobcat.com/Sweeper



Sweeps and collects traveling forward

Sweeps and collects traveling in reverse

Dumps material



GUTTER BRUSH



WHEEL KIT

## OPTIONS AND ACCESSORIES

**GUTTER BRUSH:** Cleans curbs, alongside buildings and other hard-to-reach areas. Widens the sweeper's total width by one foot to allow more coverage per pass. Can be raised and stored vertically when not in use.

**WHEEL KIT:** Available as an option for the 84-inch sweeper attachment, the wheel kit protects surfaces such as concrete, cobblestone and asphalt from scrapes and scratches by suspending the cutting edge of the sweeper during forward travel. Two mounted caster wheels are included in the kit.

**BRISTLES:** Ideal for all sweeping conditions, poly bristles provide better flicking action for effective debris removal. Steel bristle and combo bristle (poly and steel) sections are also available for stubborn debris.

**WATER KIT:** Keeps dust and debris under control when operating in tough environments, with jet nozzles spraying water evenly across a surface.

Bobcat.com/Sweeper

For specifications, guidelines and trademark information visit Bobcat.com/company/info/terms-of-use



## USE CATEGORY I AND II IMPLEMENTS WITH BOBCAT LOADERS AND WORK MACHINES.

The 3-point adapter adds even more versatility to your Bobcat® machine, enabling it to use Category I and II implements that meet the ASABE standard for 3-point hitches.

- Bob-Tach® mounting system for quick-mounting
- Adjustable top link for added versatility
- 2-inch receiver for towing trailers



SPECIFICATIONS	
Operating Weight	272 lb (123 kg)
Length	14 1/2 (368 mm)
Width	43 1/2 (1103 mm)
Height	29 1/2 (737 mm)
3-Point Mounting Frame	Meets most standard Category I and Category II 3-Point Hitch attachments

Approved Machines: S10 Steer Loader, Compact Track Loader, All Wheel Steer Loader, Toolcat™ Utility Work Machine

## COMMON INDUSTRY INTERFACE

### ADDED VERSATILITY FOR YOUR MINI TRACK LOADER

BOBCAT® MINI TRACK LOADERS CAN BE EQUIPPED WITH EITHER THE EXCLUSIVE BOB-TACH® ATTACHMENT MOUNTING SYSTEM OR THE COMMON INDUSTRY INTERFACE (CII).

- The Bob-Tach mounting system delivers rapid attachment changes and superior attachment fitment.
- The CII pin-on design allows you to pair mini track loaders with many attachments you already own.

### BOBCAT ATTACHMENTS WITH THE CII INTERFACE INCLUDE:

- Auger
- Buckets: 36 or 44 inches
- Hydraulic breaker
- Pallet fork
- Trencher



## OUR BRAND FITS YOUR BRAND.

Put Bobcat attachments to work – no matter what brand of loader you operate.

Just because it has the Bobcat brand doesn't mean you can't try it on for size. Did you know that many Bobcat attachments fit a variety of loader brands? That means you can expand your versatility with attachment choices from the world's leading attachment manufacturer, even if you don't have a Bobcat loader.

**WHAT'S YOUR JOB?**  
Check out hard-working Bobcat attachments for:

- Landscaping
- Construction
- Demolition and recycling
- Concrete and flatwork
- Agriculture and agribusiness



## BREAK NEW GROUND.

Tear through clumps and hardened materials with the replaceable, double-edged tines of the tiller attachment. Till and mix the soil with compost materials to prepare the ground.



### BI-DIRECTIONAL ROTATION

Allows for top-cutting and under-cutting when operating in either direction, maximizing attachment versatility and increasing operating capabilities.

### OFFSET MOUNTING

Enables tilling next to sidewalks, curbs and buildings, increasing jobsite capabilities.

### OPTIONAL ADJUSTABLE SKID SHOES

Deliver depth control for more precise tilling operation. Can be set to 2-, 4- or 6-inch depths.

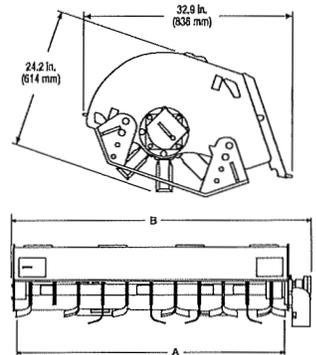
- Tear through clumps and loosen soil
- Mix compost, fertilizer, manure and mulch into the soil
- Add amendments to flower beds
- Prepare land for planting
- Remove weeds between rows
- Till next to sidewalks, curbs and buildings

### REPLACEABLE TINES

Hardened for maximum soil penetration, the double-edge tines break through clumps and tear through materials to deliver loosened soil for preparing the ground.

### DIRECT-DRIVE HYDRAULIC MOTOR

Delivers necessary operating power while reducing overall maintenance costs, extending the life of the attachment and eliminating the need for high-wear items such as gear boxes, chains, sprockets and shear pins.



SPECIFICATIONS	40 IN.	62 IN.	76 IN.
Working Width (A)	40 in (1030 mm)	62 in (1575 mm)	76 in (1915 mm)
Overall Width (B)	48 in (1219 mm)	71 in (1803 mm)	84.5 in (2146 mm)
Tines	24	36	44
Max. Working Depth	6 in (152 mm)	6 in (152 mm)	6 in (152 mm)
Tire Rotation	Bi-directional	Bi-directional	Bi-directional
Drive	Direct	Direct	Direct
Trawl Direction	Forward/Reverse	Forward/Reverse	Forward/Reverse
Operating Weight	475 lb (215 kg)	600 lb (269 kg)	740 lb (334 kg)
Flow Range	9-10 gpm (34-68 L/min)	17-20 gpm (64-75 L/min)	17-20 gpm (64-75 L/min)

Approved Machines: S10 Steer Loader, Compact Track Loader, All Wheel Steer Loader, Mini Track Loader, Toolcat™ Utility Work Machine

# DIG AND TRANSPLANT TREES WITH SPEED AND PROFICIENCY.

The rugged, dependable tree spade attachment turns any loader into a transplanting unit, while also speeding up production and cutting labor costs. With its compact, short tower design, the tree spade easily squeezes between closely planted trees. Built for maximum durability, the reinforced attachment frame handles the bumps and bruises of a tough work environment. The tree spade works in a variety of soil conditions, maximizing worksite capabilities.

### DELUXE INSTRUMENT PANEL CONTROL

Monitor active blades and gates, change auto- and easy-dig settings, and monitor the number of trees you dig in a day with the optional deluxe instrument panel.



### REAR STABILIZERS

Rear stabilizers are recommended when using the tree spade on approved Bobcat® loaders. Stabilizers transfer the weight to the tree spade for maximum digging. This allows the operator to dig in tough soil.

### CONTROL OPTIONS

A convertible valve option controls tree spade operation with fingertip controls on the steering levers or by using a pendant control box on other manufacturers' machines.

### ADJUSTABLE LEGS

Allow for digging five different root-ball sizes with one tree spade.

### BOBCAT ORANGE COLOR

Delivers better attachment visibility when digging.

### COMPACT DESIGN

Allows for attachment operation in confined areas without damaging the landscape.



### CONVERTIBLE VALVE

Allows for operation with Bobcat® loaders as well as other brands.



### EASY ACCESS STEP

Design of the frame allows for easy access to the loader.



### OPEN FRAME DESIGN

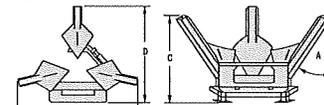
Provides excellent visibility to the base of the tree.



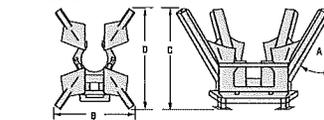
### OVERLAPPING BLADES

Ensure clean root cutting and support of the root ball.

### Three-Blade Dimensions



### Four-Blade Dimensions



SPECIFICATIONS	32 IN.	36 IN.	44 IN.
Ball Diameter	20.33 in. (518.033 mm)	29.27 in. (737.840 mm)	36.45 in. (914.1143 mm)
Tree Diameter	2-3.3 in. (51-84 mm)	2-3.6 in. (51-97 mm)	3-4.5 in. (76-114 mm)
Ball Weight	256 (500 lb) (110 263 kg)	394 (605 lb) (179 365 kg)	576 (1177 lb) (262 534 kg)

Approved Machines: S-10 Shear Loader, Compact Track Loader, All Wheel Steer Loader

### BLADE CONFIGURATIONS

Most tree spade models are available in modified and cone blade configurations. Select the right tree spade attachment for your specific machine and application.



**MODIFIED BLADE:** Has a tower angle of 25 degrees, allowing the tree spade to place the removed tree directly into a basket. It's the most popular choice for balled-and-burlapped tree harvesting, and it's excellent for loamy to sandy soils.



**CONE BLADE:** Is popular for transporting and placing trees in sandy and hard-packed soils. It can also be used to place trees in baskets.

32 IN.	MODIFIED BLADE	CONE BLADE
Number of Blades	3	3
Blade Angle (A)	25 deg	30 deg
Width (B)	70.8 in. (1800 mm)	61.8 in. (1573 mm)
Height (C)	58.7 in. (1491 mm)	64.2 in. (1631 mm)
Length (D)	74.2 in. (1895 mm)	63.3 in. (1610 mm)
Max. Digging Depth	25.9 in. (655 mm)	31.2 in. (792 mm)
Bottom Opening Radius	5.6 in. (142 mm)	0.8 in. (20 mm)
Spade Weight	1525 lb. (691.7 kg)	1590 lb. (721.2 kg)

36 IN.	MODIFIED BLADE	CONE BLADE
Number of Blades	3	3
Blade Angle (A)	25 deg	30 deg
Width (B)	79.8 in. (2027 mm)	65.6 in. (1668 mm)
Height (C)	58.7 in. (1491 mm)	64.2 in. (1631 mm)
Length (D)	78.4 in. (1991 mm)	67.5 in. (1723 mm)
Max. Digging Depth	29.4 in. (747 mm)	29.9 in. (759 mm)
Bottom Opening Radius	6.2 in. (157 mm)	2.2 in. (56 mm)
Spade Weight	1590 lb. (721.2 kg)	1640 lb. (743.0 kg)

44 IN.	MODIFIED BLADE	CONE BLADE
Number of Blades	4	4
Blade Angle (A)	25 deg	30 deg
Width (B)	77.7 in. (1974 mm)	65.1 in. (1652 mm)
Height (C)	66.6 in. (1692 mm)	64.2 in. (1631 mm)
Length (D)	78.5 in. (1994 mm)	65.1 in. (1652 mm)
Max. Digging Depth	31 in. (787 mm)	33.3 in. (846 mm)
Bottom Opening Radius	6.4 in. (163 mm)	5.6 in. (142 mm)
Spade Weight	2145 lb. (973 kg)	2150 lb. (975 kg)

# CUT A TRENCH IN DEMANDING SOIL CONDITIONS.

The Bobcat® trencher creates trenches fast – even when working in hard, rocky soil. Teeth and chain options give you more versatility, enabling you to maximize trenching capabilities for soil conditions.



**LIGHT TO MEDIUM JOBS:**  
The LT112, LT113 and LT213 deliver 2- to 3-foot dig depths.

**MEDIUM- TO HEAVY-DUTY JOBS:**  
The LT313 provides a 3- to 4-foot depth, and the LT414 delivers a 4- to 5-foot dig depth for optimal utility installation performance.

**HEAVY-DUTY JOBS:**  
The LT405 delivers a 3- to 5-foot dig depth and high-flow performance capabilities to harness the additional horsepower of machines equipped with high-flow hydraulics.

SPECIFICATIONS	LT112	LT113	LT213	LT313 (3 FT.)	LT313 (4 FT.)	LT414 (4 FT.)	LT414 (5 FT.)	LT405
Side Shift	Manual side-shift	Hydraulic side-shift	Hydraulic side-shift	Hydraulic side-shift				
Chain	17 in. (42 mm)	17 in. (42 mm)	17 in. (42 mm)	2 in. (51 mm)	2 in. (51 mm)	2 in. (51 mm)	2 in. (51 mm)	2 in. (51 mm)
Auger	12 in. (305 mm) diameter single removable auger	12 in. (305 mm) diameter single removable auger	12 in. (305 mm) diameter single removable auger	14 in. (356 mm) diameter single removable auger	14 in. (356 mm) diameter single removable auger	12 1/4 in. (315.32 mm) diameter dual tip auger	12 1/4 in. (315.32 mm) diameter dual tip auger	12 in. (305 mm) diameter dual tip auger
Chain Tensioning	Grease cylinder	Grease cylinder	Grease cylinder	Grease cylinder				
Chain Drives Available	152psi	152psi	152psi	152psi	152psi	152psi	152psi	152psi
Operating Weight (with loader)	613 lb (278 kg)	630 lb (287 kg)	725 lb (329 kg)	936 lb (423 kg)	990 lb (444 kg)	1101 lb (500 kg)	1210 lb (552 kg)	1520 lb (690 kg)
Breaking Width Available	4 ft (102.203 mm)	4 ft (102.203 mm)	4 ft (102.203 mm)	6 ft (152.305 mm)	6 ft (152.305 mm)	6 ft (152.305 mm)	6 ft (152.305 mm)	6 ft (152.305 mm)
Flow Range	9-15 gpm (34.37 L/min)	9-15 gpm (34.37 L/min)	11-18 gpm (42.01 L/min)	15-23 gpm (57.07 L/min)	15-23 gpm (57.07 L/min)	26-40 gpm (99.15 L/min)	26-40 gpm (99.15 L/min)	26-40 gpm (99.15 L/min)
Max Operating Pressure	3000 psi (206.84 kPa)	3000 psi (206.84 kPa)	3300 psi (227.50 kPa)	3300 psi (227.50 kPa)	3300 psi (227.50 kPa)			
Overall Length (L)	60.7 in. (1542 mm)	74 in. (1879 mm)	74 in. (1879 mm)	74 in. (1879 mm)	74 in. (1879 mm)	74 in. (1879 mm)	74 in. (1879 mm)	74 in. (1879 mm)
Standard Boom Length (B)	39.4 in. (1000 mm)	52.5 in. (1334 mm)	52.5 in. (1334 mm)	55.5 in. (1409 mm)	55.5 in. (1409 mm)	65 in. (1651 mm)	65 in. (1651 mm)	65 in. (1651 mm)
Dig Depth @ 60 degrees (C)	24 in. (610 mm)	30 in. (762 mm)	36 in. (914 mm)	36 in. (914 mm)	43 in. (1092 mm)	50 in. (1270 mm)	62 in. (1575 mm)	49.63 in. (1260 mm)
Frame Width (D)	39 in. (915 mm)	39 in. (915 mm)	42 in. (1067 mm)	42 in. (1067 mm)	50 in. (1270 mm)	50 in. (1270 mm)	50 in. (1270 mm)	50 in. (1270 mm)
Side Shift Travel (E)	16.1 in. (409 mm)	16.1 in. (409 mm)	23.1 in. (587 mm)	23.1 in. (587 mm)	23.1 in. (587 mm)	21.0 in. (533 mm)	21.0 in. (533 mm)	20 in. (508 mm)
Auger Clearance (F)	13.0-15.0 in. (331-401 mm)	13.0-15.0 in. (331-401 mm)	13.0-15.0 in. (331-401 mm)	24.27 in. (613.65 mm)	24.27 in. (613.65 mm)	24.4-26.4 in. (619-671 mm)	24.4-26.4 in. (619-671 mm)	19 in. (483 mm)

\*Optional hydraulic side shift available. Hydraulic side shift to right. Approved Machines: S-45 Steer Loader, Compact Track Loader, A4 Wheel Steer Loader, M71 Track Loader, M91 Excavator, Track-A® Utility Work Machine

**AUGER**

The large-diameter auger moves material from the side of the trench and limits the spoil that falls back into the trench.

**COMPACT FRAME AND EASY TRANSPORTATION**

LT112 – LT414 are narrow enough to fit into a pickup truck.

**GREASE CYLINDER TENSIONING**

Adjusting the chain to the proper tension is fast and easy.

**SIDE-SHIFT VERSATILITY**

A manual or hydraulic side-shift feature (depending on the model) allows you to dig close to buildings, fences and other jobsite obstacles.

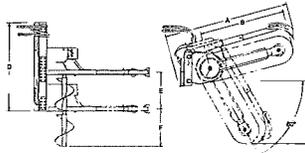
**OPTIONS AND ACCESSORIES**

**SINGLE STANDARD CUP CHAIN:** Features cupped teeth on every other section to excel at light and moderate digging in dirt, clay and loamy soils.

**DOUBLE STANDARD CUP CHAIN:** Cupped teeth are mounted on every station for the best productivity in very muddy soils and loose sand.

**CUP AND CARBIDE CHAIN:** Alternating cup teeth and carbide bullet teeth in a double standard pattern provides the best performance in very hard soils, frozen ground and fracturable rock.

**SHARK/CUP TEETH:** This combination of cup teeth and shark teeth works best in hard soils, fracturable rock and ground with rocky soil.



## TRENCH COMPACTOR

### WHEN THE DIGGING IS DONE, FINISH THE JOB.

This attachment is ideal for locations such as backyards, golf courses and parks. It finishes off any trenching job, working to power down and compress the soil for a neatly packed trench. The large, wheel-type compactor compresses soil down in the trench, using a vibratory shaker box for optimum compaction in any soil type. To ensure proper rpm, the vibratory shaker box features a built-in flow regulator.

SPECIFICATIONS	
Operating Weight	1400 lb (635 kg)
Length	57 in. (1443 mm)
Height	59 in. (1493 mm)
Width	59 in. (1493 mm)
Wheel Diameter	43.5 in. (1104 mm)
Working Depth	27 in. (688 mm)
Working Width	45.6 in. (1159 mm)
Standard Pad	114 (171 mm)
Working Width	8' 10" (2703 mm)
Wheel Pad	200 (203 mm)
Dynabuck Force	7000 lb (3175 kg)
Vibrations Per Minute	2200 @ 18 gpm

Approved Machines: S-45 Steer Loader, Compact Track Loader, A4 Wheel Steer Loader

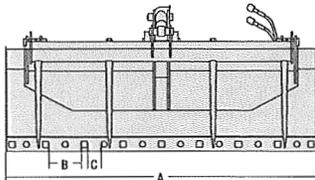


# HANDLE MATERIALS EASIER. MOVE MATERIALS FASTER.

Handle bundled material, loose straw, manure and other hard-to-grab materials with the Bobcat® utility fork. Strong, replaceable, tapered teeth easily and efficiently handle a variety of farm chores. Use the exclusive Bob-Tach® mounting system to quickly secure the utility fork to the carrier.

### REPLACEABLE TEETH

Utility fork teeth are replaceable for easy attachment maintenance, providing great performance, long attachment life and maximum productivity. Teeth are forged to provide strength with minimal weight. Add additional teeth to narrow the space between fork tines.



### OPTIONS AND ACCESSORIES

**UTILITY GRAPPLE:** For added versatility, pair the utility fork with the utility grapple and sink into hard-to-handle materials. Scrape, lift and move loose materials such as manure, bedding and hay. Or get a grip on hard-to-grab loads such as posts and fencing.

FORK	OPERATING WEIGHT	OVERALL WIDTH (A)	STANDARD NUMBER OF TEETH	SPACING BETWEEN STANDARD NUMBER OF TEETH (B)	MAX. NUMBER OF TEETH	SPACING BETWEEN MAX. NUMBER OF TEETH (C)
36 in.	200 lb (91 kg)	35.6 in. (909 mm)	5	8.2 in. (208 mm)	9	4.1 in. (104 mm)
54 in.	260 lb (127 kg)	54 in. (1372 mm)	7	8.2 in. (208 mm)	13	4.1 in. (104 mm)
60 in.	304 lb (138 kg)	60 in. (1524 mm)	8	8.2 in. (208 mm)	15	4.1 in. (104 mm)
66 in.	330 lb (150 kg)	66 in. (1676 mm)	9	8.2 in. (208 mm)	17	4.1 in. (104 mm)
72 in.	345 lb (157 kg)	72 in. (1829 mm)	10	8.2 in. (208 mm)	19	4.1 in. (104 mm)
80 in.	359 lb (170 kg)	80 in. (2032 mm)	11	8.2 in. (208 mm)	21	4.1 in. (104 mm)

Approved Machines: S-18 Skid Steer Loader, Compact Trac Loader, All Wheel Steer Loader, Mini Track Loader, InLink™ Utility Work Machine

## PLOW IN AND WORK BELOW THE GROUND.



Designed for mini track loaders, the vibratory plow attachment is the ideal tool for installing pipe and cable with minimal ground disturbance. Dig down with the adjustable plow blade. A coupler wheel cuts sod immediately ahead of the plow blade while the pressure foot holds existing sod down and protects the surrounding area as the blade moves up and down. The result is a knife-like slit that almost disappears as the machine drives over the cut.

SPECIFICATIONS	
Flow Depth	6.19 in. (152.47 mm)
Operating Weight	560 lb (254.9 kg)
Height	31.1 in. (790 mm)
Width	26 in. (661 mm)
Length	33.6 in. (859 mm)
Hydraulic Flow Range	10-14 gpm
Max. Hydraulic Pressure	3000 psi

Approved Machines: Mini Track Loader

## VIBRATORY ROLLER

## HARD PACK THE GROUND IN FORWARD OR REVERSE.



### ISOLATION MOUNTING SYSTEM

Reduces vibration transferred to the operator, meaning less operator fatigue and more comfortable working conditions. It also affords more consistent pressure to the ground, delivering constant compacting results.

### SMOOTH DRUM

Provides excellent performance for sand, pea rock, gravel and asphalt patching.

### PADDLED DRUM

Compacts heavy soils, clay and clay-based backfill.

### BI-DIRECTIONAL OPERATION

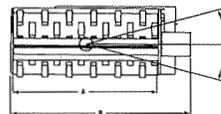
Dual-direction vibration motor permits compaction while traveling in either direction.

### DRUM OSCILLATION

Free drum oscillation keeps more of the drum in contact with the surface on uneven terrain.

### OIL-BATH BEARING

Designed to avoid costly downtime, the oil-bath bearings eliminate the need for daily greasing.



The vibrating action of the roller allows the base material to realign and compact from the bottom up. A hydraulic motor drives a centrifugal weight on the drum shaft that provides the compacting action. This agile attachment is ideal for site preparation operations, landscaping contractors and paving operations.

SPECIFICATIONS	48 IN.	73 IN.	80 IN.
Drum Width (A)	48 in. (1219 mm)	73 in. (1854 mm)	80 in. (2032 mm)
Overall Width (B)	60 in. (1524 mm)	79 in. (2006.6 mm)	86 in. (2184.4 mm)
Drum Offset	9 in. (228.6 mm) to right	Controlled	Controlled
Downright Side Tires on	66 in. (1676 mm) wide tracks	72 in. (1829 mm) wide tracks	80 in. (2032 mm) wide tracks
Drum Diameter			
Paddled	25.4 in. (645 mm)	25.4 in. (645 mm)	—
Smooth	26 in. (660 mm)	26 in. (660 mm)	26 in. (660 mm)
Number of Pads (Paddled Drum)	78	112	—
Drum Oscillation (C)	±12 deg	±7.5 deg	±7.5 deg
Dynamic Force	10519 lb @ 17 gpm (4771 kg @ 64 L/min)	9905 lb @ 20 gpm (4493 kg @ 76 L/min)	9905 lb @ 20 gpm (4493 kg @ 76 L/min)
	14244 lb @ 20 gpm (6461 kg @ 76 L/min)	14244 lb @ 24 gpm (6470 kg @ 91 L/min)	14244 lb @ 24 gpm (6470 kg @ 91 L/min)
Frequency (vibrations per minute)	2448 vpm @ 17 gpm (84 L/min)	2401 vpm @ 20 gpm (76 L/min)	2401 vpm @ 20 gpm (76 L/min)
	2870 vpm @ 20 gpm (76 L/min)	2382 vpm @ 24 gpm (91 L/min)	2382 vpm @ 24 gpm (91 L/min)
Operating Weight			
Paddled	1770 lb (807 kg)	2169 lb (993 kg)	—
Smooth	1763 lb (811 kg)	2203 lb (1002 kg)	2120 lb (1052 kg)

Approved Machines: Skid Steer Loader, Compact Trac Loader, All Wheel Steer Loader

COMPACT LOADER

### KEEP DUST, DIRT AND DEBRIS UNDER CONTROL.

When working in residential and urban areas, use the water kit attachment to control dust levels on the jobsite. It is a perfect complement to the angle broom, sweeper, planer and vibratory roller attachments. Its high-capacity tank volume minimizes refilling, meaning longer operating time with the attachment. Control water pump operation with the on/off switch, conveniently located in the carrier cab.



SPECIFICATIONS	
Operating Weight (empty)	195 lb (88 kg)
Operating Weight (fully loaded)	228 lb (103 kg)
Tank Capacity (water)	14 gal (53 L)
Max. Flow Rate (pressure)	0.28 gpm (1.05 L/min)

Approved Machines: Soil Shovel Loader, Compact Track Loader, All Wheel Steer Loader

### CUT THROUGH ASPHALT, CONCRETE, FROZEN GROUND AND WIRE MESH.

Cut trenches for installing water, gas, electrical, utility and fiber-optic cable lines, or prepare pavement for repairs. Powered by the carrier's high-flow hydraulics, the wheel saw cuts through asphalt, concrete and other materials to produce a perfect trench for installing utility lines. The hydraulic depth adjustment gauge delivers a consistent, uniform cut depth. For operating close to curbs and walls, the hydraulic side-shift allows the attachment to shift flush with any nearby object for a close cut.



SPECIFICATIONS	WS18	WS24
Overall Width	63.5 in (1740 mm)	63.5 in (1740 mm)
Overall Length	74.8 in (1900 mm)	83.9 in (2130 mm)
Overall Height	65 in (1650 mm)	70 in (1780 mm)
Operating Weight (w/o wheel and trencher beam)	1927 lb (874 kg)	1925 lb (874 kg)
Hydraulic Side-Shift	25.6 in (650 mm)	25.6 in (650 mm)
Hydraulic Flow Required	25.40 gpm (95.15 L/min)	25.40 gpm (95.15 L/min)
Trenching Depth	6-18 in (152-457 mm)	8-24 in (203-610 mm)

Approved Machines: Soil Shovel Loader, Compact Track Loader, All Wheel Steer Loader

LET YOUR UTILITY VEHICLE DO THE HARD PART:

## BOBCAT UTILITY VEHICLE ATTACHMENTS.



You can do the work from your seat with the Bobcat® 3650 utility vehicle. Just hook up one of the variety of Bobcat-built, PTO-driven attachments with your Multi-Attachment X-Change™ (M.A.X.) system. Independent engine throttle allows you to separately control engine speed and travel speed for maximum torque while moving at low speeds.

## BOBCAT POWERS YOUR VERSATILITY.

Whether you own a loader, excavator, telehandler or utility work machine, your Bobcat® machine is a versatile tool carrier that's fully equipped to run numerous job-matched attachments. Built for attachment performance, Bobcat equipment includes unique features that make you more productive. Standard and high-flow hydraulics, dual-direction detent, fingertip auxiliary controls, horsepower management – and more – help you use more attachments more efficiently so you get the job done faster and easier.

WHAT'S YOUR JOB?

Check out hard-working Bobcat attachments for:

- Landscaping
- Construction
- Demolition and recycling
- Grounds maintenance
- Concrete and flatwork
- Agriculture and agribusiness



ANGLE BROOM

Sweep a clean path through dirt, debris and snow with this low-maintenance attachment.

- Front-mounted PTO attachment for 3650
- Working width: 70 in.
- Hydraulically angles 25 degrees left or right



BUCKET

Load, carry, grade and dig materials with this high-capacity, high-strength bucket.

- Non-PTO attachment for 3650
- Overall width: 62.2 in.
- ISO heaped capacity: 4.7 cu. ft.

**GRAPPLE**

The utility grapple offers the additional holding ability necessary to bite down on even the loosest materials.

- Non-PTO attachment for 3650
- Attached to 62-in. utility vehicle bucket
- Overall width: 42.5 in.

**LANDPLANE**

Working in either forward or reverse, the landplane makes it easy to break up hard ground and level a surface.

- Non-PTO attachment for 3650
- Overall width: 62 in.
- Can be used like a bucket to transport material

**MOWER**

Change rough terrain to a smooth, clean-cut landscape. Blades travel at 18,770 feet per minute.

- Front-mounted PTO attachment for 3650
- Cutting width: 66 in.
- Cutting height range: 2 to 4.5 in.

**PALLET FORK**

Move pallets and materials quickly and easily. The 36-inch tines can be manually positioned to fit the pallet and materials.

- Non-PTO attachment for 3650
- Overall width: 38 in.
- Lift capacity: 450 lb.

**SNOW BLADE**

Clear snow in winter or do light grading in warmer months. Hydraulically angles 30 degrees left or right.

- 69-in.-wide attachment for 3650 (orange)
- Torsion spring trip moldboard minimizes impact damage
- 72-in.-wide snow plow kit available for 3600 (not shown)

**SNOW V-BLADE**

Easily pushes piles of snow, plows through deep drifts and delivers impressive snow removal power.

- Non-PTO attachment for 3650
- Five blade configurations (V-blade, scoop, straight or angled, left and right)
- Overall width: 67.8 in.

**SNOWBLOWER**

Throw and blow snow to clear a clean path. A large, 12-inch-diameter auger provides generous capacity for deep snow removal.

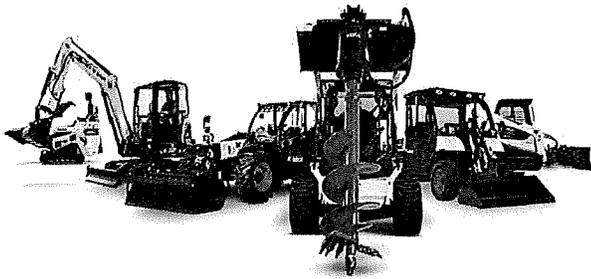
- Front-mounted PTO attachment for 3650
- Cutting width: 62 in.
- Cutting height: 21 in.

**SPREADER**

Quickly and evenly spread sand and salt for winter maintenance.

- Fits into the cargo box of utility vehicles
- Adjustable spreading pattern of 5 to 38 ft.
- Control the speed of the auger and spinner from inside the cab





## TRAIN NOW AND MAKE SAFETY PART OF THE PICTURE.

Productivity and safety are always a top priority with equipment owners, especially when new operators are on the job. These step-by-step courses introduce operators to the basics of machine and attachment operation, as well as service and safety.

**ATTACHMENT TRAINING RESOURCES** for the backhoe, planer and forestry cutter attachments are available at your Bobcat dealer – or purchase online at [BOBCAT.COM/SAFETY](http://BOBCAT.COM/SAFETY)



**Bobcat.** For equipment, service and training information, visit [Bobcat.com](http://Bobcat.com) or your local dealer.



While it's true that any tire will take you from point A to point B (for a while), only genuine Bobcat® tires provide the absolute best durability and guaranteed performance with your Bobcat machine.

► For more on the benefits of Bobcat tires, and to view the new online parts catalog: [Bobcat.com/WSTires](http://Bobcat.com/WSTires)



*One Tough Animal*

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# R EVOLUTIONARY PERFORMANCE

**NEW BOBCAT R-SERIES LIFTS PERFORMANCE HIGHER.**

New R-Series compact excavators feature durable, smoother-riding tracks that also improve over-the-side capacity, digging ability and slewing performance. *R* you ready for the revolution?

▶ See performance features:

[Bobcat.com/NewR-Series](http://Bobcat.com/NewR-Series)

1.877.745.7813



**Bobcat**

*One Tough Animal*

# HAMILTON EQUIPMENT COMPANY

8801 HIGHWAY 6

LINCOLN, NEBRASKA 68507

(402) 464-6381 FAX: (402) 464-5989

[WWW.HAMILTONEQUIPMENTCO.COM](http://WWW.HAMILTONEQUIPMENTCO.COM)

April 26, 2019 (Revised)

City of Lincoln / Lancaster County

### Proposal for Compact Excavator & Buckets Annual Lease

Bobcat E50 Excavator

- Equipped as per page 2
- 250 hr. usage
- Same attributes apply as other machines bid in 19-088

Annual Lease Price E50 .....	<b>\$5,000.00</b>
Annual Lease Price PC34 Plate Compactor (Page 3).....	<b>\$1,750.00</b>
Annual Lease Price NB160 Breaker (Page 4).....	<b>\$2,250.00</b>

If you have any questions please give me a call.

Thank you,

Brian Motschenbacher  
Sales Manager



# Bobcat®

## Product Quotation

Quotation Number: NEW

Date: April 26, 2019

Ship to	Bobcat Dealer	Bill To
City of Lincoln / Lancaster County Sharon Mulder	Bobcat of Lincoln, Lincoln, NE 8801 HWY 6 LINCOLN NE 68507 Phone: (402) 464-6381 Fax: (402) 464-5989 ----- Contact: Brian Motschenbacher Phone: 402-464-6381 Fax: 402-464-5989 E Mail: brian@hamiltonequipmentco.com	

Description	Part No	Qty	Price Ea.	Total
<b>E50 T4 Bobcat Compact Excavator</b> 49.8 HP Tier 4 Auto Idle Auto-Shift Auxiliary Hydraulics, Selectable Flow with Boom Mounted Flush Face Quick Couplers Cab Forward Standard Display Canopy Includes: Cup Holder, Retractable Seat Belt, Suspension Seat with High Back Roll Over Protective Structure (ROPS)- Meets Requirements of ISO 12117-2: 2008 Tip Over Protective Structure (TOPS) - Meets Requirements of ISO 12117: 2000 Control Console Locks Control Pattern Selector Valve (ISO/STD) Dozer Blade with Float	M3219	1		
	Engine/Hydraulic Monitor with Shutdown Fingertip Auxiliary Hydraulic Control Fingertip Boom Swing Control Horn Hydraulic Joystick Controls Rubber Track Two-Speed Travel (with Auto-Shift) Vandalism Protection Work Lights X-Change (Attachment Mounting System) Warranty: 2 years, or 2000 hours whichever occurs first			
<b>P63 Performance Package</b> Long Arm Clamp	M3219-P06-P63	1		
	Second Auxiliary Hydraulics Hydraulic X-Change			
<b>C42 Comfort Package</b> Enclosed Cab with HVAC Cloth Suspension Seat	M3219-P07-C42	1		
	Motion Travel Alarm Radio			
Telematics US	M3219-R51-C02	1		
<b>24" MX4 XCHG TEETH</b>	7311868	1		
<b>36" MX4 XCHG TEETH (Revised)</b>	7322088	1		
<b>Total of Items Quoted</b>				
Dealer P.D.I.				
Freight Charges				
Dealer Assembly Charges				
<b>Quote Total - US dollars</b>				<b>\$5,000.00</b>

Notes: Annual Lease Pricing is for 250 Hrs. of Usage

All prices subject to change without prior notice or obligation. This price quote supersedes all preceding price quotes.



# Bobcat®

## Product Quotation

Quotation Number: NEW

Date: April 26, 2019

<b>Ship to</b>	<b>Bobcat Dealer</b>	<b>Bill To</b>
City of Lincoln / Lancaster County	Bobcat of Lincoln, Lincoln, NE 8801 HWY 6 LINCOLN NE 68507 Phone: (402) 464-6381 Fax: (402) 464-5989 ----- Contact: Brian Motschenbacher Phone: 402-464-6381 Fax: 402-464-5989 E Mail: brian@hamiltonequipmentco.com	

Description	Part No	Qty	Price Ea.	Total
PCF34 Plate Compactor (PCF34)	7211623	1		
--- X-Change Mounting Cap - HB680/NB140 and PCF34 plate compactor	7113656	1		
--- PC Hose Kit, Long Arm	7217834	1		
<b>Total of Items Quoted</b>				
Dealer P.D.I.				
Freight Charges				
Dealer Assembly Charges				
Quote Total - US dollars				<b>\$1,750.00</b>

Notes:

All prices subject to change without prior notice or obligation. This price quote supersedes all preceding price quotes.

Customer Acceptance:

Purchase Order: \_\_\_\_\_

Authorized Signature:

Print: \_\_\_\_\_ Sign: \_\_\_\_\_ Date: \_\_\_\_\_



# Bobcat®

## Product Quotation

Quotation Number: NEW

Date: April 25, 2019

<b>Ship to</b>	<b>Bobcat Dealer</b>	<b>Bill To</b>
City of Lincoln / Lancaster County	Bobcat of Lincoln, Lincoln, NE 8801 HWY 6 LINCOLN NE 68507 Phone: (402) 464-6381 Fax: (402) 464-5989 ----- Contact: Brian Motschenbacher Phone: 402-464-6381 Fax: 402-464-5989 E Mail: brian@hamiltonequipmentco.com	

Description	Part No	Qty	Price Ea.	Total
NB160 Nitrogen Breaker with Nail Point	7234536	1		
--- Hose Kit - HB980/HB1180 (Long Arm)	6728967	1		
--- X-Change Mounting Cap - HB880/HB980/NB150/NB160 and PCF64 plate compactor	7113657	1		
Total of Items Quoted				
Dealer P.D.I.				
Freight Charges				
Dealer Assembly Charges				
Quote Total - US dollars				<b>\$2,250.00</b>

Notes:

All prices subject to change without prior notice or obligation. This price quote supersedes all preceding price quotes.

**Customer Acceptance:**

Purchase Order: \_\_\_\_\_

**Authorized Signature:**

**Print:** \_\_\_\_\_ **Sign:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**ADDENDUM #1**  
**Issue Date:**  
**3/12/2019**  
**Bid No. 19-088**  
**ANNUAL SKID STEER LOADER RENTALS**

Addenda are instruments issued by the Purchasing Department prior to the date for receipt of offers which will modify or interpret the specification document by addition, deletion, clarification or correction. Please acknowledge receipt of this addendum in the space provided in the Attribute Section.

**QUESTIONS**

Please find below questions on the above referenced project:

1. Are you looking for a wheeled or track machine?
  - a. Both, some are rubber-tired machines and a couple are tracked.
2. What size of machine?
  - a. Listed in the bid line items.
3. High flow or non-high flow?
  - a. The 332G for Package 1 and the 324E and 325G for Package 4.
4. Pilot controls or hands a foot?
  - a. Joysticks on all.
5. Cab (heat & A/C) (heat only) or non-cab?
  - a. Listed in the specifications.
6. Smooth bucket or tooth?
  - a. Listed in the bid line items.
7. Equipped with safety beacon?
  - a. No.
8. Equipped with GPS?
  - a. No.
9. Equipped with mirrors?
  - a. Yes and back-up camera's.
10. Fire extinguisher?
  - a. The individual departments take care of this.

11. For the attachments do you know what they are looking for?
- a. They are listed on the bid line items.

**END OF ADDENDUM NO. 1**

All other terms, conditions and requirements of the request remain the same as originally indicated in the document or as modified on previous addenda.

Sharon Mulder,  
Asst. Purchasing Agent

**ADDENDUM #2**  
**Issue Date:**  
**3/19/2019**  
**Bid No. 19-088**  
**Annual Skid Steer Loader Rentals**

Addenda are instruments issued by the Purchasing Department prior to the date for receipt of offers which will modify or interpret the specification document by addition, deletion, clarification or correction. Please acknowledge receipt of this addendum in the space provided in the Attribute Section.

**NOTE: BID IS EXTENDED TO FRIDAY, MARCH 29, 2019 AT 12:00PM.**

1. Further clarification to the specifications/line items will be added with Addendum 3.

**END OF ADDENDA NO. 2**

All other terms, conditions and requirements of the request remain the same as originally indicated in the document or as modified on previous addenda.

Rachelle Hinze,  
Buyer

**ADDENDUM #3**  
**Issue Date:**  
**3/21/2019**  
**Bid No. 19-088**  
**SKID STEER LOADERS – ANNUAL RENTALS**

Addenda are instruments issued by the Purchasing Department prior to the date for receipt of offers which will modify or interpret the specification document by addition, deletion, clarification or correction. Please acknowledge receipt of this addendum in the space provided in the Attribute Section.

**QUESTIONS**

1. 3.1 Do you want us to bid an equivalent machine for manufacturer model 323E or bid a machine equivalent to the specs listed? Model 323E specs are significantly higher than the minimum specs listed.

Please bid a Model 323E or an equivalent.

2. 4.1 Do you want us to bid an equivalent machine for manufacturer model 318E or bid a machine equivalent to the specs listed? Model 318E specs are lower than the minimum specs listed.

Please bid a Model 318E or an equivalent.

3. 3.1 Manufacture model@ given is a 323E which is a track machine. The section heading states "4-Wheel skid loader rental." Which machine do you want us to bid? A track machine or a wheeled machine.

This machine should be a track loader.

4. 1.1 Specifications asks for 5-cylinder engine in bid line number 1. The make and model example, Deere 332G only has 4-cylinders. Which one is being requested? A 5-cylinder engine listed in the spec or a 4-cylinder engine that is compatible with the model in the example.

Please bid Model 332G as a 5-cylinder or an equivalent.

5. 4.1 Specifications asks for minimum net power 71Hp. It also asks for gross Hp of 63.2. Gross Hp would need to be more than the net.

Please reference net power of 71 hp and gross of 74 hp.

6. 4.3 Can the high flow hydraulic system spec be stated in GPM? (Gallon per minute) This is the universally accepted measurement. Only Deere rates their hydraulic system both in GPM and horsepower.

The hydraulic pump flow shall be 21 gpm to high flow option of 29 gpm.

7. 4.5 Specs ask for net Hp of 701. Is this a typo? Manufacturer model# given is a 325G which is a track machine. The section heading states "4-Wheel skid loader rental". Which machine do you want us to bid? A track machine or a wheeled machine? Can the high flow hydraulic system spec be stated in GPM?

The correct net power hp is 70. This is for a track loader and not 4-wheel. The hydraulic pump flow shall be 19 gpm to high flow option of 27 gpm.

8. 5.1 Can the high flow hydraulic system spec be stated in GPM?

The hydraulic pump flow shall be from 21 gpm to 29 gpm.

9. The quantity for package 4 has been changed to one (1) for calculating.

**END OF ADDENDUM NO. 3**

All other terms, conditions and requirements of the request remain the same as originally indicated in the document or as modified on previous addenda.

Sharon Mulder,  
Asst. Purchasing Agent

**SPECIAL PROVISIONS  
FOR  
TERM CONTRACTS**

**PURCHASING DEPARTMENT  
CITY OF LINCOLN/LANCASTER COUNTY, NEBRASKA**

**1. ESTIMATED QUANTITIES**

- 1.1 The quantities set forth in the line items and specification document are approximate and represent the estimated requirements for the contract period.
- 1.2 Items listed may or may not be an inclusive requirements for this category.
- 1.3 Category items not listed, but distributed by bidder are to be referred to as kindred items. Kindred items shall receive the same percentage of discount or pricing structure as items listed in the specification document.
- 1.4 The unit prices and the extended total prices shall be used as a basis for the evaluation of bids. The actual quantity of materials necessary may be more or less than the estimates listed in the specification document, but the City/County shall be neither obligated nor limited to any specified amount. If possible, the Owners will restrict increases/decreases to 20% of the estimated quantities listed in the specification document.

**2. CONTRACT PERIOD**

- 2.1 The material shall be delivered as ordered during the contract period, beginning from the date of contract execution and ending as indicated in the specifications or in the Attribute Section of the bid.
- 2.2 Bidder must indicate in the Bid, if extension renewals are an option.
- 2.3 By mutual consent of both parties it is understood and agreed that the contract may be renewed at the same prices and/or under the same conditions governing the original contract.

**3. BID PRICES**

- 3.1 Bidders must state in the Attribute Section if the bid prices will remain firm for the full contract period; or if the bid prices will be subject to escalation/de-escalation.
- 3.2 Escalation/De-escalation Clause: In the event that prevailing market conditions warrant an adjustment in bid prices contained in the contract, the following escalation/de-escalation clause shall be the only clause applicable or acceptable:
  1. Contractor shall give written notice to the Purchasing Agent of any proposed changes from contract prices not less than thirty (30) calendar days prior to the effective date of said price changes.
  2. Such notice must be accompanied by a certified copy of the supplier's advisory or notification to the contractor of price changes.
  3. No price escalation will be authorized in excess of the amount of the increase referred to on the supplier's notice.
  4. Purchasing shall issue a contract Addendum with revised pricing upon receipt and approval. The Addendum will be executed by both parties for the remaining term of the contract.
  5. The approved price change shall be honored for all orders received by the contractor after the effective date of such price change.
  6. Approved price changes are not applicable to orders already issued and in process at time of price change.

7. Purchasing reserves the right to audit and/or examine any pertinent books, documents, papers, records or invoices relating directly to the contract transaction in question after reasonable notice and during normal business hours.

8. The Purchasing Agent retains the right to determine whether or not such proposed price changes are in the best interests of the City/County.

9. If in the opinion of the Purchasing Agent any proposed increase is found unacceptable, the Purchasing Agent reserves the right to cancel the contract upon thirty (30) calendar days written notice.

10. Contractors must tie any price change clause to an industry-wide or otherwise nationally recognized index, or some other form of verifiable document. Contractor will put the Purchasing Agent on the mailing lists for such publication so that the Purchasing Agent can monitor said changes. Such membership will be no cost to the Owners.

**4. CONTRACT ADMINISTRATION**

- 4.1 The Purchasing Division will issue a Contract to all successful bidders. Such contract will incorporate the specifications and all other forms used during the bid process.
- 4.2 Orders for materials will be made as needed by the various Agencies following execution by all parties.
- 4.3 Contractor may be asked to assist the Purchasing Agent with the development of a list of repetitively purchased commodities, to periodically update such list, and to assist in the development of a list of suitable substitutions.
- 4.4 Contractor shall provide technical advice upon request, and assist in the evaluation of new products.
- 4.5 Contractor shall monitor orders to ensure the highest possible fill rate and minimize back-orders.

**5. QUARTERLY REPORT**

- 5.1 Upon request, the contractor shall provide to the Purchasing Agent a quarterly report, showing all purchases made under the terms and conditions of the contract.
- 5.2 Such quarterly report shall itemize the following information:
  1. Each ordering department.
  2. Items and quantities purchased by department.
  3. Total dollar amount of purchases by department.

## ANNUAL SKID STEER LOADER RENTALS

### 1. GENERAL NOTICE

- 1.1 The City of Lincoln and Lancaster County referred to as Owners, are requesting bids from qualified companies, hereinafter referred to as Vendor(s) for supplying rentals of Skid Steer Loaders for various departments.
- 1.2 Department requests are broke down per package line items in the bid lines.
  - 1.2.1 Skid loaders shall be delivered and picked-up by awarded vendor for each of the departments.
- 1.3 Contract will be awarded to the lowest, responsible, responsive Vendor whose bid substantially meets all of the required specifications, duties, terms and conditions as defined in this request.
- 1.4 Vendor must submit their bid and all attachments via the City/County Ebid system.
  - 1.4.1 To submit a bid, Vendor must be registered with the City of Lincoln/Lancaster County Purchasing Dept.
  - 1.4.2 To register, go to the City of Lincoln website; lincoln.ne.gov type bid in search box  
click on "supplier registration"  
follow instructions to completion.
- 1.5 All general inquiries regarding these specifications or other bid documents shall be directed via e-mail request to Sharon Mulder, Asst. Purchasing Agent ([smulder@lincoln.ne.gov](mailto:smulder@lincoln.ne.gov)).
  - 1.5.1 These inquiries and/or responses shall be distributed to prospective Vendors as an electronic addenda.
  - 1.5.2 All inquiries must be submitted to the Purchasing Office 5 calendar days prior to the bid close.
  - 1.5.3 Vendors are not allowed to discuss this bid with any Owner employee, Engineer/Architect or elected official other than the City/County Purchasing Staff through the award process.
    - 1.5.3.1 Failure to follow this requirement may result in immediate disqualification of your bid.
- 1.6 Please provide manufacturer/brand bidding in the line item Attribute Section.
- 1.7 The term of the contract is for one (1) year with the option to renew for three (3) additional one (1) year terms upon date of contract execution.
- 1.8 The departments within the City and County requesting the skid steer loaders and their contacts are as follows:
  - 1.8.1 Transportation and Utilities, Solid Waste Operations, contact is Kara Welding
    - 1.8.1.1 One (1) skid steer loader
  - 1.8.2 Transportation and Utilities, Water, contact is Rick Roberts
    - 1.8.2.1 One (1) skid steer loader
  - 1.8.3 Transportation and Utilities, Fleet Services, contact is Bill Fleisher
    - 1.8.3.1 S i x (6) skid steer loaders
  - 1.8.4 Parks and Recreation, contact is Steve Nosal
    - 1.8.4.1 One (1) skid steer loader
  - 1.8.5 Lancaster County Corrections, contact is Dave Scharf
    - 1.8.5.1 One (1) skid steer loader
- 1.9 Requests are not limited to these departments only.

**2. GENERAL INFORMATION**

- 2.1 Skid Steers and attachments shall be new or nearly new in satisfactory operating condition.
- 2.2 One (1) year lease period with maximum hours of use being 250 hrs. per unit as recorded by the engine hour meter.
- 2.3 Vendor will provide additional cost per hour for units which exceed the maximum hour limit stated.
- 2.4 Skid Steer will be replaced with a new or nearly new machine at each annual renewal if requested by department.
- 2.5 Attachments will be retained at each annual renewal if mutually determined by the city and the contractor to be in satisfactory operating condition.
  - 2.5.1 Bid will include an annual "Early Return" penalty for attachments if the Owners do not execute the available extensions.
- 2.6 Tires/tracks will be switched by the vendor to new machine at the time of annual renewal with the city paying the prorated cost of tire/tracks wear at the end of the contract term if department is requesting new machine.
- 2.7 In the event repairs are required which are not as a result of misuse or lack of daily maintenance by the city the vendor has at their option to either provide a loaner piece of equipment or deduct the lease payment on a loss time percentage basis, for the time such equipment is out of service. (Calculation Basis: "annual lease cost" ÷ 250 = "cost per lost working hour").
  - 2.7.1 Working hours: 8:00 am to 4:30 pm Monday through Friday, excluding city holidays.
- 2.8 Normal wear service and repairs will be the responsibility of the vendor.
- 2.9 Daily maintenance, add oils/fluids, tires, tire repair, tracks, track repair, fuel, ground engaging components, damage due to misuse or lack of daily service or failure to provide the equipment to the vendor on designated normal wear services schedules will be the responsibility of the Owners.
- 2.10 The vendor will provide operation/daily maintenance training and service schedules at the time of delivery.
  - 2.10.1 Fleet Services Garage, 901 West Bond, Lincoln, NE.
  - 2.10.2 Solid Waste Operations, 6001 Bluff Road, Lincoln, NE.
  - 2.10.3 Parks and Recreation, 1525 Memorial Drive, Lincoln, NE.
  - 2.10.4 Lancaster County, 3801 West "O" Street, Lincoln, NE
  - 2.10.5 Lincoln Water System, 401 Highway 6, Ashland, NE.
- 2.11 Skid Steers must be capable of powering and controlling all attachments identified in each specific package.
- 2.12 Skid Steers must be compatible with BobTach coupler and capable of controlling existing Bobcat 6 pin attachments (with wiring modifications performed by the County as required).
- 2.13 Transportation following delivery will be the responsibility of the city within a 25-mile radius of the following locations/departments within the City of Lincoln and Lancaster County:
  - 2.13.1 A 24 or 48-hour advance notice from the awarded vendor is required prior to delivery.
  - 2.13.2 For the pick-up of skid steer loaders by the Vendor, at least a 48-hour

notice shall be given.

- 2.14 All advertised standard equipment will be provided on Skid Steers and attachments whether or not specifically addressed.
- 2.15 All Skid Steers must be Tier 4 Final.
- 2.16 The quantity of skid steers and associated attachments to be leased are estimates and not to be considered exact quantities.

3. **EVALUATION CRITERIA**

- 3.1 Bid will be awarded in accordance with Section 13.

**Bid Evaluation and Award** the "Instructions to Bidders" attachment in the e-bid and also with consideration given to the following criteria:

- 3.1.1 Price indicated in the e-bid line items.
- 3.1.2 Meets the department requirements.

**INSTRUCTIONS TO BIDDERS**  
**City of Lincoln, Nebraska, County of Lancaster**  
E-Bid

**1. BIDDING PROCEDURE**

- 1.1 Sealed bid, formal and informal, subject to Instructions and General Conditions and any special conditions set forth herein, will be received in the office of the Purchasing Division, 440 So. 8<sup>th</sup> St., Lincoln, NE 68508, until the bid closing date and time indicated for furnishing the City of Lincoln and Lancaster County, hereafter referred to as "Owners" the materials, supplies, equipment or services shown in the electronic bid request.
- 1.2 Bidders shall use the electronic bid system for submitting bids and must complete all required fields. If you do not care to bid, please respond to the bid request and note your reason.
- 1.3 Identify the item you will furnish by brand or manufacturer's name and catalog numbers. Also furnish specifications and descriptive literature if not bidding the specific manufacturer or model as listed in the specifications.
- 1.4 Any person submitting a bid for a firm, corporation, or other organization must show evidence of his authority so to bind such firm, corporation, or organization.
- 1.5 Bids received after the time and date established for receiving bids will be rejected.
- 1.6 The Bidders and public are invited, but not required, to attend the formal opening of bids. At the opening, prices will be displayed electronically and/or read aloud to the public. The pricing is also available for immediate viewing on-line. No decisions related to an award of a contract or purchase order will be made at the opening.
- 1.7 If bidding on a construction contract, the City's Standard Specifications for Municipal Construction 2011 shall apply.
  - 1.7.1 Bidders may obtain this document from the City's Design Engineering Division of the Public Works & Utilities Department for a small fee.
  - 1.7.2 Said document can be reviewed at Design Engineering or the office of the Purchasing Division.
  - 1.7.3 Said document is available on the web site.  
<http://www.lincoln.ne.gov/city/pworks/engine/dconst/standard/stndspect/index.htm>

**2. BID SECURITY**

- 2.1 Bid security, as a guarantee of good faith, in the form of a certified check, cashier's check, or bidder's bond, may be required to be submitted with this bid document, as indicated on the bid.
  - 2.1.1 Bid security, if required, shall be in the amount specified on the bid. The bid security must be scanned and attached to the "Response Attachments" section of your response or it can be faxed to the Purchasing Office at 402-441-6513. The original bid security should then be sent or delivered to the office of the Purchasing Division, 440 S. 8<sup>th</sup> St., Ste. 200, Lincoln, NE 68508 to be received within three (3) days of bid closing.
  - 2.1.2 If bid security is not received in the Office of the Purchasing Division as stated above, the vendor may be determined to be non-responsive.
- 2.2 If alternates are submitted, only one bid security will be required, provided the bid security is based on the amount of the highest gross bid.
- 2.3 Such bid security will be returned to the unsuccessful Bidders when the award of bid is made.
- 2.4 Bid security will be returned to the successful Bidder(s) as follows:
  - 2.4.1 For single order bids with specified quantities: upon the delivery of all equipment or merchandise, and upon final acceptance by the Owners.
  - 2.4.2 For all other contracts: upon approval by the Owners of the executed contract and bonds.
- 2.5 Owners shall have the right to retain the bid security of Bidders to whom an award is being considered until either:
  - 2.5.1 A contract has been executed and bonds have been furnished.
  - 2.5.2 The specified time has elapsed so that the bids may be withdrawn.
  - 2.5.3 All bids have been rejected.
- 2.6 Bid security will be forfeited to the Owners as full liquidated damages, but not as a penalty, for any of the following reasons, as pertains to this specification document:
  - 2.6.1 If the Bidder fails or refuses to enter into a contract on forms provided by the Owners, and/or if the Bidder fails to provide sufficient bonds or insurance within the time period as established in this specification document.

**3. BIDDER'S REPRESENTATION**

- 3.1 Each Bidder by electronic signature and submitting a bid, represents that the Bidder has read and understands the specification documents, and the bid has been made in accordance therewith.
- 3.2 Each Bidder for services further represents that the Bidder has examined and is familiar with the local conditions under which the work is to be done and has correlated the observations with the requirements of the bid documents.

**4. CLARIFICATION OF SPECIFICATION DOCUMENTS**

- 4.1 Bidders shall promptly notify the Purchasing Agent of any ambiguity, inconsistency or error which they may discover upon examination of the specification documents.
- 4.2 Bidders desiring clarification or interpretation of the specification documents for formal bids shall make a written request which must reach the Purchasing Agent at least five (5) calendar days prior to the date and time for receipt of formal bids.
- 4.3 Changes made to the specification documents will be issued electronically. All vendors registered for that bid will be notified of the addendum. Subsequent Bidders will only receive the bid with the addendum included.
- 4.4 Oral interpretations or changes to the bidding documents made in any manner other than written form will not be binding on the Owners; and Bidders shall not rely upon such interpretations or changes.

**5. ADDENDA**

- 5.1 Addenda are instruments issued by the Owners prior to the date for receipt of bids which modify or interpret the specification document by addition, deletion, clarification or correction.
- 5.2 Addenda notification will be made available to all registered vendors immediately via e-mail for inspection on-line.
- 5.3 No formal bid addendums will be issued later than forty-eight (48) hours prior to the date and time for receipt of formal bids, except an addendum withdrawing the invitation to bid, or an addendum which includes postponement of the bid.

**6. INDEPENDENT PRICE DETERMINATION**

- 6.1 By signing and submitting this bid, the Bidder certifies that the prices in this bid have been arrived at independently, without consultation, communication or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other Bidder or with any competitor; unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the Bidder prior to bid opening directly or indirectly to any other Bidder or to any competitor; no attempt has been made, or will be made, by the Bidder to induce any person or firm to submit, or not to submit, a bid for the purpose of restricting competition.

**7. ANTI-LOBBYING PROVISION**

- 7.1 During the period between the bid advertisement date and the contract award, Bidders, including their agents and representatives, shall not lobby or promote their bid with any member of the City or County staff or officers except in the course of Owner sponsored inquiries, briefings, interviews, or presentations, unless requested by the Owners.

**8. BRAND NAMES**

- 8.1 Wherever in the specifications or bid that brand names, manufacturer, trade name, or catalog numbers are specified, it is for the purpose of establishing a grade or quality of material only; and the term "or equal" is deemed to follow.
- 8.2 It is the Bidder's responsibility to identify any alternate items offered in the bid, and prove to the satisfaction of the Owners that said item is equal to, or better than, the product specified.
- 8.3 Bids for alternate items shall be stated in the appropriate space on the e-bid form, or if the proposal form does not contain blanks for alternates, Bidder MUST attach to its bid document on Company letterhead a statement identifying the manufacturer and brand name of each proposed alternate, plus a complete description of the alternate items including illustrations, performance test data and any other information necessary for an evaluation.
- 8.4 The Bidder must indicate any variances by item number from the specification document no matter how slight.
- 8.5 If variations are not stated in the bid, it will be assumed that the item being bid fully complies with the Owners' bidding documents.

**9. DEMONSTRATIONS/SAMPLES**

- 9.1 Bidders shall demonstrate the exact item(s) proposed within seven (7) calendar days from receipt of such request from the Owners.
- 9.2 Such demonstration can be at the Owners delivery location or a surrounding community.
- 9.3 If items are small and malleable, the Bidder is proposing an alternate product, the Bidder shall supply a sample of the exact item. Samples will be returned at Bidder's expense after receipt by the Owners of acceptable goods. The Bidder must indicate how samples are to be returned.

**10. DELIVERY (Non-Construction)**

- 10.1 Each Bidder shall state on the bid the date upon which it can make delivery of all equipment or merchandise.
- 10.2 The Owners reserve the right to cancel orders, or any part thereof, without obligation, if delivery is not made within the time(s) specified on the bid.
- 10.3 All bids shall be based upon **inside** delivery of the equipment/ merchandise F.O.B. the Owners at the location specified by the Owners, with all transportation charges paid.
- 10.4 At the time of delivery, a designated Owner employee will sign the invoice/packing slip. The signature will only indicate that the order has been received and the items actually delivered agree with the delivery invoice. This signature does not indicate all items met specifications, were received in good condition and/or that there is not possible hidden damage or shortages.

**11. WARRANTIES, GUARANTEES AND MAINTENANCE**

- 11.1 Copies of the following documents, if requested, shall accompany the bid proposal for all items being bid::
- 11.1.1 Manufacturer's warranties and/or guarantees.
  - 11.1.2 Bidder's maintenance policies and associated costs.
- 11.2 As a minimum requirement of the Owners, the Bidder will guarantee in writing that any defective components discovered within a one (1) year period after the date of acceptance shall be replaced at no expense to the Owners. Replacement parts of defective components shall be shipped at no cost to the Owners. Shipping costs for defective parts required to be returned to the Bidder shall be paid by the Bidder.

**12. ACCEPTANCE OF MATERIAL**

- 12.1 All components used in the manufacture or construction of materials, supplies and equipment, and all finished materials, shall be new, the latest make/model, of the best quality, and the highest grade workmanship.
- 12.2 Material delivered under this proposal shall remain the property of the Bidder until:
- 12.2.1 A physical inspection and actual usage of the material is made and found to be acceptable to the Owners; and
  - 12.2.2 Material is determined to be in full compliance with the bidding documents and accepted proposal.
- 12.3 In the event the delivered material is found to be defective or does not conform to the specification documents and accepted proposal, the Owners reserves the right to cancel the order upon written notice to the Bidder and return materials to the Bidder at Bidder's expense.
- 12.4 Awarded Bidder shall be required to furnish title to the material, free and clear of all liens and encumbrances, issued in the name of the Owner, as required by the specification documents or purchase orders.
- 12.5 Awarded Bidder's advertising decals, stickers or other signs shall not be affixed to equipment. Vehicle mud flaps shall be installed blank side out with no advertisements. Manufacturer's standard production forgings, stampings, nameplates and logos are acceptable.

**13. BID EVALUATION AND AWARD**

- 13.1 The electronic signature shall be considered an offer on the part of the Bidder. Such offer shall be deemed accepted upon issuance by the Owners of purchase orders, contract award notifications, or other contract documents appropriate to the work.
- 13.2 No bid shall be modified or withdrawn for a period of ninety (90) calendar days after the time and date established for receiving bids, and each Bidder so agrees in submitting the bid.
- 13.3 In case of a discrepancy between the unit prices and their extensions, the unit prices shall govern.
- 13.4 The bid will be awarded to the lowest responsible, responsive Bidder whose bid will be most advantageous to the Owners, and as the Owners deem will best serve the requirements and interests of the Owners.
- 13.5 The Owners reserves the right to accept or reject any or all bids; to request rebids; to award bids item-by-item, with or without alternates, by groups, or "lump sum"; to waive minor irregularities in bids; such as shall best serve the requirements and interests of the Owners.
- 13.6 In order to determine if the Bidder has the experience, qualifications, resources and necessary attributes to provide the quality workmanship, materials and management required by the plans and specifications, the Bidder may be required to complete and submit additional information as deemed necessary by the Owners. Failure to provide the information requested to make this determination may be grounds for a declaration of non-responsive with respect to the Bidder.
- 13.7 The Owners reserves the right to reject irregular bids that contain unauthorized additions, conditions, alternate bids, or irregularities that make the Bid Proposal incomplete, indefinite or ambiguous.
- 13.8 Any governmental agency may piggyback on any contract entered into from this bid.

**14. INDEMNIFICATION**

- 14.1 The Bidder shall indemnify and hold harmless the Owners from and against all losses, claims, damages, and expenses, including, attorney's fees arising out of or resulting from the performance of the contract that results in bodily injury, sickness, disease, death, or to injury to or destruction of tangible property, including the loss of use resulting therefrom and is caused in whole or in part by the Bidder, any subcontractor, any directly or indirectly employed by any of them or anyone for whose acts any of them may be liable. This section will not require the Bidder to indemnify or hold harmless the Owners for any losses, claims damages, and expenses arising out of or resulting from the sole negligence of the Owners.
- 14.2 In any and all claims against the Owners or any of its members, officers or employees by an employee of the Bidder, any subcontractor, anyone directly or indirectly employed by any of them or by anyone for whose acts made by any of them may be liable, the indemnification obligation under paragraph 14.1 shall not be limited in any way by any limitation of the amount or type of damages, compensation or benefits payable by or for the Bidder or any subcontractor under worker's compensation acts, disability benefit acts or other employee benefit acts.

**15. TERMS OF PAYMENT**

- 15.1 Unless stated otherwise, the Owners will begin processing payment within thirty (30) calendar days after all labor has been performed and all equipment or other merchandise has been delivered, and all such labor and equipment and other materials have met all contract specifications.

**16. LAWS**

- 16.1 The laws of the State of Nebraska shall govern the rights, obligations, and remedies of the parties under this proposal and any contract reached as a result of this process.
- 16.2 Bidder agrees to abide by all applicable local, state and federal laws and regulations concerning the handling and disclosure of private and confidential information concerning individuals and corporations as to inventions, copyrights, patents and patent rights.

**17. EQUIPMENT TAX ASSESSMENT**

- 17.1 Any bid for public improvement shall comply with Nebraska Revised Statutes Section 77-1323 and 77-1324. Indicating; every person, partnership, limited liability company, association or corporation furnishing labor or material in the repair, alteration, improvement, erection, or construction of any public improvement shall sign a certified statement which will accompany the contract. The certified statement shall state that all equipment to be used on the project, except that acquired since the assessment date, has been assessed for taxation for the current year, giving the county where assessed.

**18. AFFIRMATIVE ACTION**

- 18.1 The City of Lincoln-Lancaster County provides equal opportunity for all Bidders and encourages minority businesses, women's businesses and locally owned business enterprises to participate in our bidding process.

**19. INSURANCE**

- 19.1 All Bidders shall take special notice of the insurance provisions required for all City/County contracts (see *Insurance Requirements*).

**20. EXECUTION OF AGREEMENT**

- 20.1 Depending on the type of service or commodity provided, one of the following methods will be employed. The method applicable to this contract will be checked below:

- a. **PURCHASE ORDER**, unless otherwise noted.
1. The contract shall consist of a City of Lincoln and Lancaster County Purchase Order.
  2. A copy of the Bidder's bid response (or referenced bid number) attached and that the same, in all particulars, becomes the contract between the parties hereto: that both parties thereby accept and agree to the terms and conditions of said bid documents.
- b. **CONTRACT**, unless otherwise noted.
1. City and County will furnish copies of the Contract to the successful Bidder who shall prepare attachments as required. Insurance as evidenced by a Certificate of Insurance (as required), surety bonds properly executed (as required), and Contract signed with the dated.
  2. The prepared documents shall be returned to the Purchasing Office within 10 days (unless otherwise noted).
  3. The City and County will sign and date the Contract.
  4. Upon approval and signature, the City and County, will return one copy to the successful Bidder.

**21. TAXES AND TAX EXEMPTION CERTIFICATE**

- 21.1 The Owners are generally exempt from any taxes imposed by the state or federal government. A Tax Exemption Certificate will be provided as applicable.

**22. CITY AUDIT ADVISORY BOARD**

- 22.1 All parties of any City agreement shall be subject to audit pursuant to Chapter 4.66 of the Lincoln Municipal Code and shall make available to a contract auditor, as defined therein, copies of all financial and performance related records and materials germane to the contract/order, as allowed by law.
- 22.2 The Water Division of the City of Lincoln is taxable per Reg. 066.14A and no exemption certificate will be issued.

**23. E-VERIFY**

- 23.1 In accordance with Neb. Rev. Stat. 4-108 through 4-114, the contractor agrees to register with and use a federal immigration verification system, to determine the work eligibility status of new employees performing services within the state of Nebraska. A federal immigration verification system means the electronic verification of the work authorization program of the Illegal Immigration Reform and Immigrant Responsibility Act of 1996, 8 U.S.C. 1324 a, otherwise known as the E-Verify Program, or an equivalent federal program designated by the United States Department of Homeland Security or other federal agency authorized to verify the work eligibility status of a newly hired employee pursuant to the Immigration Reform and Control Act of 1986. The Contractor shall not discriminate against any employee or applicant for employment to be employed in the performance of this section pursuant to the requirements of state law and 8 U.S.C.A 1324b. The contractor shall require any subcontractor to comply with the provisions of this section. For information on the E-Verify Program, go to [www.uscis.gov/everify](http://www.uscis.gov/everify).

**Advertise 2 times  
Friday, March 8, 2019  
Friday, March 15, 2019**

**City of Lincoln/Lancaster County  
Purchasing Division  
NOTICE TO BIDDERS**

Sealed bids will be received by the Purchasing Agent of the City of Lincoln/Lancaster County, Nebraska BY ELECTRONIC BID PROCESS until: **12:00 pm, Friday, March 22, 2019** for providing the following:

**Skid Steer Loaders, Annual Rentals  
Bid No. 19-088**

Bidders must be registered on the City/County's E-Bid site in order to respond to the above Bid. To register go to: [lincoln.ne.gov](http://lincoln.ne.gov) (type: e-bid - in search box, then click "Supplier Registration").

Questions concerning this bid process may be directed to City/County Purchasing at: (402) 441-8103 or [purchasing@lincoln.ne.gov](mailto:purchasing@lincoln.ne.gov).