

Sharon R. Mulder

From: Jay D. Waegli
Sent: Tuesday, May 22, 2018 12:03 PM
To: Sharon R. Mulder
Cc: Ron L. Bohaty; Leroy T. Geistlinger; Christina M. Kling
Subject: Bid # 18-113 Addendum 1

AWARD RECOMMENDATION *(Single Vendor)*

Lancaster County Engineering Department has reviewed the bid responses for Bid # 18-113 Addendum 1 and made the following determination:

Murphy Tractor & Equipment is the lowest responsible, responsive Bidder meeting all requirements as outlined in the bid documents and Ebid, therefore Lancaster County Engineering Department recommends that the full proposal be awarded to Murphy Tractor & Equipment in the amount of \$49,665.94

***Murphy Tractor and Equipment was not the lowest responsive bidder on Bid #18-113 Addendum 1, but after reviewing the Life cycle analysis work sheets, and having to complete the Life Cycle form twice from one of the lowest bidders, also after making an Addendum to have multiple bidders give the published estimated fuel rate for the Life Cycle analysis, which was never given as a published number, and to make sure the published Estimated fuel rate for one machine was correct, due to being much higher than other bidders for the Life Cycle analysis. Lancaster County Engineering department recommends this piece of equipment (Wheel type skid loader) that the John Deere model offered from Murphy Tractor & Equipment has the lowest total life cycle cost of \$17.91 compared to the next lowest bidder of \$22.46, also the estimated fuel use rate was 3.10 gallons for the John Deere compared to 5.20 gallons from the next lowest bidder. Also had one bidder that did present a lower cost unit and lower total life cycle cost but did not fill out the Life Cycle analysis work sheet properly.

Jay Waegli
Equipment Mechanic's Supervisor
Lancaster County Engineering Dept.
444 Cherrycreek Rd
Lincoln, Ne 68528
402-441-6064-Direct Line
402-441-6321-Fax

Event Number	18-113 Addendum 1	Organization	Lincoln Purchasing
Event Title	Skid Steer Loader, 74hp for Lancaster County	Workgroup	Lincoln Purchasing
Event Description		Event Owner	Sharon Mulder
Event Type	Bid	Email	smulder@lincoln.ne.gov
Issue Date	4/20/2018 04:00:01 PM (CT)	Phone	(402) 441-7428 x
Close Date	5/4/2018 12:00:00 PM (CT)	Fax	(402) 441-6513 x

Responding Supplier	City	State	Response Submitted	Lines Responded	Response Total
KanEquip, Inc	Syracuse	NE	5/4/2018 10:53:18 AM (CT)	1	\$43,500.00
Hamilton Equipment Co	Lincoln	NE	5/3/2018 08:54:21 AM (CT)	1	\$43,995.00
MURPHY TRACTOR & EQUIPMENT	Lincoln	NE	5/3/2018 04:10:03 AM (CT)	1	\$49,665.94
NMC, Inc (Nebraska Machinery)	Lincoln	NE	5/4/2018 10:06:51 AM (CT)	1	\$56,495.00
TITAN MACHINERY INC	LINCOLN	NE	5/3/2018 10:03:48 AM (CT)	1	\$57,000.00

Please note: Lines Responded and Response Total only includes responses to specification. No alternate response data is included.

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

Bid Information	Contact Information	Ship to Information
Bid Creator Sharon Mulder Asst Purchasing Agent Email smulder@lincoln.ne.gov Phone (402) 441-7428 x Fax (402) 441-6513 x	Address Purchasing 440 S. 8th St. Lincoln, NE 68508 Contact Sharon Mulder Asst Purchasing Agent	Address Lancaster County Engineering 444 Cherrycreek Road, Bldg B Lincoln, NE 68528 Contact Department Building Floor/Room Telephone (402) 441-7428 x Fax (402) 441-6513 x Email smulder@lincoln.ne.gov
Bid Number 18-113 Addendum 1 Title Skid Steer Loader, 74hp for Lancaster County Engineering Bid Type Bid Issue Date 4/20/2018 04:00 PM (CT) Close Date 5/4/2018 12:00:00 PM (CT)	Department Building Suite 200 Floor/Room Telephone (402) 441-7428 x Fax (402) 441-6513 x Email smulder@lincoln.ne.gov	Floor/Room Telephone (402) 441-6321 x Fax Email purchasing@lincoln.ne.gov

Supplier Information

Company MURPHY TRACTOR & EQUIPMENT CO.INC.
Address 6100 Arbor Road

 Lincoln, NE 68517
Contact Tim Jindra
Department
Building
Floor/Room
Telephone (402) 467-1300
Fax (402) 467-1927
Email tjindra@murphytractor.com
Submitted 5/3/2018 04:10:02 AM (CT)
Total \$49,665.94

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

Signature Kirk Bender Email kbender@murphytractor.com

Supplier Notes

Deere machine is 87" from the ground to the top of the ROPS. Deere horn has only one note.

Pricing is through NJPA.
 Thanks for the opportunity to bid.

Bid Notes

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	Purchase Order, Contract and Delivery Contact	The City/County Purchasing Department issues Purchase Orders and Contracts via email to a designated contact person of the awarded Vendor. This designee will be the primary contact with the department through the delivery of the product/services. Please list the name, email address and phone number of the person who will be the contact person for the PO to be awarded.	Kirk Bender, kbender@murphytractor.com, 402-467-1300
4	Delivery	State number of delivery days ARO. FOB to the City/County at the location specified with all transportation charges paid.	90 days
5	Contact	Name of person submitting this bid:	Kirk Bender
6	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
7	Life-Cycle Costing	Please complete and attach both pages the Life-Cycle Costing sheets to the Vendor's Response Attachment Section of the E-bid.	Yes
8	Warranty	I acknowledge and understand that I have attached the equipment warranty information in the Vendor's Response Attachment Section of the E-bid.	Warranty includes 12 months Full Machine

9	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: http://www.sos.ne.gov/business/notary/citizenforminfo.html</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
10	Recycling of Corrugated Cardboard	<p>I acknowledge that I must comply with the City of Lincoln recycling regulations which includes a ban of all corrugated cardboard from the City Landfill effective April 1, 2018. Vendors are encouraged to utilize recycling sites located throughout the city of Lincoln to dispose of corrugated cardboard.</p>	Yes
11	Electronic Signature	<p>Please check here for your electronic signature.</p>	Yes
12	Agreement to Addendum No. 1	<p>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.</p>	Yes

Line Items

#	Qty	UOM	Description	Response
1	1	EA	2018 or 2019 Skid Steer Loader, Minimum of 74 Net HP	\$49,665.94

Manufacturer: Bobcat, Case Manufacturer #: S740 T4, SV300

Item Notes: Please attach a brochure to the Vendor's Response Attachment Section of the E-bid, which shall include the technical specifications.

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.	Deere 330G
2	Bucket Width	Does your bucket cover the entire width of the machine?	84" Width / Yes
3	CD Manual Format	What is the price of a Manual in CD Format?	\$275 for Operators / Parts / Repair
4	Electronic Manual Format	What is the price of a Manual in an Electronic Format?	\$210 for Operators / Parts / Repair

Alt 1	1	EA	Alt Spec: Skid Steer w/ additional options of: Reversing Fan, Deluxe Lighting, Air Suspension Cloth Seat w/ Heat, Rear View Camera, HD Grille, 14x17.5 HD 14Ply Tires	51,889.00
-------	---	----	--	-----------

Alt Manufacturer: Deere Alt Manufacturer #: 330G

Item Notes: Please attach a brochure to the Vendor's Response Attachment Section of the E-bid, which shall include the technical specifications.

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.	Deere, 330G
2	Bucket Width	Does your bucket cover the entire width of the machine?	84" Width, Yes
3	CD Manual Format	What is the price of a Manual in CD Format?	\$275 for Operators / Parts / Repair
4	Electronic Manual Format	What is the price of a Manual in an Electronic Format?	\$210 for Operators / Parts / Repair

Response Total: \$49,665.94

Vendor Fills In Highlighted Boxes ONLY		
Description		
Line#	County Engineering Data Use for Calculations	
1	Projected Number of Months in Service:	144
2	Projected Number of Hours of Operation per Month	40.0
3	Projected Total Number of Hours	5,760
4	Number of Maintenance Cycles Performed Per Year	2
5	Fuel Cost-per-Gallon	\$2.85
Net Cost		
6	Bid Price (Listed on ITB Line # 1)	\$ 49,665.94
Operating Costs		
Fuel		
9	Estimated Fuel Use Rate (Gallons Per Hour) "Rated RPM Full Load" or Highest Consumption Rate Tested and Documented Bidder shall supply manufacturers documentation prior to award.	3.10
10	Projected Number of Hours	5,760
11	Projected Total Gallons (Line 9 x Line 10)	17856
12	Fuel Cost-per-Gallon (LP gas) (Current eia-U.S. Energy Information Administration)	\$2.85
13	Total Estimated Fuel Cost (Line 11 x Line 12)	\$ 50,889.60
Estimated Maintenance Cost for Parts & Materials (Labor not included)		
14	Total Maintenance Cost (from Maintenance Cost Worksheet)	\$ 2,577.59
15	Total Operating Cost (Fuel + Maintenance) (Line 13 +Line 14)	\$ 53,467.19
16	Total Life-Cycle Cost (Net Cost, Line 8 +Total Operating Cost. Line 15)	\$ 103,133.13
17	(Total Life-Cycle Cost divided by Total Hours) (Line 16/Line 3)	\$ 17.91

Maintenance Cost Worksheet
For- Skid Steer 2018

Item #	Total Maintenance Costs- Indicate parts necessary to perform a complete change If the machine requires two air filters, you must price both Subject to add or delete items for consideration	Number of Maint. Procedures Performed During Life Cycle of Unit	Vendor Supplied Manufacturer's Suggested Retail Price for Parts	Total Cost
1	Fuel filter	12	\$ 35.35	\$ 424.20
2	hyd filter	6	\$ 50.93	\$ 305.58
3	Filter Cartridge		\$ -	\$ -
4	Engine oil filter	12	\$ 18.43	\$ 221.16
5	Fuel filter	12	\$ 28.69	\$ 344.28
6	Filter cartridge		\$ -	\$ -
7	Air filter- Primary	12	\$ 35.52	\$ 426.24
8	Air Filter- Secondary	2	\$ 20.76	\$ 41.52
9	hyd filter		\$ -	\$ -
10	Hyd breather	12	\$ 4.63	\$ 55.56
11	Filter hyd oil		\$ -	\$ -
12	Filter (not sure what type)		\$ -	\$ -
13	Filter (not sure what type)		\$ -	\$ -
14	Fuel Tank Breather	6	\$ 30.11	\$ 180.66
15	DEF Dosing Filter	2	\$ 100.81	\$ 201.62
16	DEF Suction	2	\$ -	\$ -
17	Gasket	1	\$ 63.64	\$ 63.64
18	DEF Breather	1	\$ 30.11	\$ 30.11
19	Cab Fresh Air Filter	12	\$ 15.44	\$ 185.28
20	Cab Recycle Air Filter	6	\$ 16.29	\$ 97.74
21			\$ -	\$ -
22			\$ -	\$ -
23			\$ -	\$ -
24			\$ -	\$ -
25			\$ -	\$ -
26			\$ -	\$ -
27			\$ -	\$ -
28			\$ -	\$ -
29			\$ -	\$ -
30			\$ -	\$ -
Total Life Cycle Maintenance Cost				\$ 2,577.59

G-SERIES SKID STEERS



JOHN DEERE

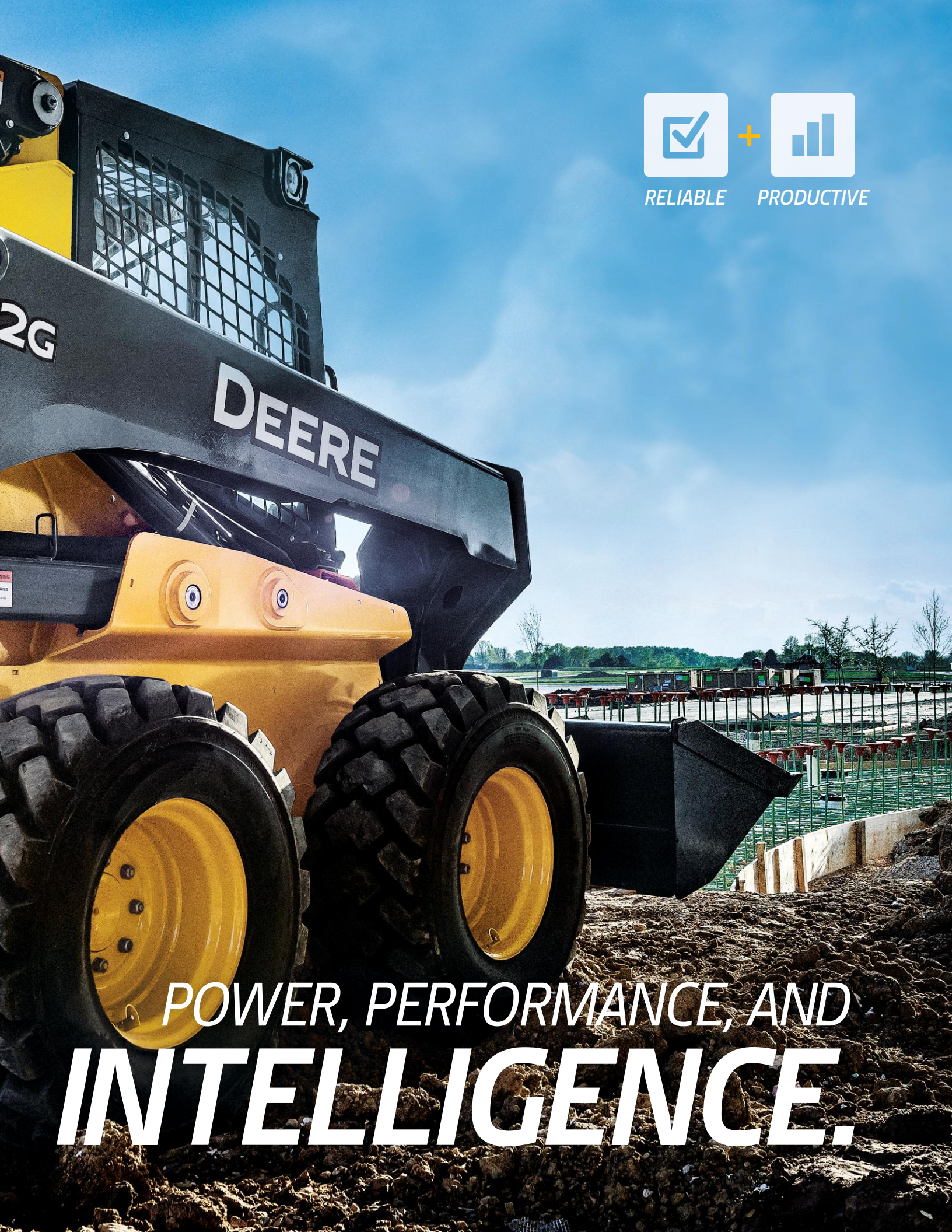
330G / 332G



WORK HARDER...AND SMARTER



INTRODUCING THE NEW
G-SERIES



RELIABLE



PRODUCTIVE

POWER, PERFORMANCE, AND
INTELLIGENCE.



YOUR INPUT IS OUR INSPIRATION.

You run 'em, so why wouldn't we pick your brain to learn what you need in a skid steer? As participants in our Customer Advocate Group, owners and operators like you helped point the way for the G-Series. Challenged and inspired by your thoughts and ideas, we went to work on these next-generation machines. With more power under their hoods and noticeably more lift height, dump clearance, and reach, our most competent skid steers are a big step up from our previous models.

GET YOUR SWAGGER ON

TAKING IT ALL IN STRIDE.

At 97 hp, the 332G has what it takes to walk the talk. Loaded with impressive specs and productivity-enhancing features, it tackles the toughest tasks and comes back for more. With increased power, the 89-hp 330G isn't exactly easy prey, either. Both deliver attention-grabbing performance and even more profit-building ability.

Unleash the beast

Superior pushing power and boom and bucket breakout forces deliver the tractive effort and leverage to carve out clay, handle heavy loads, and power through piles.

Hydraulic boost

Increased auxiliary hydraulic flow and power enable the 330G and 332G to make the most of an even broader range of attachments.

Machine intelligence

New productivity-boosting electrohydraulic (EH) options include return-to-dig, return-to-carry, attachment positioning, and boom-up/down self-leveling. Push-button activated through the sealed-switch module, these settings help an operator be more efficient.

Speed demons

Two-speed drivetrain is standard, delivering travel speeds up to 12 mph, for rapid work cycles.

Run longer

Fluid-efficient diesels and large-capacity tanks enable daylong operation. So you can get more done between fill-ups.

Generous FT4 power

Smooth-running turbocharged 3.1-L EPA Final Tier 4 (FT4)/EU Stage IV engines meet rigid emission standards while packing plenty of power and torque.



UP TO

12-MPH
TRAVEL SPEEDS



STANDOUT FEATURE



***DO MORE
WITH ONE.***



STAND TALL

EXTEND YOUR REACH.

You said you wanted a big skid steer with even bigger abilities. And we heard you. The 330G and 332G's redesigned vertical-lift loader design rises higher and reaches farther, for quicker, easier loading. Dishes out substantially greater boom and bucket breakout forces, too. In fact, these large frames have more horsepower than a small backhoe or crawler, so you accomplish more with just one skid steer. Plus they work more comfortably in tight quarters, and they're easy to trailer. Who says you can't have it all?

Dig in

Breakout force has been increased a whopping 40 percent over our previous models, to make lifting heavy loads easier. Helps heap the bucket and keep big loads coming, too. Add the new 90-in. bucket (available only for the 332G) and watch productivity take off.

Carry more, and get it there

Boom design keeps the load close to the machine for better stability. Low center of gravity, 35-deg. bucket rollback, and optional ride control and self-leveling also help keep buckets full and forks loaded.

Heavy lifter

Increased rated operating capacities of up to 3,600 lb. give these models the muscle you need to master heavy loads.

Load warrior

Height to hinge pin is 11 ft., enabling these machines to easily load tandem-axle dump trucks, feed mixers, and fill hoppers. You'll also appreciate six in. of additional truck-bed-height reach when handling pallets of pavers or other heavy materials.



40%
MORE BREAKOUT FORCE



AT HOME IN THE CAB

COMFORTABLE, VISIBLE, AND EFFICIENT OPERATION.

Easy-access entryway, tightly sealed swing-out door, and ample foot- and legroom simplify getting in, getting comfortable, and getting things done. Unobstructed sightlines to the bucket corners, the edge of the tires, and the jobsite ahead and behind instill close-quarters confidence and ability. And convenient, easy-to-operate controls maximize an operator's skills, for more productivity every day.

Heads-up operation

Overhead panel places machine info conveniently on the left, with control switches to the right. Easy-to-read LCD monitor provides a wealth of data and control — including vital operating conditions and advanced diagnostics.

Push-button convenience

Optional sealed-switch module (SSM) controls keyless start and anti-theft settings, plus fingertip activation of numerous machine functions including optional ride control and bucket-up self-leveling. SSM intelligently stores up to five different operator codes and sets of preferences, including boom/bucket and propel speeds, creep modes, and control patterns.

Your controls, your way

Add the industry-exclusive three-way switchable controls and electrohydraulic (EH) joystick performance package for even more operating flexibility. Push-button selectable through the SSM, this feature enables the following:

- Three-way switchable controls between EH foot, ISO joystick, or H-pattern joystick modes. Includes switchable accelerator/decelerator with right-side foot pedal when operating in ISO or H-pattern joystick-control mode.
- EH joystick performance package featuring selectable propel speeds, creeper mode, boom- and bucket-speed settings, and 12-volt three- and 14-pin attachment-control harness.



All-weather comfort

Add a comfortable heated suspension seat to the heated and air-conditioned pressurized cab to enhance productivity year-round.

Light it up

Courtesy lighting stays on after the machine is shut down and then automatically turns itself off, for safe cab exits in dark environments and longer battery life. Optional LED lighting package provides unsurpassed all-around illumination. It's a "must have" for after-dark tasks such as winter chores. Or whenever your day runs long.

See even more

Sightlines to the sides and below the boom to the ground and tires have been improved. Visibility gets even better when you add an optional rearview camera that displays the action behind on a monitor upfront.

Safety first

As with all Deere machines, personal-protection features abound. In-cab-activated boom lock and triple-interlock operator-presence system help keep harm's way away. Standard rearview mirror, horn, and backup alarm further enhance safety of bystanders.



DEERE

MORE THAN
TOUGH
ENOUGH.

BANK ON THIS

HEAVY-DUTY UPTIME.

Like the rest of the John Deere lineup, the G-Series is loaded with time- and money-saving features. Uptime advantages including rugged job-proven Yanmar engines, sealed electrical connectors, O-ring face-seal hydraulic fittings, and large coolers help keep downtime to a minimum. And a standard automatic-shutdown system prevents overheating or low fluid levels from ruining more than just your day. When you know how they're built, you'll run these Deere.



Heavy-duty drivetrains

Oil-bathed final-drive chains withstand the daily grind and almost never need adjustment.

Anti-leak fittings

O-ring face-seal hydraulic fittings virtually eliminate aggravating and costly oil leaks.

Brute strength

Large cross-section boom arms and heavy-duty upper links provide stamina and strength, for long-term endurance.

Give yourself a break

Spring-applied hydraulically released wet-disc park brake is maintenance free.

Sealed switches and connectors

Switches and electrical connectors are sealed from moisture and debris, to help resist corrosion.

Hydraulics in boom

Auxiliary hydraulic lines and wiring are routed through the boom where they're more protected.

Cool idea

Unique Tri-Cool design resists debris buildup and employs large coolers for standout performance in severe, high-load conditions. Add a reversible fan in high-debris applications for quick core cleanout.

GET CONNECTED

MULTIPURPOSE MULTITASKERS.

With over 100 models of available Worksite Pro™ attachments, your G-Series Skid Steer can be configured for a wide variety of work. Universal Quik-Tatch™ enables you to go from bucket, to forks, to whatever, in just seconds, to accomplish more with one machine. Generous standard and optional high-flow auxiliary hydraulics let you effortlessly run powered attachments such as planetary augers, hydraulic hammers, and trenchers.



100+
MODELS OF
WORKSITE PRO
ATTACHMENTS



Choice is good

Choose from rock, multipurpose, construction, utility, and tooth buckets in varying widths and capacities. Exclusive extreme-duty 90-in. tooth, serrated, or smooth-edge bucket helps you maximize every cycle.

Grab and go

Two hydraulic-actuated dual-action tongs on brush, scrap, and utility grapples enable superior retention of a wide variety of materials.

Snow business

Equipped with snow blower, snow pusher, utility blade, or angle broom, the 330G and 332G make quick work of cleaning up when winter heads your way.

Street-smarts

Perfect for concrete or asphalt flatwork, our angle brooms, cold planers, vibratory rollers, hydraulic hammers, and a wide range of buckets help you master roadwork.

Landscape tools

Landscape and nursery options include tree forks, rotary tillers, planetary augers, pallet forks, power rakes, landplanes, dozer blades, and roller levels, to name a few.

Extra help on the farm

For hauling hay, cleaning pens, rebedding stalls, or any number of other agricultural chores — we've got utility grapples, material/manure scrapers, forks, bale spears, and buckets to get it all done.



SET YOUR SITES ON
**GETTING
MORE DONE.**

LET US SWEAT THE DETAILS

MAINTENANCE SIMPLIFIED.

Up and away

Tilt up the hood for convenient ground-level access to dipsticks, fuel- and fluid-filler necks, and filters. Operator's station swings up and out of the way in less than five minutes for wide-open drivetrain access.

Cooler core cleanout

Hinged hood and easy-to-remove side shields yield wide-open access to coolers, simplifying trash removal and core cleanout. Exclusive fan option can be set to automatically reverse to clear core-clogging buildup.

Quick changes

Spin-on remote-mounted engine oil and fuel filters allow quick no-mess changes. Extended service intervals reduce downtime for scheduled maintenance, too.

Easy cab cleaning

If you run a rental yard or are just a neat freak, you'll appreciate the convenience of removing just two plates to flush out the footwells. Cab side windows also remove easily for cleaning.

Effortless service checks

Conveniently positioned dipsticks and filler necks feature color-coded handles and caps to simplify checks and additions. See-through reservoirs and sight gauges reveal at-a-glance fuel, hydraulic oil, and windshield washer fluid levels.



Keep downtime down with
ULTIMATE UPTIME

Ultimate Uptime, featuring John Deere WorkSight™, is a customizable support solution available exclusively from your Deere dealer. This flexible offering maximizes equipment availability with standard John Deere WorkSight capabilities that can help prevent future downtime and speed repairs when needed. In addition to the base John Deere WorkSight features, our dealers work with you to build an uptime package that meets the specific needs of your machine, fleet, project, and business, including customized maintenance and repair agreements, onsite parts availability, extended warranties, fluid sampling, response-time guarantees, and more.

Get valuable insight with
JOHN DEERE WORKSIGHT

John Deere WorkSight is an exclusive suite of telematics solutions that increases uptime while lowering operating costs. At its heart, JDLink™ Ultimate machine monitoring provides real-time utilization data and alerts to help you maximize productivity and efficiency while minimizing downtime. Remote diagnostics enable your dealer to read codes, record performance data, and even update software without a trip to the jobsite.





330G / 332G SPECIFICATIONS

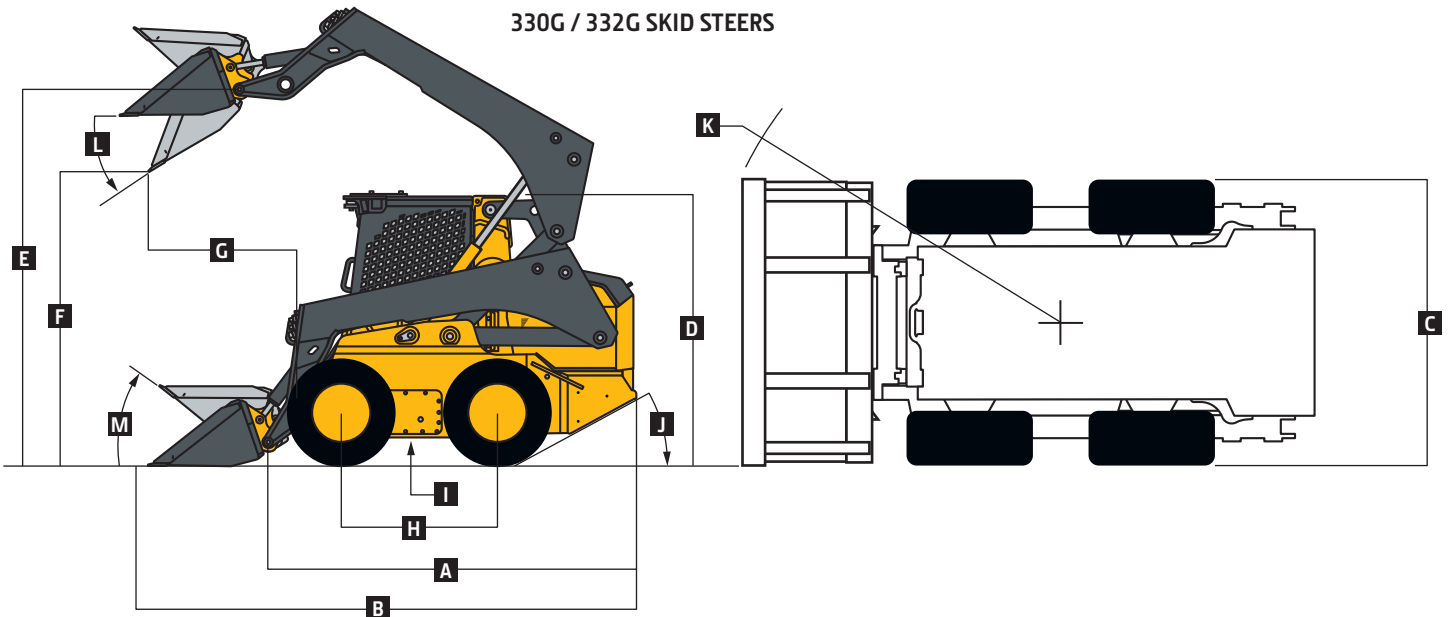
Engine	330G	332G
Manufacturer and Model	Yanmar 4TNV94FHT	Yanmar 4TNV94FHT
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV	EPA Final Tier 4/EU Stage IV
Cylinders	4	4
Net Peak Power (SAE J1349 / ISO 9249)	66.0 kW (88.5 hp) at 2,500 rpm	72.0 kW (96.6 hp) at 2,500 rpm
Gross Rated Power (ISO 14396)	68.0 kW (91.2 hp) at 2,500 rpm	74.6 kW (100 hp) at 2,500 rpm
Peak Torque	382 Nm (281.8 ft.-lb.) at 1,700 rpm	395 Nm (291.3 ft.-lb.) at 1,700 rpm
Displacement	3.1 L (186.3 cu. in.)	3.1 L (186.3 cu. in.)
Rated Engine Speed	2,500 rpm	2,500 rpm
Torque Rise	47% at 1,700 rpm	39% at 1,700 rpm
Aspiration	Turbocharged, intercooled	Turbocharged, intercooled
Air Cleaner	Dry dual element	Dry dual element
Cooling	330G / 332G	
Fan Type	Variable-speed hydraulic drive standard / reversing fan drive optional	
Powertrain	330G	332G
Type	Electrohydraulic (EH); 4 – 100 heavy-duty (HD) continuous-loop chain	
Travel Speeds		
Low	11.3 km/h (7 mph)	11.3 km/h (7 mph)
High	19.3 km/h (12 mph)	19.3 km/h (12 mph)
System High-Pressure Relief	34 474 kPa (5,000 psi)	34 474 kPa (5,000 psi)
Axles	Induction-hardened, one-piece forged axle shafts with maintenance-free oil-bath lubrication of inner and outer axle bearings	
Maximum Axle Torque	8480 Nm (6,235 lb.-ft.)	9289 Nm (6,830 lb.-ft.)
Tractive Effort	3905 kgf (8,610 lbf)	4218 kgf (9,300 lbf)
Final Drive	High-strength, adjustment-free chains	
Brakes	Integral, automatic, spring-applied, hydraulically released, wet-disc park brake	
Hydraulics		
Pump Flow		
Standard	80 L/m (23.5 gpm)	95 L/m (25.0 gpm)
Total with High-Flow Option	138 L/m (36.5 gpm)	156 L/m (41.1 gpm)
System Pressure at Couplers	23 787 kPa (3,450 psi)	23 787 kPa (3,450 psi)
Hydraulic Horsepower Flow (calculated)		
Standard	35 kW (47 hp)	38 kW (50 hp)
High Flow	55 kW (74 hp)	62 kW (83 hp)
Cylinders	330G / 332G	
Type	John Deere heat-treated, chrome-plated polished cylinder rods, hardened steel (replaceable bushings) pivot pins	
Electrical		
Voltage	12 volt	
Battery Capacity	925 CCA	
Alternator Rating	90 amp	
Lights	Halogen: 2 front and 1 rear standard / deluxe LED: 4 front and 1 rear optional	
Operator's Station	ROPS (ISO 3471) / FOPS (ISO 3449) structure with quick pivot standard	
Tires/Wheels	330G	332G
Standard Tire Size	14 x 17.5 12 PR Extra Wall	14 x 17.5 14 PR Hauler
Serviceability	330G / 332G	
Refill Capacity		
Fuel Tank	96.5 L (25.5 gal.)	
Operating Weight	330G	332G
Base Machine	4495 kg (9,900 lb.)	4540 kg (10,000 lb.)

330G / 332G SPECIFICATIONS



Machine Dimensions	330G	332G
A Length without Bucket	3.10 m (122.0 in.) (10 ft. 2 in.)	3.10 m (122.0 in.) (10 ft. 2 in.)
B Length		
With Foundry Bucket	3.71 m (146.0 in.) (12 ft. 2 in.)	3.71 m (146.0 in.) (12 ft. 2 in.)
With Heavy-Duty Construction Bucket	3.96 m (155.9 in.) (13 ft. 0 in.)	3.96 m (155.9 in.) (13 ft. 0 in.)
C Width without Bucket	1.98 m (78.0 in.) (6 ft. 6 in.)	1.99 m (78.4 in.) (6 ft. 6 in.)
D Height to Top of ROPS	2.19 m (86.3 in.) (7 ft. 2 in.)	2.19 m (86.3 in.) (7 ft. 2 in.)
E Height to Hinge Pin	3.35 m (132.0 in.) (11 ft. 0 in.)	3.35 m (132.0 in.) (11 ft. 0 in.)
F Dump Height		
With Foundry Bucket	2.69 m (106.1 in.) (8 ft. 10 in.)	2.68 m (105.6 in.) (8 ft. 10 in.)
With Heavy-Duty Construction Bucket	2.50 m (98.6 in.) (8 ft. 3 in.)	2.50 m (98.6 in.) (8 ft. 3 in.)
G Dump Reach		
With Foundry Bucket	0.71 m (28.0 in.)	0.71 m (28.0 in.)
With Construction Bucket (no edge)	0.88 m (34.6 in.)	0.88 m (34.6 in.)
H Wheelbase	1.27 m (49.9 in.) (4 ft. 2 in.)	1.27 m (49.9 in.) (4 ft. 2 in.)
I Ground Clearance	0.25 m (9.7 in.)	0.25 m (9.7 in.)
J Angle of Departure	29 deg.	29 deg.
K Front Turn Radius with Foundry Bucket	2.18 m (85.7 in.) (7 ft. 2 in.)	2.18 m (85.7 in.) (7 ft. 2 in.)
L Dump Angle (full lift height)	48 deg.	48 deg.
M Bucket Rollback (ground level)	35 deg.	35 deg.

330G / 332G SKID STEERS



Loader Performance	330G	332G
Tipping Load	2724 kg (6,000 lb.)	3269 kg (7,200 lb.)
SAE Rated Operating Capacity	1362 kg (3,000 lb.)	1633 kg (3,600 lb.)
With Optional Set of Counterweights	1430 kg (3,150 lb.)	1703 kg (3,750 lb.)
Breakout Force		
With Heavy-Duty Construction Bucket		
Boom	2,724 kg (6,000 lb.)	3519 kg (7,750 lb.)
Bucket	3,450 kg (7,600 lb.)	4200 kg (9,250 lb.)
With Foundry Bucket		
Boom	3175 kg (7,000 lb.)	3865 kg (8,520 lb.)
Bucket	4241 kg (9,350 lb.)	6307 kg (13,904 lb.)

Additional equipment

Key: ● Standard ▲ Optional or special See your John Deere dealer for further information.

330G	332G	Engine
●	●	Meets EPA Final Tier 4/EU Stage IV emissions
●	●	Yanmar 4TNV94FHT
●	●	Auto-idle
●	●	Automatic fan tensioner
●	●	Automatic preheat
●	●	Electronic injection system
▲	▲	Engine air precleaner kit
●	●	Fuel tank, 96.5 L (25.5 gal.)
●	●	John Deere COOL-GARD™ II Extended-Life Engine Coolant
●	●	John Deere Plus-50™ 10w30 initial engine oil fill*
●	●	4-cylinder 68.0-kW (91.2 hp) 3.1-L (186.3 cu. in.) displacement
●	●	4-cylinder 74.6-kW (100 hp) 3.1-L (186.3 cu. in.) displacement
●	●	5-micron primary fuel filter and water separator
▲	▲	Cold-weather starting package
Cooling System		
●	●	Coolant surge tank
●	●	Variable-speed hydraulically driven fan cooling system
▲	▲	Reversing fan drive
Powertrain		
●	●	High-strength adjustment-free final-drive chains
●	●	Automatic spring-applied hydraulically released wet-disc park brake
●	●	Wet-disc brakes
●	●	Transmission, 2 speed

330G	332G	Hydraulic System
●	●	John Deere hydraulic cylinders with cushioned boom cylinders
●	●	John Deere heat-treated, chrome-plated cylinder rods with replaceable bushings
●	●	Connect-under-pressure auxiliary couplers
●	●	Quick-check hydraulic fluid-level sight glass
●	●	1,000-hour, 5-micron hydraulic filter
▲	▲	High-flow hydraulics
●	●	Axial-piston hydrostatic pump
Electrical		
●	●	Automatic engine/hydraulic shutdown protection system
●	●	Auxiliary hydraulics operator-presence system
●	●	Courtesy lighting
●	●	Deluxe instrumentation EMU with: Operator-selectable monitoring – Hour meter, engine rpm, battery voltage, diagnostics, EMU configuration, engine coolant temperature, hydraulic oil temperature / LED warning indicators – Glow plug, seat switch, seat belt, door open, auxiliary hydraulics, park brake engaged, 2-speed engaged, stop, low engine oil pressure, engine coolant over-temperature, battery not charging, air filter restriction, and hydraulic filter restriction
▲	▲	Deluxe LED lighting package with additional cab-integrated side lights (2)
●	●	Front and rear halogen work lights
●	●	Triple-interlock operator-presence control system
●	●	Backup alarm
●	●	Battery, 925 CCA
▲	▲	Hazard warning lights
▲	▲	Strobe light, amber
▲	▲	Horn

*500-hour engine oil-change intervals when John Deere Plus-50 oil and John Deere oil filter are used.

Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan, at standard conditions per SAE J1349 and DIN 6270B, using No. 2-D fuel at 35 API gravity. Gross power is without cooling fan. Specifications and design subject to change without notice. Wherever applicable, specifications are in accordance with SAE standards. Except where otherwise noted, these specifications are based on units with standard equipment, full fuel tanks, and 79-kg (175-lb.) operator.

Additional equipment *(continued)*

Key: ● Standard ▲ Optional or special See your John Deere dealer for further information.

330G	332G	Operator's Station
●	●	Deluxe cab headliner
●	●	Electrohydraulic (EH) ISO-pattern joystick controls
▲	▲	EH 3-way switchable ISO-H-foot and hand controls including joystick performance package: Switchable accelerator/decelerator, selectable propel speeds, creeper mode, boom- and bucket-speed settings, and 12-volt 3- and 14-pin attachment-control harness
▲	▲	EH ISO-H switchable controls and joystick performance package: Switchable accelerator/decelerator, selectable propel speeds, creeper mode, boom- and bucket-speed settings, and 12-volt 3- and 14-pin attachment-control harness
▲	▲	Keyless-start sealed-switch module with integrated anti-theft system and operator memory preference settings
●	●	Electronic push-button auxiliary controls
●	●	Pull-down adjustable lap bar
●	●	Quick-pivot ROPS
●	●	Rear window
●	●	Removable top window
▲	▲	Sliding/locking/removable glass side windows
●	●	ROPS/FOPS operator structure
▲	▲	Glass cab enclosure
●	●	Seat belt, 51 mm (2 in.), retractable
▲	▲	Shoulder belt, 51 mm (2 in.) or 76 mm (3 in.)
▲	▲	Severe-duty cab door and wiper system
●	●	Water-shedding deluxe vinyl suspension seat
▲	▲	Deluxe vinyl suspension seat
▲	▲	Air-ride cloth, heated seat
▲	▲	Air-ride vinyl seat
●	●	12-volt power port / Dome light / Cargo storage / Beverage holder
▲	▲	Air conditioning with heater/defroster

330G	332G	Operator's Station <i>(continued)</i>
▲	▲	AM/FM/Weather-Band (WB) radio with auxiliary input and Bluetooth® for audio streaming
▲	▲	Floor mat with left footrest
●	●	Rearview mirror
▲	▲	Rearview camera
		Loader
●	●	In-cab boom lockout to secure loader before exiting seat
●	●	Patented John Deere Quik-Tatch™ (no grease required)
▲	▲	Power Quik-Tatch
●	●	Patented John Deere vertical-lift boom
▲	▲	Hydraulic self-leveling on/off
▲	▲	Hydraulic self-leveling on/off and ride control
		Other
●	●	Convenient front and rear tie-downs
●	●	Environmental drains for all fluid reservoirs
▲		12 x 16.5 8 PR SKS Extra Wall Heavy Duty
▲		12 x 16.5 10 PR Extra Wall
●	▲	14 x 17.5 12 PR Extra Wall
▲	●	14 x 17.5 14 PR Hauler
▲	▲	Battery disconnect
▲	▲	Chrome exhaust stack
▲	▲	Engine oil/hydraulic fluid-sampling kit
▲	▲	Forestry protection packages
▲	▲	Heavy-duty rear grille
▲	▲	Rear counterweights (available in sets of 1, 2, or 3), 78 kg (172 lb.) (each set)
▲	▲	Single-point lift kit
▲	▲	SMV sign kit
▲	▲	Spare tire and wheel
▲	▲	Tire options: SKS Extra-Wall, Galaxy Beefy Baby III, Galaxy Hulk, and Brawler Solid-Flex
▲	▲	JDLink™ Ultimate wireless communication system (available in specific countries; see your dealer for details)

Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan, at standard conditions per SAE J1349 and DIN 6270B, using No. 2-D fuel at 35 API gravity. Gross power is without cooling fan. Specifications and design subject to change without notice. Wherever applicable, specifications are in accordance with SAE standards. Except where otherwise noted, these specifications are based on units with standard equipment, full fuel tanks, and 79-kg (175-lb.) operator.

BUILDING TOGETHER.



REACHING NEW HEIGHTS.
TOGETHER.

YOUR OPINION MATTERS. It always has. So when you tell us what you want from your skid steers, we work hard to make your vision real. From their exceptional power and lift heights, to their extensive dump clearances and reach, John Deere G-Series large frames are designed using your ideas — and purpose-built to help your operation succeed.



JOHN DEERE

[JohnDeere.com/LiftLarge](https://www.johndeere.com/LiftLarge)



DKAGSSL Litho in U.S.A. (16-08)

CWP Extended Coverage



JOHN DEERE

JohnDeere.com

Building peace of mind

Every John Deere machine comes with a certain level of comfort. Sure, there's the comfortable seat and the ergonomically designed operator station, but that's not what we're talking about. This kind of comfort runs deeper. It's the peace of mind you get with your Standard and Extended Coverage warranties.



Standard warranty promises that we'll fix defects in materials or workmanship on Commercial Worksite Products (CWP) for the first 12 months after delivery at no charge.

But these days, many machine owners want even more protection. Extended Coverage is an excellent way to protect your cash flow.



Extended Coverage is an additional manufacturer-backed warranty program. Here are some reasons why it makes good business sense:

- It's backed by the John Deere Construction & Forestry Company — and honored by all John Deere CWP dealers.
- It goes where you go. A machine backed by Extended Coverage can be taken to any North American John Deere CWP dealer for service.
- There is no deductible during the Standard warranty and only a low \$200 deductible on non-powertrain repairs with full Extended Coverage.
- Extended Coverage can be transferred when you sell or trade your machine.*
- Financing is available through John Deere Finance programs.

**Some restrictions apply.*

Here's why it pays to extend your coverage

Extended Coverage provides additional protection that shields you from risk and stress. It's a valuable management tool because it gives you fixed costs for machine repairs over a given period of time.





Owner responsibility

All you have to do is perform scheduled maintenance, as outlined in the Operator's Manual and Extended Coverage warranty contract, and keep accurate maintenance records — something you do already.

Expanded range of coverage for new equipment

Extended Coverage lets you choose the coverage that fits your needs. Want full, powertrain plus hydraulics, powertrain, or just engine coverage? Need 2,000 hours of coverage, or would 3,000, 4,000, or 5,000 make more sense for the work you do? Or do you prefer your coverage in years? You decide.

Items not covered by Extended Coverage warranty:

- Ground-engaging tools such as cutting edges and bucket teeth.
- Hydraulic hoses, lines, and fittings.
- Maintenance items and consumables such as oil, filters, diesel exhaust fluid (DEF), and fuel.
- Hydraulic pressure checks and adjustments.
- Wear items such as tires and rubber tracks.*
- Miscellaneous items such as batteries, bulbs, and radios.*
- Hauling expenses, travel time, mileage, overtime, or second-shift premiums.
- Worksite Pro™ attachments.

**Batteries, tires, and radios come with a Direct Supplier warranty that covers failure due to defective material and workmanship.*



Choose one of these four options:

1) Engine Only; 2) Powertrain; 3) Powertrain Plus Hydraulics; 4) Full Machine. Coverage ends when date or hour limit expires, whichever occurs first.

(Items in brown indicate coverage added to preceding option.)

Engine-Only Coverage

ENGINE:

Engine and all components
Cylinder head and gasket
ECU
Electronic engine-speed-control system
Engine block
Engine oil cooler and aftercooler
Flywheel housing and gasket
Front and rear engine seals
Front damper
Hydraulic actuator
Injection nozzles
Injection pump and gasket
Manifolds and gaskets
Oil pan and gasket
Pressure/temperature sensors and sending units
Ring gear and flywheel
Rocker arm cover and gasket
Thermostats
Timing gear cover
Turbocharger and gaskets
Water pump and gasket

Powertrain Coverage

ENGINE:

Engine and all components
Cylinder head and gasket
ECU
Electronic engine-speed-control system
Engine block
Engine oil cooler and aftercooler
Flywheel housing and gasket
Front and rear engine seals
Front damper
Hydraulic actuator
Injection nozzles
Injection pump and gasket
Manifolds and gaskets
Oil pan and gasket
Pressure/temperature sensors and sending units
Ring gear and flywheel
Rocker arm cover and gasket
Thermostats
Timing gear cover
Turbocharger and gaskets
Water pump and gasket
Engine speed controls and linkages — excavators

(continued on next page)



Powertrain Coverage

(continued)

TRANSMISSION/DIFFERENTIAL:

Axle(s) and differential(s)
Clutch housing (except dry clutch disk)
Driveshaft with universal joints
Electronic and/or hydraulic control valves
Excavator rotary manifold
Final drive
Hydrostatic system components including: Propel motor, hydrostatic/hydraulic pump, and related control valves powering propel and/or swing function (not dig function)
Mechanical-front-wheel-drive differential/axle assembly with driveshaft, universal joint, and control
Pump and valve controller
Reverser with control valve
Splitter drive
Swing gearbox and bearings
Swing motor and brake
Torque converter
Transfer drive
Transmission

ELECTRICAL:

Sensors — rotary

BRAKES:

Wet service brakes
Wet steering brakes and clutches

Powertrain Plus Hydraulics Coverage

ENGINE:

Engine and all components
Cylinder head and gasket
ECU
Electronic engine-speed-control system
Engine block
Engine oil cooler and aftercooler
Engine speed controls and linkages — excavators
Flywheel housing and gasket
Front and rear engine seals
Front damper
Hydraulic actuator

Injection nozzles
Injection pump and gasket
Manifolds and gaskets
Oil pan and gasket
Pressure/temperature sensors and sending units
Ring gear and flywheel
Rocker arm cover and gasket
Thermostats
Timing gear cover
Turbocharger and gaskets
Water pump and gasket

TRANSMISSION/DIFFERENTIAL:

Axle(s) and differential(s)
Clutch housing (except dry clutch disk)
Driveshaft with universal joints
Electronic and/or hydraulic control valves
Excavator rotary manifold
Final drive
Hydrostatic system components including: Propel motor, hydrostatic/hydraulic pump, and related control valves powering propel and/or swing function (not dig function)
Mechanical-front-wheel-drive differential/axle assembly with driveshaft, universal joint, and control
Pump and valve controller
Reverser with control valve
Splitter drive
Swing gearbox and bearings
Swing motor and brake
Torque converter
Transfer drive
Transmission

Accumulator and related relief valves (transmission)

Hydraulic differential lock valve and associated parts

HYDRAULIC COMPONENTS:

Control and load-holding valves
Cylinder packing kits
Hydraulic cylinders
Hydraulic oil cooler
Hydraulic pumps, motors, and related control valves
Hydraulic reservoir
Locking pin cylinder
Pilot controls

ELECTRICAL:

Sensors — rotary

BRAKES:

Wet service brakes

Wet steering brakes and clutches

STEERING:

Crossover relief valve

Priority valve

Steering pump

Steering valves and cylinders

Full-Machine Coverage

ENGINE:

Engine and all components

Cylinder head and gasket

ECU

Electronic engine-speed-control system

Engine block

Engine oil cooler and aftercooler

Engine speed controls and linkages — excavators

Flywheel housing and gasket

Front and rear engine seals

Front damper

Hydraulic actuator

Injection nozzles

Injection pump and gasket

Manifolds and gaskets

Oil pan and gasket

Pressure/temperature sensors and sending units

Ring gear and flywheel

Rocker arm cover and gasket

Thermostats

Timing gear cover

Turbocharger and gaskets

Water pump and gasket

Engine mounts and supports

Engine oil lines

Engine-speed controls and linkages

Filter mount

Fuel lines

Fuel tank and associated parts

Fuel transfer pump and gasket

Oil filler tube

Pulleys

Radiator and hoses

Water piping

TRANSMISSION/DIFFERENTIAL:

Accumulator and related relief valves (transmission)

Axle(s) and differential(s)

Clutch housing (except dry clutch disk)

Driveshaft with universal joints

Electronic and/or hydraulic control valves

Excavator rotary manifold

Final drive

Hydraulic differential lock valve and associated parts

Hydrostatic system components including: Propel motor, hydrostatic/hydraulic pump, and related control valves powering propel and/or swing function (not dig function)

Mechanical-front-wheel-drive differential/axle assembly with driveshaft, universal joint, and control

Pump and valve controller

Reverser with control valve

Splitter drive

Swing gearbox and bearings

Swing motor and brake

Torque converter

Transfer drive

Transmission

Control rods

Differential lock valve and associated parts

External oil lines

Filler tubes (transmission)

Filter screens

Sending units and sensors

Shift-control linkage

Transmission oil cooler

HYDRAULIC COMPONENTS:

Control and load-holding valves

Cylinder packing kits

Hydraulic cylinders

Hydraulic oil cooler

Hydraulic pumps, motors, and related control valves

Hydraulic reservoir

Locking pin cylinder

Pilot controls

(continued on next page)

Full-Machine Coverage

(continued)

BRAKES:

Wet service brakes
Wet steering brakes and clutches
Brake accumulator
Brake pump
Brake valve
Pressure-reducing valve
Unloading valve

ELECTRICAL:

Sensors — rotary
Alternator
Gauges
Indicators
Instruments
Sensors
Starter
Starter drive
Starter solenoid
Switches
Voltage regulator
Wiper motors
Wiring harnesses

FACTORY-INSTALLED AIR CONDITIONING:

Accumulator
Clutch
Compressor
Condenser
Dryer
Evaporator
Expansion valve
Heater hose
Pulley

Seals and gaskets
Temperature-control programmer

OTHER:

Bucket linkages
Fan and fan drive
Undercarriage components — wear
undercarriage items not covered

STEERING:

Crossover relief valve
Priority valve
Steering pump
Steering valves and cylinders
Axles
Secondary steering system
components
Spindles and supports
Steering linkage
Tie rods and tie-rod ends

STRUCTURES:

Arm
Articulation joint (including pins
and bushings)
Boom
Dipperstick
Engine frame
Equipment frame
Loader arm
Loader frame
Mainframe
Rollover protection structure
Side frame
Swing frame
Track frame
X-frame
Z-bar

Factory-backed security

You've got enough day-to-day stress without worrying about unpredictable machine-repair expenses. That's why you owe it to yourself — and your bottom line — to find out about Extended Coverage warranty.

Extended Coverage warranty is factory backed and flexible enough to meet the needs of any business, agricultural operation, or government agency. Call your John Deere CWP dealer for all the facts today.

This brochure does not include all the information you need to know about the Extended Coverage warranties. For complete details, read a copy of the Extended Coverage warranty contract.

This literature has been compiled for worldwide circulation. While general information, pictures, and descriptions are provided, some illustrations and text may include finance, credit, insurance, product options, and accessories NOT AVAILABLE in all regions. PLEASE CONTACT YOUR LOCAL DEALER FOR DETAILS. John Deere reserves the right to change specification and design of all products described in this literature without notice.



JohnDeere.com