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524L / 544L / 624L

VERSATILITY MEETS CAPABILITY





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ELEVATE YOUR EXPECTATIONS.

Combining new front-end features that dramatically boost productivity with an all-new cab and controls, our 524L, 544L, and 624L Loaders redefine your expectations of what a utility loader can do. Enhancements over previous models include near-parallel lift, a more spacious cab, ergonomic controls, and new bucket and linkage designs. Plus a host of details that improve uptime, including reimagined electrical and hydraulic routing, for performance and reliability that can elevate your operation to a higher level.

NEW FRONT-END FEATURES AND MORE **MEET THE NEW FRONT-RUNNERS.**

L-Series Loaders lead the way with new production-boosting features up front, along with a host of other enhancements that help dramatically increase performance.

More performance up front

Boasting new bucket and linkage designs that improve load leveling, material retention, and visibility, these loaders deliver more productivity and performance than previous models.

Enhanced production buckets

A wide selection of enhanced production buckets with integrated spill guards, curved side cutters, and greater rollback delivers better bucketfill performance and material retention.

Redesigned cab

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New operator station is more spacious and comfortable, and features extra legroom, an improved HVAC system, additional storage, and a more adjustable seat. Or opt for a premium cab with a larger monitor and a heated and ventilated premium seat.

New EH controls

Seat-mounted right-hand joystick features two programmable multifunction buttons and new electrohydraulic (EH) controls that are more intuitive to operate compared to our K-Series controls.



GO ABOVE AND BEYOND LOAD MORE.

Boasting near-parallel lift along with new High-Lift Plus and Tool Carrier configurations, these versatile loaders put more productivity within reach.

Standard Z-Bar with parallel lift

Lift path on all Z-Bar linkages has been improved to near parallel for better load-leveling capability. This boosts productivity by minimizing load rollback, reducing material spillage, and requiring fewer manual adjustments.

New Tool Carrier configuration

Tool Carrier configuration on the 524L and 624L enables a clear view of the coupler and forks, making it easier to quickly move pipes, logs, and pallets.

Improved visibility to front tool

Cross-tube and boom geometry of the Z-Bar linkage has been streamlined to provide a better view to the front attachment.

New High-Lift Plus configuration

Need even more reach for dumping into higher feeders, hoppers, trucks, and wagons? New High-Lift Plus configuration provides an additional 24 in. in hinge-pin height over standard lift height and 12 in. over the High-Lift model. All three lift heights feature near-parallel lift.





TAKE PRODUCTIVITY TO NE VI HEIGHTS.

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TONS OF COMFORT TAKE A LOAD OFF.

With redesigned cab and controls, more storage and power ports, and a better HVAC system, L-Series Loaders make it easy to work harder with less effort.

Get in and get comfortable

All-new cab boasts three-in. more legroom than previous models. Joystick controls, foot pedals, and sealed-switch module are all ergonomically placed for optimal comfort and convenience. Additional 12-volt and USB power ports and mounting points keep all your devices charged up and within easy reach.

Stowaway storage

HVAC system has been relocated outside the cab to provide more storage area. There's plenty of space for a powered cooler, along with a handy 12-volt outlet. There's also a Thermos[®] holder with a Velcro[®] strap, plus a conveniently placed cupholder. There are even coat hooks.

Sit back and relax

Updated in stain-resistant cloth, the standard high-back air-ride seat is even more adjustable, for daylong comfort and support. Or choose the optional heated and ventilated premium seat (standard in the premium cab) with heavy-duty air suspension and adjustable seat pan for even more comfort.

Keep things cool

HVAC system is easier to maintain, with convenient filter and service locations. The brushless motor is more reliable and provides infinite fan speeds, quieter operation, and improved airflow. Blower vent behind the seat further improves airflow and defrosts the rear window. Premium cab features automatic temperature control (ATC).

See more, do more

Improved visibility to the work tool helps reduce spillage, cycle times, and tool-changeover time. It also helps minimize machine damage when working on crowded jobsites or up against walls.

Multi-language color LCD display

A large seven-in. in-cab display with easy-on-the-eyes clarity enables intuitive push-button access to key info. Opt for a rearview camera to display the activity behind the machine on the LCD screen. Add a dedicated seven-in. rearview display to see the action behind and still have access to vital machine data at all times.





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3-IN. MORE LEGROOM THAN K-SERIES CABS



MORE PRODUCTIVITY, HANDS DOWN GET IN TOUCH WITH YOUR PRODUCTIVE SIDE.

With redesigned joysticks and expanded, customizable electrohydraulic (EH) controls, maximum productivity is close at hand in an L-Series Loader.

Integrated joystick control

Operators can easily control up to six functions without removing their hand from the ergonomically designed joystick. A larger F-N-R button provides convenient direction and full-range gear changes. Two industryexclusive multifunction buttons can each be programmed to handle any of 10 functions selected through the monitor.

Single-axis controls

New low-effort, short-throw control includes two multifunction buttons on the bucket lever that can be programmed to handle any of 10 functions.





2 INDUSTRY-EXCLUSIVE MULTIFUNCTION JOYSTICK BUTTONS



Expanded EH functionality

Operators can easily enable the following EH functions using the multifunction buttons and adjust them through the monitor:

- Soft or hard hydraulic stops for both the boom and bucket can be enabled to prolong machine life or temporarily disabled when the application calls for it.
- Hydraulic-function flow can be used to customize flow for specific attachments without needing special plumbing or valves.
- Bucket vibrate creates a slight vibration when dumping loose materials into hoppers or feeders, or when sprinkling rock over pipe.
- EH Precision mode allows fine metering of the bucket and boom when precise movement is required, for example, laying pipe, moving heavy objects such as road barriers, or placing manholes.
- Attachment configuration allows settings such as hydraulic flow and responsiveness for up to 10 different attachments to be conveniently stored.

New SSM functionality

Sealed-switch module (SSM) has been repositioned under the monitor so it's in the operator's line of sight. Updated or new functions include:

- Return-to-dig now allows leveling of the bucket from both dump and curl positions, for quick and easy leveling.
- Constant-flow hydraulics allow the operator to continuously run attachments without having to hold a lever or roller at full stop.
- Throttle lock maintains a specified rpm so the operator can warm up a machine, run a continuous-flow attachment, or road the machine without having to hold the throttle pedal down.

TIGHTFISTED EASYGOING ABOUT EVERYTHING BUT THE BOTTOM LINE.

Reliable electrical and hydraulic systems

Routing for electrical wire harnesses and hydraulic hoses has been improved over the K-Series to reduce rubbing and eliminate leak points, boosting durability and reliability.

Same-side ground-level service

All daily service points including fuel are conveniently grouped on the left side of the machine for easy access.

Innovative Quad-Cool[™] system

Quad-Cool places the radiator, air-conditioner condenser, intercooler, and hydraulic, transmission, and axle coolers (standard on the 624L, optional on the 524L and 544L) in a unique boxed configuration that's isolated from engine heat, boosting efficiency and durability.

Diagnostic messaging

Easy-to-navigate LCD monitor displays diagnostic messages if problems occur and even offers possible solutions to help get you back up and running quickly.

Efficient cooling

Hydraulically driven fan runs only as needed for better cooling and fuel efficiency. Optional programmable fan automatically reverses at predetermined intervals to eject debris from the radiator and cooler cores. Or set individual cleaning cycles through the monitor.

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[™] 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 and record performance data without a trip to the jobsite.

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Keep downtime down with **JOHN DEERE ULTIMATE UPTIME**

John Deere 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.

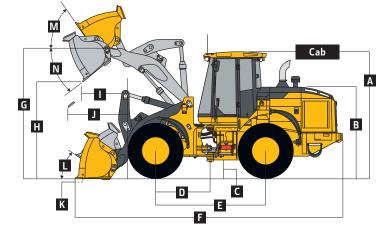


Engine	524L Z-BAR / HIGH-LIFT / HIGH-LIFT F	LUS / TOOL CARRIER	
Manufacturer and Model	John Deere PowerTech™ PVS 6068	Gross Peak Torque (ISO 9249)	713 Nm (526 ftlb.) at 1,400 rpm
Non-Road Emission Standard	EPA Final Tier 4/EU Stage V	Net Torque Rise	60%
Cylinders	6	Fuel System (electronically controlled)	High-pressure common rail
Valves Per Cylinder	4	Lubrication	Full-flow spin-on filter and integral coole
Displacement	6.8 L (414 cu. in.)	Aspiration	Turbocharged, charge air cooled
Net Peak Power (ISO 9249)	113 kW (152 hp) at 1,800 rpm	Air Cleaner	Under-hood, dual-element dry type,
Gross Peak Power (ISO 9249)	120 kW (161 hp) at 1,800 rpm		restriction indicator in cab monitor
Net Peak Torque (ISO 9249)	683 Nm (504 lbft.) at 1,100 rpm		for service
Cooling			
Fan Drive	Hydraulically driven, proportionally cont	rolled, fan aft of coolers	
Electrical			
Electrical System	24 volt with 100-amp alternator (option	al 130-amp alternator)	
Batteries (2 – 12 volt)	950 CCA (each)	1	
Transmission System			
Туре	Countershaft-type PowerShift [™]		
Torque Converter	Single stage, single phase		
Shift Control	Electronically modulated, adaptive, load	and speed dependent	
Operator Interface		N-R and gear-select lever; Quick-Shift but	tton on hydraulic lever
Shift Modes		hift button with 2 selectable modes: kick-	
	cutoff settings		
	Standard 5-Speed		
Maximum Travel Speeds	standard y speed		
(with 20.5 R 25 tires)	Forward	Reverse	
Range 1	5.6 km/h (3.5 mph)	5.9 km/h (3.6 mph)	
Range 2	11.0 km/h (6.8 mph)	11.6 km/h (7.2 mph)	
Range 3	17.0 km/h (10.6 mph)	27.0 km/h (16.8 mph)	
	25.6 km/h (15.9 mph)	N/A	
Range 4 Range 5	40.0 km/h (24.8 mph)	N/A	
	40.0 KIII/II (24.0 IIIpII)	N/A	
Axles/Brakes	Henry duty inheard mounted algorithm		
Axles/Brakes Final Drives	Heavy-duty inboard-mounted planetary		
Axles/Brakes Final Drives Differentials	Hydraulic locking front with convention	al rear — standard; dual locking front and	rear — optional
Axles/Brakes Final Drives Differentials Rear Axle Oscillation, Stop to Stop			rear — optional
Axles/Brakes Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires)	Hydraulic locking front with convention		rear — optional
Axles/Brakes Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450)	Hydraulic locking front with convention 24 deg. (12 deg. each direction)	al rear — standard; dual locking front and	
Axles/Brakes Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service	Hydraulic locking front with convention 24 deg. (12 deg. each direction) Hydraulically actuated, spring-retracted	al rear — standard; dual locking front and i , self-adjusting inboard sun-shaft mounte	ed, oil cooled, single disc
Axles/Brakes Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking	Hydraulic locking front with convention 24 deg. (12 deg. each direction) Hydraulically actuated, spring-retracted Automatic spring applied, hydraulically r	al rear — standard; dual locking front and	ed, oil cooled, single disc
Axles/Brakes Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking	Hydraulic locking front with convention 24 deg. (12 deg. each direction) Hydraulically actuated, spring-retracted Automatic spring applied, hydraulically r	al rear — standard; dual locking front and , self-adjusting inboard sun-shaft mounte eleased, driveline mounted, sealed wet mi	ed, oil cooled, single disc
Axles/Brakes Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 18 for complete tire ad	Hydraulic locking front with convention 24 deg. (12 deg. each direction) Hydraulically actuated, spring-retracted Automatic spring applied, hydraulically r Justments) Tread Width	al rear — standard; dual locking front and , self-adjusting inboard sun-shaft mounte released, driveline mounted, sealed wet mo Width Over Tires	ed, oil cooled, single disc
Axles/Brakes Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 18 for complete tire ad Michelin 20.5 R 25, 1 Star L-3 XHA2	Hydraulic locking front with convention 24 deg. (12 deg. each direction) Hydraulically actuated, spring-retracted Automatic spring applied, hydraulically r	al rear — standard; dual locking front and , self-adjusting inboard sun-shaft mounte eleased, driveline mounted, sealed wet mi	ed, oil cooled, single disc
Axles/Brakes Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 18 for complete tire ad Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability	Hydraulic locking front with convention 24 deg. (12 deg. each direction) Hydraulically actuated, spring-retracted Automatic spring applied, hydraulically r Justments) Tread Width	al rear — standard; dual locking front and , self-adjusting inboard sun-shaft mounte released, driveline mounted, sealed wet mo Width Over Tires	ed, oil cooled, single disc
Axles/Brakes Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 18 for complete tire ad Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability Refill Capacities	Hydraulic locking front with convention 24 deg. (12 deg. each direction) Hydraulically actuated, spring-retracted Automatic spring applied, hydraulically r <i>Justments)</i> <i>Tread Width</i> 1952 mm (76.8 in.)	al rear — standard; dual locking front and , self-adjusting inboard sun-shaft mounte released, driveline mounted, sealed wet m <i>Width Over Tires</i> 2546 mm (100.2 in.)	ed, oil cooled, single disc
Axles/Brakes Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 18 for complete tire ad Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability Refill Capacities Fuel Tank (with lockable cap)	Hydraulic locking front with convention 24 deg. (12 deg. each direction) Hydraulically actuated, spring-retracted Automatic spring applied, hydraulically r <i>Justments)</i> <i>Tread Width</i> 1952 mm (76.8 in.) 220 L (58 gal.)	al rear — standard; dual locking front and i , self-adjusting inboard sun-shaft mounte released, driveline mounted, sealed wet mi <i>Width Over Tires</i> 2546 mm (100.2 in.) Axle Oil (each)	ed, oil cooled, single disc ulti disc
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Axles/Brakes Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 18 for complete tire ad Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability Refill Capacities Fuel Tank (with lockable cap) Cooling System Diesel Exhaust Fluid (DEF) Engine Oil with Vertical Spin-On Filter	Hydraulic locking front with convention 24 deg. (12 deg. each direction) Hydraulically actuated, spring-retracted Automatic spring applied, hydraulically r <i>justments)</i> <i>Tread Width</i> 1952 mm (76.8 in.) 220 L (58 gal.) 29.9 L (31.6 qt.) 15.6 L (16.5 qt.) 19.5 L (20.6 qt.)	al rear — standard; dual locking front and i , self-adjusting inboard sun-shaft mounte released, driveline mounted, sealed wet m <i>Width Over Tires</i> 2546 mm (100.2 in.) Axle Oil (each) Front Rear Hydraulic Reservoir and Filter	ed, oil cooled, single disc ulti disc 16.6 L (17.5 qt.) 18 L (19 qt.) 82.1 L (21.7 gal.)
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Axles/Brakes Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 18 for complete tire and Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability Refill Capacities Fuel Tank (with lockable cap) Cooling System Diesel Exhaust Fluid (DEF) Engine Oil with Vertical Spin-On Filter Transmission Reservoir with Vertical Filter Hydraulic System/Steering	Hydraulic locking front with convention 24 deg. (12 deg. each direction) Hydraulically actuated, spring-retracted Automatic spring applied, hydraulically r <i>justments)</i> <i>Tread Width</i> 1952 mm (76.8 in.) 220 L (58 gal.) 29.9 L (31.6 qt.) 15.6 L (16.5 qt.) 19.5 L (20.6 qt.) 21 L (22.2 qt.)	al rear — standard; dual locking front and i , self-adjusting inboard sun-shaft mounte released, driveline mounted, sealed wet m <i>Width Over Tires</i> 2546 mm (100.2 in.) Axle Oil (each) Front Rear Hydraulic Reservoir and Filter	ed, oil cooled, single disc ulti disc 16.6 L (17.5 qt.) 18 L (19 qt.) 82.1 L (21.7 gal.) 0.3 L (10 oz.)
Axles/Brakes Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 18 for complete tire and Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability Refill Capacities Fuel Tank (with lockable cap) Cooling System Diesel Exhaust Fluid (DEF) Engine Oil with Vertical Spin-On Filter Transmission Reservoir with Vertical Filter Hydraulic System/Steering	Hydraulic locking front with convention 24 deg. (12 deg. each direction) Hydraulically actuated, spring-retracted Automatic spring applied, hydraulically r <i>justments)</i> <i>Tread Width</i> 1952 mm (76.8 in.) 220 L (58 gal.) 29.9 L (31.6 qt.) 15.6 L (16.5 qt.) 19.5 L (20.6 qt.) 21 L (22.2 qt.)	al rear — standard; dual locking front and i , self-adjusting inboard sun-shaft mounte released, driveline mounted, sealed wet mo <i>Width Over Tires</i> 2546 mm (100.2 in.) Axle Oil (each) Front Rear Hydraulic Reservoir and Filter Park Brake Oil (wet disc)	ed, oil cooled, single disc ulti disc 16.6 L (17.5 qt.) 18 L (19 qt.) 82.1 L (21.7 gal.) 0.3 L (10 oz.)
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Axles/Brakes Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 18 for complete tire and Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability Refill Capacities Fuel Tank (with lockable cap) Cooling System Diesel Exhaust Fluid (DEF) Engine Oil with Vertical Spin-On Filter Transmission Reservoir with Vertical Filter Hydraulic System/Steering Pump (loader and steering) Maximum Rated Flow at 6895 kPa	Hydraulic locking front with convention 24 deg. (12 deg. each direction) Hydraulically actuated, spring-retracted Automatic spring applied, hydraulically r <i>justments)</i> <i>Tread Width</i> 1952 mm (76.8 in.) 220 L (58 gal.) 29.9 L (31.6 qt.) 15.6 L (16.5 qt.) 19.5 L (20.6 qt.) 21 L (22.2 qt.) Variable-displacement, axial-piston pum	al rear — standard; dual locking front and i , self-adjusting inboard sun-shaft mounte released, driveline mounted, sealed wet mo <i>Width Over Tires</i> 2546 mm (100.2 in.) Axle Oil (each) Front Rear Hydraulic Reservoir and Filter Park Brake Oil (wet disc)	ed, oil cooled, single disc ulti disc 16.6 L (17.5 qt.) 18 L (19 qt.) 82.1 L (21.7 gal.) 0.3 L (10 oz.)
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Dimensions and Specifications with Pin-On Bucket 524L Z-BAR / HIGH-LIFT / HIGH-LIFT PLUS / TOOL CARRIER



524L Z-BAR / HIGH-LIFT / HIGH-LIFT PLUS LOADERS WITH PIN-ON BUCKET WITH BOLT-ON EDGE

	Z-Bar	Z-Bar	High-Lift	High-Lift Plus
	2.1-m³ (2.75 cu. yd.)	2.3-m³ (3.0 cu. yd.)	2.1-m³ (2.75 cu. yd.)	2.1-m³ (2.75 cu. yd.)
Dimensions with Bucket with Bolt-On Edge	general purpose	general purpose	general purpose	general purpose
A Height to Top of Cab	3.33 m (10 ft. 11 in.)			
B Hood Height	2.375 m (7 ft. 9 in.)			
C Ground Clearance	0.40 m (15.7 in.)			
D Length from Centerline to Front Axle	1.45 m (4 ft. 9 in.)			
E Wheelbase	2.93 m (9 ft. 7 in.)			
F Overall Length, Bucket on Ground	7.37 m (24 ft. 2 in.)	7.45 m (24 ft. 5 in.)	7.80 m (25 ft. 7 in.)	8.10 m (26 ft. 7 in.)
G Height to Hinge Pin, Fully Raised	3.81 m (12 ft. 6 in.)	3.81 m (12 ft. 6 in.)	4.17 m (13 ft. 8 in.)	4.42 m (14 ft. 6 in.)
H Dump Clearance, 45 deg., Full Height	2.78 m (9 ft. 1 in.)	2.72 m (8 ft. 11 in.)	3.14 m (10 ft. 4 in.)	3.39 m (11 ft. 1 in.)
I Reach, 45-deg. Dump, Full Height	0.99 m (3 ft. 3 in.)	1.04 m (3 ft. 5 in.)	1.09 m (3 ft. 7 in.)	1.12 m (3 ft. 8 in.)
J Reach, 45-deg. Dump, 2.13-m (7 ft. 0 in.) Clearance	1.44 m (4 ft. 9 in.)	1.47 m (4 ft. 10 in.)	1.81 m (5 ft. 11 in.)	2.03 m (6 ft. 8 in.)
K Maximum Digging Depth	102 mm (4.0 in.)	108 mm (4.3 in.)	193 mm (7.6 in.)	198 mm (7.8 in.)
L Maximum Rollback at Ground Level	44 deg.	44 deg.	48 deg.	49 deg.
M Maximum Rollback, Boom Fully Raised	60 deg.	60 deg.	60 deg.	61 deg.
N Maximum Bucket Dump Angle, Fully Raised	50 deg.	50 deg.	46 deg.	45 deg.
Loader Clearance Circle, Bucket Carry Position	11.40 m (37 ft. 5 in.)	11.42 m (37 ft. 6 in.)	11.68 m (38 ft. 4 in.)	12.08 m (39 ft. 7 in.)
Specifications with Bucket with Bolt-On Edge				
Capacity, Heaped	2.1 m³ (2.75 cu. yd.)	2.3 m³ (3.0 cu. yd.)	2.1 m³ (2.75 cu. yd.)	2.1 m³ (2.75 cu. yd.)
Capacity, Struck	1.7 m³ (2.26 cu. yd.)	1.9 m³ (2.53 cu. yd.)	1.7 m³ (2.26 cu. yd.)	1.7 m³ (2.26 cu. yd.)
Bucket Weight with Bolt-On Cutting Edge	1056 kg (2,327 lb.)	1095 kg (2,415 lb.)	1056 kg (2,327 lb.)	1056 kg (2,327 lb.)
Bucket Width	2.55 m (8 ft. 4 in.)			
Breakout Force	11 070 kg (24,406 lb.)	10 285 kg (22,674 lb.)	10 952 kg (24,145 lb.)	11 059 kg (24,381 lb.)
Tipping Load, Straight, No Tire Deflection	10 297 kg (22,702 lb.)	10 172 kg (22,426 lb.)	8667 kg (19,107 lb.)	7967 kg (17,564 lb.)
Tipping Load, Straight, with Tire Deflection	9753 kg (21,502 lb.)	9630 kg (21,230 lb.)	8253 kg (18,195 lb.)	7614 kg (16,786 lb.)
Tipping Load, 40-deg. Full Turn, No Tire Deflection	8955 kg (19,742 lb.)	8840 kg (19,489 lb.)	7496 kg (16,526 lb.)	6860 kg (15,123 lb.)
Tipping Load, 40-deg. Full Turn, with Tire Deflection	8259 kg (18,208 lb.)	8145 kg (17,957 lb.)	6963 kg (15,351 lb.)	6390 kg (14,088 lb.)
Rated Operating Load, 50% Full-Turn Tipping Load, No Tire Deflection (conforms to ISO 14397-1)*	4477 kg (9,871 lb.)	4420 kg (9,745 lb.)	3748 kg (8,263 lb.)	3430 kg (7,562 lb.)
Rated Operating Load, 50% Full-Turn Tipping Load, with Tire Deflection (conforms to ISO 14397-1)*	4130 kg (9,104 lb.)	4073 kg (8,978 lb.)	3482 kg (7,675 lb.)	3195 kg (7,044 lb.)
Operating Weight	13 123 kg (28,931 lb.)	13 163 kg (29,018 lb.)	13 341 kg (29,412 lb.)	13 457 kg (29,667 lb.)

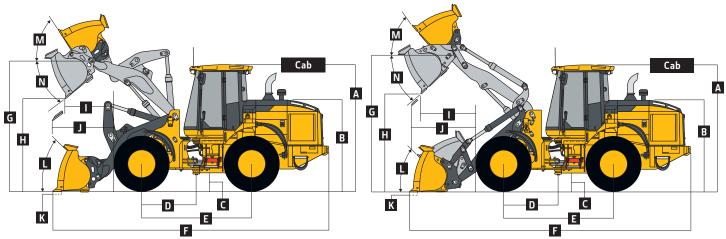
Loader operating information is based on machine with identified linkage and standard equipment, PowerTech PVS 6068 (EPA Final Tier 4/EU Stage V) engine, ROPS cab, rear cast bumper/counterweight, transmission side-frame guards, bottom guards, standard tires, full fuel tank, and 79-kg (175 lb.) operator. This information is affected by changes in tires, ballast, and different attachments.

*Rated operating capacity based on Deere attachments only.

524L

Dimensions and Specifications with Hi-Vis Coupler and Hook-On Bucket 5241

524L Z-BAR / HIGH-LIFT / HIGH-LIFT PLUS / TOOL CARRIER



524L Z-BAR / HIGH-LIFT / HIGH-LIFT PLUS LOADERS WITH HI-VIS COUPLER AND HOOK-ON BUCKET WITH BOLT-ON EDGE

524L TOOL-CARRIER LOADER WITH HI-VIS COUPLER AND HOOK-ON BUCKET WITH BOLT-ON EDGE

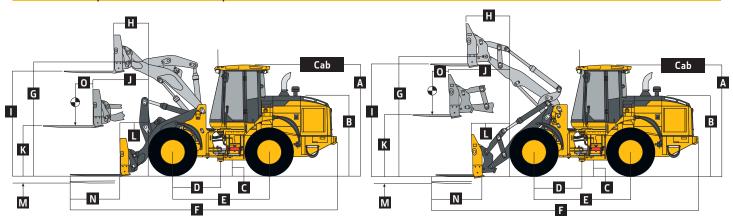
	Z-Bar	Z-Bar	High-Lift	High-Lift	High-Lift Plus	High-Lift Plus	Tool Carrier	Tool Carrier
	2-Dui 2.1-m ³	Z-Dui	2.1-m ³	Tilgit-Litt	1.9-m ³	Tilgii-Lii t Flus	2.1-m ³	1001 Currier
	(2.75 cu. yd.)	3.1-m ³	(2.75 cu. yd.)	3.1-m ³	(2.5 cu. yd.)	3.1-m ³	(2.75 cu. yd.)	3.1-m ³
	general	(4.0 cu. yd.)	general	(4.0 cu. yd.)	general	(4.0 cu. yd.)	general	(4.0 cu. yd.)
Dimensions with Bucket with Bolt-On Edge	purpose	light material	purpose	light material	purpose	light material	purpose	light material
A Height to Top of Cab	3.33 m	3.33 m	3.33 m	3.33 m	3.33 m	3.33 m	3.33 m	3.33 m
	(10 ft. 11 in.)	(10 ft. 11 in.)	(10 ft. 11 in.)	(10 ft. 11 in.)	(10 ft. 11 in.)	(10 ft. 11 in.)	(10 ft. 11 in.)	(10 ft. 11 in.)
B Hood Height	2.375 m	2.375 m	2.375 m	2.375 m	2.375 m	2.375 m	2.375 m	2.375 m
	(7 ft. 9 in.)	(7 ft. 9 in.)	(7 ft. 9 in.)	(7 ft. 9 in.)	(7 ft. 9 in.)	(7 ft. 9 in.)	(7 ft. 9 in.)	(7 ft. 9 in.)
C Ground Clearance	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)
D Length from Centerline to Front Axle	1.45 m	1.45 m	1.45 m	1.45 m	1.45 m	1.45 m	1.45 m	1.45 m
	(4 ft. 9 in.)	(4 ft. 9 in.)	(4 ft. 9 in.)	(4 ft. 9 in.)	(4 ft. 9 in.)	(4 ft. 9 in.)	(4 ft. 9 in.)	(4 ft. 9 in.)
E Wheelbase	2.93 m	2.93 m	2.93 m	2.93 m	2.93 m	2.93 m	2.93 m	2.93 m
	(9 ft. 7 in.)	(9 ft. 7 in.)	(9 ft. 7 in.)	(9 ft. 7 in.)	(9 ft. 7 in.)	(9 ft. 7 in.)	(9 ft. 7 in.)	(9 ft. 7 in.)
F Overall Length, Bucket on Ground	7.52 m	7.65 m	7.95 m	8.08 m	8.15 m	8.37 m	7.77 m	7.80 m
	(24 ft. 8 in.)	(25 ft. 1 in.)	(26 ft. 1 in.)	(26 ft. 6 in.)	(26 ft. 9 in.)	(27 ft. 6 in.)	(25 ft. 6 in.)	(25 ft. 7 in.)
G Height to Hinge Pin, Fully Raised	3.81 m	3.81 m	4.17 m	4.17 m	4.42 m	4.42 m	3.89 m	3.89 m
	(12 ft. 6 in.)	(12 ft. 6 in.)	(13 ft. 8 in.)	(13 ft. 8 in.)	(14 ft. 6 in.)	(14 ft. 6 in.)	(12 ft. 9 in.)	(12 ft. 9 in.)
H Dump Clearance, 45 deg., Full Height	2.68 m	2.60 m	3.04 m	2.96 m	3.35 m	3.21 m	2.79 m	2.70 m
I Reach, 45-deg. Dump, Full Height	(8 ft. 10 in.) 1.09 m	(8 ft. 6 in.) 1.19 m	(10 ft. 0 in.) 1.19 m	(9 ft. 9 in.) 1.29 m	(11 ft. 0 in.) 1.17 m	(10 ft. 6 in.) 1.33 m	(9 ft. 2 in.) 1.34 m	(8 ft. 10 in.) 1.44 m
I Reach, 45-deg. Dump, Full Height	(3 ft. 7 in.)	(3 ft. 11 in.)	(3 ft. 11 in.)	(4 ft. 3 in.)	(3 ft. 10 in.)	(4 ft. 4 in.)	(4 ft. 5 in.)	(4 ft. 9 in.)
J Reach, 45-deg. Dump, 2.13-m (7 ft. 0 in.)	1.50 m	1.55 m	1.87 m	1.92 m	2.06 m	2.16 m	1.81 m	1.86 m
Clearance	(4 ft. 11 in.)	(5 ft. 1 in.)	(6 ft. 2 in.)	(6 ft. 4 in.)	(6 ft. 9 in.)	(7 ft. 1 in.)	(5 ft. 11 in.)	(6 ft. 1 in.)
K Maximum Digging Depth	108 mm	111 mm	199 mm	202 mm	196 mm	207 mm	100 mm	102 mm
	(4.2 in.)	(4.4 in.)	(7.8 in.)	(8.0 in.)	(7.7 in.)	(8.1 in.)	(3.9 in.)	(4.0 in.)
L Maximum Rollback at Ground Level	44 deg.	44 deg.	48 deg.	48 deg.	49 deg.	49 deg.	50 deg.	50 deg.
M Maximum Rollback, Boom Fully Raised	60 deg.	60 deg.	60 deg.	60 deg.	61 deg.	61 deg.	55 deg.	55 deg.
N Maximum Bucket Dump Angle, Fully Raised	50 deg.	50 deg.	46 deg.	46 deg.	45 deg.	45 deg.	46 deg.	46 deg.
Loader Clearance Circle, Bucket Carry Position	11.44 m	11.80 m	11.78 m	12.22 m	12.02 m	12.54 m	11.24 m	12.04 m
	(37 ft. 7 in.)	(38 ft. 9 in.)	(38 ft. 8 in.)	(40 ft. 1 in.)	(39 ft. 6 in.)	(41 ft. 2 in.)	(36 ft. 11 in.)	(39 ft. 6 in.)
Specifications with Bucket with Bolt-On Edge								
Capacity, Heaped	2.1 m ³	3.1 m ³	2.1 m ³	3.1 m ³	1.9 m ³	3.1 m ³	2.1 m ³	3.1 m ³
	(2.75 cu. yd.)	(4.0 cu. yd.)	(2.75 cu. yd.)	(4.0 cu. yd.)	(2.5 cu. yd.)	(4.0 cu. yd.)	(2.75 cu. yd.)	(4.0 cu. yd.)
Capacity, Struck	1.7 m ³	2.6 m ³	1.7 m ³	2.6 m ³	1.5 m ³	2.6 m ³	1.7 m ³	2.6 m ³
	(2.26 cu. yd.)	(3.4 cu. yd.)	(2.26 cu. yd.)	(3.4 cu. yd.)	(1.96 cu. yd.)	(3.4 cu. yd.)	(2.26 cu. yd.)	(3.4 cu. yd.)
Bucket Weight with Bolt-On Cutting Edge	1454 kg	1683 kg	1454 kg	1683 kg	1385 kg	1683 kg	1437 kg	1656 kg
	(3,205 lb.)	(3,711 lb.)	(3,205 lb.)	(3,711 lb.)	(3,052 lb.)	(3,711 lb.)	(3,167 lb.)	(3,651 lb.)
Bucket Width	2.55 m	2.89 m	2.55 m	2.89 m	2.55 m	2.89 m	2.55 m	2.89 m
	(8 ft. 4 in.)	(9 ft. 6 in.)	(8 ft. 4 in.)	(9 ft. 6 in.)	(8 ft. 4 in.)	(9 ft. 6 in.)	(8 ft. 4 in.)	(9 ft. 6 in.)
Breakout Force	9604 kg	8569 kg	9500 kg	8475 kg	10 383 kg	8559 kg	10 660 kg	9109 kg
	(21,173 lb.)	(18,891 lb.)	(20,945 lb.)	(18,684 lb.)	(22,891 lb.)	(18,870 lb.)	(23,501 lb.)	(20,081 lb.)
Tipping Load, Straight, No Tire Deflection	9483 kg	9168 kg	7969 kg	7672 kg	7436 kg	7032 kg	8691 kg	8385 kg
Time in a local Gamble with Time D. G	(20,906 lb.)	(20,212 lb.)	(17,568 lb.)	(16,913 lb.)	(16,394 lb.)	(15,504 lb.)	(19,160 lb.)	(18,486 lb.)
Tipping Load, Straight, with Tire Deflection	8967 kg	8637 kg	7575 kg	7260 kg	7092 kg	6672 kg	8259 kg	7938 kg
	(19,769 lb.)	(19,041 lb.)	(16,700 lb.)	(16,006 lb.)	(15,635 lb.)	(14,709 lb.)	(18,208 lb.)	(17,500 lb.)

Hi-Vis Coupler and Hook-On Bucket (continued)	524L Z-BAR /	HIGH-LIFT / HI	GH-LIFT PLUS	/ TOOL CARRIEI	R			
	Z-Bar	Z-Bar	High-Lift	High-Lift	High-Lift Plus	High-Lift Plus	Tool Carrier	Tool Carrier
Specifications with Bucket with Bolt-On Edge (continued)	2.1-m ³ (2.75 cu. yd.) general purpose	3.1-m³ (4.0 cu. yd.) light material	2.1-m ³ (2.75 cu. yd.) general purpose	3.1-m³ (4.0 cu. yd.) light material	1.9-m ³ (2.5 cu. yd.) general purpose	3.1-m³ (4.0 cu. yd.) light material	2.1-m ³ (2.75 cu. yd.) general purpose	3.1-m³ (4.0 cu. yd.) light material
Tipping Load, 40-deg. Full Turn, No Tire Deflection	, 8199 kg (18,075 lb.)	7888 kg (17,391 lb.)	, 6841 kg (15,082 lb.)	6548 kg (14,436 lb.)	, 6360 kg (14,021 lb.)	5965 kg (13,150 lb.)	, 7503 kg (16,541 lb.)	7203 kg (15,880 lb.)
Tipping Load, 40-deg. Full Turn, with Tire Deflection	7539 kg (16,621 lb.)	7206 kg (15,886 lb.)	6327 kg (13,949 lb.)	6033 kg (13,300 lb.)	5919 kg (13,049 lb.)	5493 kg (12,110 lb.)	6936 kg (15,291 lb.)	6633 kg (14,623 lb.)
Rated Operating Load, 50% Full-Turn Tipping Load, No Tire Deflection (conforms to ISO 14397-1)*	4099 kg (9,037 lb.)	3944 kg (8,695 lb.)	3421 kg (7,541 lb.)	3274 kg (7,218 lb.)	3180 kg (7,011 lb.)	2982 kg (6,575 lb.)	3752 kg (8,271 lb.)	3602 kg (7,940 lb.)
Rated Operating Load, 50% Full-Turn Tipping Load, with Tire Deflection (conforms to ISO 14397-1)*	3770 kg (8,310 lb.)	3603 kg (7,943 lb.)	3164 kg (6,974 lb.)	3017 kg (6,650 lb.)	2960 kg (6,525 lb.)	2747 kg (6,055 lb.)	3468 kg (7,646 lb.)	3317 kg (7,312 lb.)
Operating Weight	13 541 kg (29,853 lb.)	13 770 kg (30,359 lb.)	13 760 kg (30,335 lb.)	13 989 kg (30,841 lb.)	13 806 kg (30,438 lb.)	14 105 kg (31,097 lb.)	13 390 kg (29,520 lb.)	13 610 kg (30,004 lb.)

Loader operating information is based on machine with identified linkage and standard equipment, PowerTech PVS 6068 (EPA Final Tier 4/EU Stage V) engine, ROPS cab, rear cast bumper/ counterweight, transmission side-frame guards, bottom guards, standard tires, full fuel tank, and 79-kg (175 lb.) operator. This information is affected by changes in tires, ballast, and different attachments.

*Rated operating capacity based on Deere attachments only.

Dimensions and Specifications with Hi-Vis Coupler and Hook-On Construction Forks



524L Z-BAR / HIGH-LIFT / HIGH-LIFT PLUS LOADERS WITH HI-VIS COUPLER AND HOOK-ON CONSTRUCTION FORKS

524L TOOL-CARRIER LOADER WITH HI-VIS COUPLER AND HOOK-ON CONSTRUCTION FORKS

	Z-Bar	Z-Bar	High-Lift	High-Lift	High-Lift Plus	High-Lift Plus	Tool Carrier	Tool Carrier
Dimensions with Forks	1.22-m (48 in.)	1.52-m (60 in.)	1.22-m (48 in.)	1.52-m (60 in.)	1.22-m (48 in.)	1.52-m (60 in.)	1.22-m (48 in.)	1.52-m (60 in.)
	tine length	tine length	tine length	tine length	tine length	tine length	tine length	tine length
A Height to Top of Cab	3.33 m	3.33 m	3.33 m	3.33 m	3.33 m	3.33 m	3.33 m	3.33 m
	(10 ft. 11 in.)	(10 ft. 11 in.)	(10 ft. 11 in.)	(10 ft. 11 in.)	(10 ft. 11 in.)	(10 ft. 11 in.)	(10 ft. 11 in.)	(10 ft. 11 in.)
B Hood Height	2.375 m	2.375 m	2.375 m	2.375 m	2.375 m	2.375 m	2.375 m	2.375 m
	(7 ft. 9 in.)	(7 ft. 9 in.)	(7 ft. 9 in.)	(7 ft. 9 in.)	(7 ft. 9 in.)	(7 ft. 9 in.)	(7 ft. 9 in.)	(7 ft. 9 in.)
C Ground Clearance	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)
D Length from Centerline to Front Axle	1.45 m	1.45 m	1.45 m	1.45 m	1.45 m	1.45 m	1.45 m	1.45 m
	(4 ft. 9 in.)	(4 ft. 9 in.)	(4 ft. 9 in.)	(4 ft. 9 in.)	(4 ft. 9 in.)	(4 ft. 9 in.)	(4 ft. 9 in.)	(4 ft. 9 in.)
E Wheelbase	2.93 m	2.93 m	2.93 m	2.93 m	2.93 m	2.93 m	2.93 m	2.93 m
	(9 ft. 7 in.)	(9 ft. 7 in.)	(9 ft. 7 in.)	(9 ft. 7 in.)	(9 ft. 7 in.)	(9 ft. 7 in.)	(9 ft. 7 in.)	(9 ft. 7 in.)
F Overall Length, Forks on Ground	7.94 m	8.24 m	8.37 m	8.68 m	8.67 m	8.97 m	8.13 m	8.44 m
	(26 ft. 1 in.)	(27 ft. 1 in.)	(27 ft. 6 in.)	(28 ft. 6 in.)	(28 ft. 5 in.)	(29 ft. 5 in.)	(26 ft. 8 in.)	(27 ft. 8 in.)
G Height to Hinge Pin, Fully Raised	3.81 m	3.81 m	4.17 m	4.17 m	4.42 m	4.42 m	3.89 m	3.89 m
	(12 ft. 6 in.)	(12 ft. 6 in.)	(13 ft. 8 in.)	(13 ft. 8 in.)	(14 ft. 6 in.)	(14 ft. 6 in.)	(12 ft. 9 in.)	(12 ft. 9 in.)
H Reach, Fully Raised	0.82 m (32 in.)	0.82 m (32 in.)	0.92 m (3 ft. 0 in.)	0.92 m (3 ft. 0 in.)	0.96 m (3 ft. 2 in.)	0.96 m (3 ft. 2 in.)	1.08 m (3 ft. 7 in.)	1.08 m (3 ft. 7 in.)
I Fork Height, Fully Raised	2.72 m	2.72 m	3.08 m	3.08 m	3.33 m	3.33 m	3.66 m	3.66 m
	(8 ft. 11 in.)	(8 ft. 11 in.)	(10 ft. 1 in.)	(10 ft. 1 in.)	(10 ft. 11 in.)	(10 ft. 11 in.)	(12 ft. 0 in.)	(12 ft. 0 in.)
J Maximum Reach, Fork Level	1.54 m	1.54 m	1.87 m	1.87 m	2.08 m	2.08 m	1.81 m	1.81 m
	(5 ft. 1 in.)	(5 ft. 1 in.)	(6 ft. 2 in.)	(6 ft. 2 in.)	(6 ft. 10 in.)	(6 ft. 10 in.)	(5 ft. 11 in.)	(5 ft. 11 in.)
K Fork Height, Maximum Reach	1.24 m	1.24 m	1.24 m	1.24 m	1.24 m	1.24 m	1.83 m	1.83 m
	(4 ft. 1 in.)	(4 ft. 1 in.)	(4 ft. 1 in.)	(4 ft. 1 in.)	(4 ft. 1 in.)	(4 ft. 1 in.)	(6 ft. 0 in.)	(6 ft. 0 in.)
L Reach, Ground Level	1.01 m	1.01 m	1.41 m	1.41 m	1.66 m	1.66 m	1.17 m	1.17 m
	(3 ft. 4 in.)	(3 ft. 4 in.)	(4 ft. 8 in.)	(4 ft. 8 in.)	(5 ft. 5 in.)	(5 ft. 5 in.)	(3 ft. 10 in.)	(3 ft. 10 in.)
M Depth Below Ground	119 mm (5 in.)	119 mm (5 in.)	209 mm (8 in.)	209 mm (8 in.)	214 mm (8 in.)	214 mm (8 in.)	154 mm (6 in.)	154 mm (6 in.)
N Tine Length	1.22 m (48 in.)	1.52 m (60 in.)	1.22 m (48 in.)	1.52 m (60 in.)	1.22 m (48 in.)	1.52 m (60 in.)	1.22 m (48 in.)	1.52 m (60 in.)
0 Load Position, 50% Tine Length	0.61 m (24 in.)	0.76 m (30 in.)	0.61 m (24 in.)	0.76 m (30 in.)	0.61 m (24 in.)	0.76 m (30 in.)	0.61 m (24 in.)	0.76 m (30 in.)

Construction Forks (continued)	524L Z-BAR /	HIGH-LIFT / HI	GH-LIFT PLUS	TOOL CARRIER	२			
	Z-Bar	Z-Bar	High-Lift	High-Lift	High-Lift Plus	High-Lift Plus	Tool Carrier	Tool Carrier
	1.22-m (48 in.)	1.52-m (60 in.)	1.22-m (48 in.)	1.52-m (60 in.)	1.22-m (48 in.)	1.52-m (60 in.)	1.22-m (48 in.)	1.52-m (60 in.,
Specifications with Forks	tine length							
Tipping Load, Straight, No Tire Deflection	6990 kg (15,411 lb.)	6574 kg (14,494 lb.)	6101 kg (13,451 lb.)	5760 kg (12,698 lb.)	5701 kg (12,569 lb.)	5393 kg (11,889 lb.)	6504 kg (14,339 lb.)	6135 kg (13,525 lb.)
Tipping Load, Straight, with Tire Deflection	6801 kg (14,994 lb.)	6393 kg (14,094 lb.)	5943 kg (13,102 lb.)	5616 kg (12,381 lb.)	5538 kg (12,209 lb.)	5250 kg (11,574 lb.)	6333 kg (13,962 lb.)	5976 kg (13,175 lb.)
Tipping Load, 40-deg. Full Turn, No Tire Deflection	6050 kg (13,338 lb.)	5681 kg (12,524 lb.)	5246 kg (11,566 lb.)	4943 kg (10,898 lb.)	4877 kg (10,752 lb.)	4604 kg (10,149 lb.)	5619 kg (12,388 lb.)	5289 kg (11,660 lb.)
Tipping Load, 40-deg. Full Turn, with Tire Deflection	5796 kg (12,778 lb.)	5442 kg (11,998 lb.)	5013 kg (11,052 lb.)	4728 kg (10,423 lb.)	4674 kg (10,304 lb.)	4401 kg (9,703 lb.)	5385 kg (11,872 lb.)	5085 kg (11,210 lb.)
Rated Operating Load, 50% Full-Turn Tipping Load, with Tire Deflection (conforms to ISO 14397-1 and SAE J1197)*	2898 kg (6,389 lb.)	2721 kg (5,999 lb.)	2507 kg (5,526 lb.)	2364 kg (5,212 lb.)	2337 kg (5,152 lb.)	2201 kg (4,851 lb.)	2693 kg (5,936 lb.)	2543 kg (5,605 lb.)
Rated Operating Load, Rough Terrain, 60% Full-Turn Tipping Load, with Tire Deflection (conforms to EN474-3)*	3478 kg (7,667 lb.)	3265 kg (7,199 lb.)	3008 kg (6,631 lb.)	2837 kg (6,254 lb.)	2804 kg (6,183 lb.)	2641 kg (5,822 lb.)	3231 kg (7,123 lb.)	3051 kg (6,726 lb.)
Rated Operating Load, Firm and Level Ground, 80% Full-Turn Tipping Load, with Tire Deflection (conforms to EN474-3)*	4637 kg (10,222 lb.)	4354 kg (9,598 lb.)	4010 kg (8,841 lb.)	3782 kg (8,339 lb.)	3739 kg (8,244 lb.)	3521 kg (7,762 lb.)	4308 kg (9,498 lb.)	4068 kg (8,968 lb.)
Operating Weight	13 366 kg (29,468 lb.)	13 427 kg (29,601 lb.)	13 585 kg (29,950 lb.)	13 646 kg (30,084 lb.)	13 701 kg (30,206 lb.)	13 762 kg (30,339 lb.)	13 206 kg (29,114 lb.)	13 266 kg (29,246 lb.)

Loader operating information is based on machine with identified linkage and standard equipment, PowerTech PVS 6068 (EPA Final Tier 4/EU Stage V) engine, ROPS cab, rear cast bumper/ counterweight, transmission side-frame guards, bottom guards, standard tires, full fuel tank, and 79-kg (175 lb.) operator. This information is affected by changes in tires, ballast, and different attachments.

*Rated operating capacity based on Deere attachments only.

Adjustments to Operating Weights and Tipping Loads with Buckets

Adjustments to operating weights, tipping loads, and tires are based on Z-Bar machine with pin-on 2.1-m³ (2.75 cu. yd.) general-purpose bucket with bolt-on cutting edge, ROPS cab, rear cast bumper/counterweight, transmission side-frame guards, bottom guards, standard tires, full fuel tank, and 79-kg (175 lb.) operator*

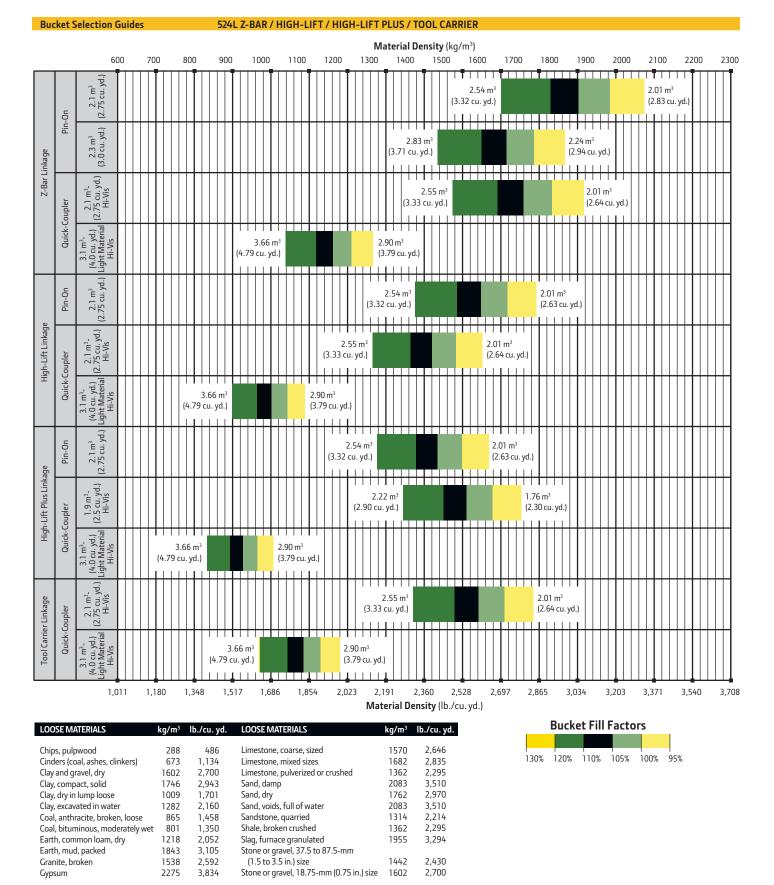
Add (+) or deduct (–) kg (lb.) as indicated	J ,	Tipping Load,	Tipping Load,	,	, , ,	
for loaders with 3-piece rims	Operating Weight	Straight	40-deg. Full Turn	Tread Width	Width Over Tires	Vertical Height
Michelin 20.5 R 25, 1 Star L-3 XHA2	0 kg (0 lb.)	0 kg (0 lb.)	0 kg (0 lb.)	0 mm (0 in.)	0 mm (0 in.)	0 mm (0 in.)
Bridgestone 20.5 R 25, 1 Star L-3 VJT	+4 kg (+9 lb.)	+3 kg (+6 lb.)	+3 kg (+6 lb.)	0 mm (0 in.)	+2 mm (+0.1 in.)	–41 mm (–1.6 in.)
Titan 20.5 R 25, 1 Star L-3 STL3	+11 kg (+23 lb.)	+8 kg (+17 lb.)	+7 kg (+15 lb.)	0 mm (0 in.)	–7 mm (–0.3 in.)	–5 mm (–0.2 in.)
Michelin 20.5 R 25, 1 Star L-2 XTLA	–152 kg (–335 lb.)	–109 kg (–241 lb.)	–96 kg (–212 lb.)	0 mm (0 in.)	+4 mm (+0.2 in.)	–11 mm (–0.4 in.)
Bridgestone 20.5 R 25, 1 Star L-2 VUT	–65 kg (–144 lb.)	–47 kg (–104 lb.)	–41 kg (–91 lb.)	0 mm (0 in.)	+3 mm (+0.1 in.)	–10 mm (–0.4 in.)
Titan 20.5 R 25, 1 Star L-2 TGD2	–85 kg (–188 lb.)	–61 kg (–135 lb.)	–54 kg (–119 lb.)	0 mm (0 in.)	–7 mm (–0.3 in.)	–10 mm (–0.4 in.)
Titan 20.5-25, 16 PR L-2	–245 kg (–541 lb.)	–176 kg (–389 lb.)	–155 kg (–343 lb.)	0 mm (0 in.)	+8 mm (+0.3 in.)	–2 mm (–0.1 in.)
Firestone 20.5-25, 16 PR L-2 SGG LD	–280 kg (–617 lb.)	–201 kg (–443 lb.)	–177 kg (–391 lb.)	0 mm (0 in.)	+5 mm (+0.2 in.)	–1 mm (0 in.)
Titan 20.5-25, 12 PR L-2	–266 kg (–587 lb.)	–191 kg (–422 lb.)	–169 kg (–372 lb.)	0 mm (0 in.)	+8 mm (+0.3 in.)	–2 mm (–0.1 in.)
Firestone 20.5-25, 16 PR L-3 SRG LD	–276 kg (–608 lb.)	–198 kg (–437 lb.)	–175 kg (–385 lb.)	0 mm (0 in.)	+8 mm (+0.3 in.)	+3 mm (+0.1 in.)
Michelin 20.5 R 25, 1 Star L2 SNO-PLUS	–96 kg (–212 lb.)	–69 kg (–152 lb.)	–61 kg (–134 lb.)	0 mm (0 in.)	+6 mm (+0.2 in.)	–16 mm (–0.6 in.)
Michelin 620/75R26 MegaXbib ^{£®}	–189 kg (–417 lb.)	–136 kg (–300 lb.)	–120 kg (–264 lb.)	+187 mm (+7.4 in.)	+247 mm (+9.7 in.)	+23 mm (+0.9 in.)
CaCl, in 20.5-25, L-3 Rear Tires, 75% Fill	+825 kg	+1185 kg	+1045 kg	N/A	N/A	N/A
~	(+1,820 lb.)	(+2,613 lb.)	(+2,304 lb.)			
*May change based on vehicle configure	tion waight or tire r	receive adjustments				

*May change based on vehicle configuration, weight, or tire-pressure adjustments.

[®]Requires 8-deg. rear axle stops.

[£]Equipped with 1-piece rims.

524L





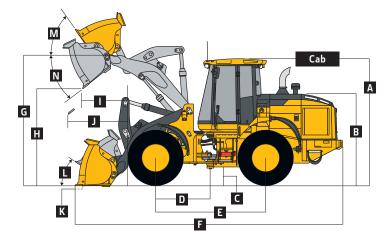
Engine	544L Z-BAR / HIGH-LIFT / HI	IGH-LIFT	PLUS			
Manufacturer and Model	John Deere PowerTech™ PVS €	5068	Gross Peak Torque	(ISO 9249)	770 Nm (568 ftlb.) at 1,600 rpm
Non-Road Emission Standard	EPA Final Tier 4/EU Stage V		Net Torque Rise		47%	
Cylinders	6		Fuel System (electr	onically controlled)	High-pre	ssure common rail
Valves Per Cylinder	4		Lubrication			spin-on filter and integral cool
Displacement	6.8 L (414 cu. in.)		Aspiration			arged, charge air cooled
Net Peak Power (ISO 9249)	123 kW (166 hp) at 1,700 rpm		Air Cleaner			ood, dual-element dry type,
Gross Peak Power (ISO 9249)	130 kW (174 hp) at 1,700 rpm		, in creation			on indicator in cab monitor
Net Peak Torque (ISO 9249)	740 Nm (546 lbft.) at 1,100 rj	nm			for service	
Cooling		pill			TOT SCI VIC	
Fan Drive	Hydraulically driven, proportio	anally cont	rolled fan aft of coo	lors		
Electrical	riyuraulicaliy uriveli, proportio	Jiany cont		1013		
Electrical System	24 volt with 100-amp alternat	orloption	al 120 amp alternate	-		
Batteries (2 – 12 volt)	950 CCA (each)		ai iou-ainp aiternatoi	1)		
	950 CCA (each)					
Transmission System	Countershaft type DowerShif	±™				
Туре	Countershaft-type PowerShif	τ				
Torque Converter	Single stage, single phase					
Shift Control	Electronically modulated, ada	ptive, load	and speed depender	nt		
Operator Interface	Steering-column or joystick-m					
Shift Modes	Manual/auto (1st–D or 2nd–D); Quick-Sh	hift button with 2 sel	ectable modes: kick-o	down or kie	ck-up/down; and 4 clutch
	cutoff settings					
	Standard 5-Speed with Lockup	o Torque Co	onverter	Optional 5-Speed w	ithout Loc	kup Torque Converter
Maximum Travel Speeds						
(with 20.5 R 25 tires)	Forward	Reverse		Forward		Reverse
Range 1	6.1 km/h (3.7 mph)		(3.6 mph)	5.6 km/h (3.5 mph)		6.0 km/h (3.7 mph)
Range 2	12.0 km/h (7.4 mph)	12.7 km/h	ı (7.8 mph)	11.2 km/h (7.0 mph)		11.9 km/h (7.3 mph)
Range 3	18.6 km/h (11.5 mph)	29.4 km/	h (18.3 mph)	17.4 km/h (10.8 mph)	27.6 km/h (17.1 mph)
Range 4	27.9 km/h (17.3 mph)	N/A		26.2 km/h (16.2 mpl	h)	N/A
Range 5	40.0 km/h (24.8 mph)	N/A		40.0 km/h (24.8 mp		N/A
Axles/Brakes						
Final Drives	Heavy-duty inboard-mounted	l planetarv				
Final Drives Differentials	Heavy-duty inboard-mounted Hydraulic locking front with c	l planetary onventiona	al rear — standard: dı	Jal locking front and r	rear — opti	onal
Differentials	Hydraulic locking front with co	onventiona	al rear — standard; dı	ual locking front and r	rear — opti	onal
Differentials Rear Axle Oscillation, Stop to Stop	Heavy-duty inboard-mounted Hydraulic locking front with co 24 deg. (12 deg. each direction	onventiona	al rear — standard; dı	ual locking front and r	rear — opti	onal
Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires)	Hydraulic locking front with co	onventiona	al rear — standard; dı	ual locking front and r	rear — opti	onal
Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450)	Hydraulic locking front with o 24 deg. (12 deg. each direction	onventiona 1)	al rear — standard; dι			
Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service	Hydraulic locking front with co 24 deg. (12 deg. each direction Hydraulically actuated, spring	onventiona n) -retracted	al rear — standard; du , self-adjusting inboa	ard sun-shaft mounte	ed, oil coole	
Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking	Hydraulic locking front with co 24 deg. (12 deg. each direction Hydraulically actuated, spring Automatic spring applied, hyd	onventiona n) -retracted	al rear — standard; du , self-adjusting inboa	ard sun-shaft mounte	ed, oil coole	
Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service	Hydraulic locking front with co 24 deg. (12 deg. each direction Hydraulically actuated, spring Automatic spring applied, hyd (justments)	onventiona n) -retracted	al rear — standard; du , self-adjusting inboa eleased, driveline mo	ard sun-shaft mounte	ed, oil coole	
Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 24 for complete tire ad	Hydraulic locking front with co 24 deg. (12 deg. each direction Hydraulically actuated, spring Automatic spring applied, hyd (justments) Tread Width	onventiona n) -retracted	al rear — standard; du , self-adjusting inboa eleased, driveline mo Width Over Tires	ard sun-shaft mounte bunted, sealed wet mu	ed, oil coole	
Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 24 for complete tire ad Michelin 20.5 R 25, 1 Star L-3 XHA2	Hydraulic locking front with co 24 deg. (12 deg. each direction Hydraulically actuated, spring Automatic spring applied, hyd (justments)	onventiona n) -retracted	al rear — standard; du , self-adjusting inboa eleased, driveline mo	ard sun-shaft mounte bunted, sealed wet mu	ed, oil coole	
Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 24 for complete tire ad Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability	Hydraulic locking front with co 24 deg. (12 deg. each direction Hydraulically actuated, spring Automatic spring applied, hyd (justments) Tread Width	onventiona n) -retracted	al rear — standard; du , self-adjusting inboa eleased, driveline mo Width Over Tires	ard sun-shaft mounte bunted, sealed wet mu	ed, oil coole	
Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 24 for complete tire ad Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability Refill Capacities	Hydraulic locking front with co 24 deg. (12 deg. each direction Hydraulically actuated, spring Automatic spring applied, hyd (justments) Tread Width 1950 mm (76.8 in.)	onventiona n) -retracted	al rear — standard; du , self-adjusting inboa eleased, driveline mo <i>Width Over Tires</i> 2546 mm (100.2 in.	ard sun-shaft mounte bunted, sealed wet mu	ed, oil coole	
Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 24 for complete tire ad Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability Refill Capacities Fuel Tank (with lockable cap)	Hydraulic locking front with co 24 deg. (12 deg. each direction Hydraulically actuated, spring Automatic spring applied, hyd <i>fjustments)</i> <i>Tread Width</i> 1950 mm (76.8 in.) 298 L (79 gal.)	onventiona n) -retracted	al rear — standard; du , self-adjusting inboa eleased, driveline mo <i>Width Over Tires</i> 2546 mm (100.2 in. Axle Oil (each)	ard sun-shaft mounte bunted, sealed wet mu	d, oil coole ulti disc	ed, single disc
Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 24 for complete tire ad Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability Refill Capacities Fuel Tank (with lockable cap) Cooling System	Hydraulic locking front with co 24 deg. (12 deg. each direction Hydraulically actuated, spring Automatic spring applied, hyd <i>fjustments)</i> <i>Tread Width</i> 1950 mm (76.8 in.) 298 L (79 gal.) 29.9 L (31.6 qt.)	onventiona n) -retracted	al rear — standard; du , self-adjusting inboa eleased, driveline mo <i>Width Over Tires</i> 2546 mm (100.2 in. Axle Oil (each) Front	ard sun-shaft mounte bunted, sealed wet mu	ed, oil coole ulti disc 16.6 L (17.	ed, single disc 5 qt.)
Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 24 for complete tire ad Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability Refill Capacities Fuel Tank (with lockable cap) Cooling System Diesel Exhaust Fluid (DEF)	Hydraulic locking front with co 24 deg. (12 deg. each direction Hydraulically actuated, spring Automatic spring applied, hyd <i>justments)</i> <i>Tread Width</i> 1950 mm (76.8 in.) 298 L (79 gal.) 29.9 L (31.6 qt.) 15.6 L (16.5 qt.)	onventiona n) -retracted	al rear — standard; du , self-adjusting inboa eleased, driveline mo <i>Width Over Tires</i> 2546 mm (100.2 in. Axle Oil (each) Front Rear	ard sun-shaft mounte sunted, sealed wet mu)	ed, oil coole ulti disc 16.6 L (17. 18 L (19 q	ed, single disc 5 qt.) _I t.)
Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 24 for complete tire ad Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability Refill Capacities Fuel Tank (with lockable cap) Cooling System Diesel Exhaust Fluid (DEF) Engine Oil with Vertical Spin-On Filter	Hydraulic locking front with co 24 deg. (12 deg. each direction Hydraulically actuated, spring Automatic spring applied, hyd <i>justments)</i> <i>Tread Width</i> 1950 mm (76.8 in.) 298 L (79 gal.) 29.9 L (31.6 qt.) 15.6 L (16.5 qt.) 19.5 L (20.6 qt.)	onventiona n) -retracted	al rear — standard; du , self-adjusting inboa eleased, driveline mo <i>Width Over Tires</i> 2546 mm (100.2 in. Axle Oil (each) Front Rear Hydraulic Reservoir	ard sun-shaft mounte sunted, sealed wet mu) r and Filter	ed, oil coole alti disc 16.6 L (17. 18 L (19 q 82.1 L (21	ed, single disc 5 qt.) _l t.) 7 gal.)
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Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 24 for complete tire ad Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability Refill Capacities Fuel Tank (with lockable cap) Cooling System Diesel Exhaust Fluid (DEF) Engine Oil with Vertical Spin-On Filter Transmission Reservoir with Vertical Filter	Hydraulic locking front with co 24 deg. (12 deg. each direction Hydraulically actuated, spring Automatic spring applied, hyd <i>justments)</i> <i>Tread Width</i> 1950 mm (76.8 in.) 298 L (79 gal.) 29.9 L (31.6 qt.) 15.6 L (16.5 qt.) 19.5 L (20.6 qt.)	-retracted raulically r	al rear — standard; du , self-adjusting inboa eleased, driveline mo <i>Width Over Tires</i> 2546 mm (100.2 in. 2546 mm (100.2 in. Axle Oil (each) Front Rear Hydraulic Reservoir Park Brake Oil (wet	ard sun-shaft mounte ounted, sealed wet mu) r and Filter disc)	ed, oil coole ulti disc 16.6 L (17. 18 L (19 q 82.1 L (21 0.3 L (10	ed, single disc 5 qt.) _l t.) 7 gal.)
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Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 24 for complete tire ad Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability Refill Capacities Fuel Tank (with lockable cap) Cooling System Diesel Exhaust Fluid (DEF) Engine Oil with Vertical Spin-On Filter Transmission Reservoir with Vertical Filter Hydraulic System/Steering Pump (loader and steering) Maximum Rated Flow at 6895 kPa	Hydraulic locking front with co 24 deg. (12 deg. each direction Hydraulically actuated, spring Automatic spring applied, hyd <i>justments)</i> <i>Tread Width</i> 1950 mm (76.8 in.) 298 L (79 gal.) 29.9 L (31.6 qt.) 15.6 L (16.5 qt.) 19.5 L (20.6 qt.) 21 L (22.2 qt.) Variable-displacement, axial-p	-retracted raulically r	al rear — standard; du , self-adjusting inboa eleased, driveline mo <i>Width Over Tires</i> 2546 mm (100.2 in. 2546 mm (100.2 in. Axle Oil (each) Front Rear Hydraulic Reservoir Park Brake Oil (wet	ard sun-shaft mounte ounted, sealed wet mu) r and Filter disc)	ed, oil coole ulti disc 16.6 L (17. 18 L (19 q 82.1 L (21 0.3 L (10	ed, single disc 5 qt.) _l t.) 7 gal.)
Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels <i>(see page 24 for complete tire ad</i> Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability Refill Capacities Fuel Tank (with lockable cap) Cooling System Diesel Exhaust Fluid (DEF) Engine Oil with Vertical Spin-On Filter Transmission Reservoir with Vertical Filter Hydraulic System/Steering Pump (loader and steering) Maximum Rated Flow at 6895 kPa (1,000 psi) and 2,200 rpm System Relief Pressure (loader and	Hydraulic locking front with co 24 deg. (12 deg. each direction Hydraulically actuated, spring Automatic spring applied, hyd <i>fjustments)</i> Tread Width 1950 mm (76.8 in.) 298 L (79 gal.) 29.9 L (31.6 qt.) 15.6 L (16.5 qt.) 19.5 L (20.6 qt.) 21 L (22.2 qt.) Variable-displacement, axial-p 220 L/m (58 gpm)	-retracted raulically r	al rear — standard; du , self-adjusting inboa eleased, driveline mo <i>Width Over Tires</i> 2546 mm (100.2 in. 2546 mm (100.2 in. Axle Oil (each) Front Rear Hydraulic Reservoir Park Brake Oil (wet	ard sun-shaft mounte ounted, sealed wet mu) r and Filter disc)	ed, oil coole ulti disc 16.6 L (17. 18 L (19 q 82.1 L (21 0.3 L (10	ed, single disc 5 qt.) _l t.) 7 gal.)
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Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels <i>(see page 24 for complete tire ad</i> Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability Refill Capacities Fuel Tank (with lockable cap) Cooling System Diesel Exhaust Fluid (DEF) Engine Oil with Vertical Spin-On Filter Transmission Reservoir with Vertical Filter Hydraulic System/Steering Pump (loader and steering) Maximum Rated Flow at 6895 kPa (1,000 psi) and 2,200 rpm System Relief Pressure (loader and steering)	Hydraulic locking front with co 24 deg. (12 deg. each direction Hydraulically actuated, spring Automatic spring applied, hyd <i>fjustments)</i> Tread Width 1950 mm (76.8 in.) 298 L (79 gal.) 29.9 L (31.6 qt.) 15.6 L (16.5 qt.) 19.5 L (20.6 qt.) 21 L (22.2 qt.) Variable-displacement, axial-p 220 L/m (58 gpm)	onventiona -retracted raulically r	al rear — standard; du , self-adjusting inboa eleased, driveline mo <i>Width Over Tires</i> 2546 mm (100.2 in. Axle Oil (each) Front Rear Hydraulic Reservoir Park Brake Oil (wet	ard sun-shaft mounte punted, sealed wet mu) r and Filter disc) ssure-compensating	ed, oil coole ulti disc 16.6 L (17. 18 L (19 q 82.1 L (21 0.3 L (10 system	ed, single disc 5 qt.) (t.) 7 gal.) oz.)
Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 24 for complete tire and Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability Refill Capacities Fuel Tank (with lockable cap) Cooling System Diesel Exhaust Fluid (DEF) Engine Oil with Vertical Spin-On Filter Transmission Reservoir with Vertical Filter Hydraulic System/Steering Pump (loader and steering) Maximum Rated Flow at 6895 kPa (1,000 psi) and 2,200 rpm System Relief Pressure (loader and steering) Loader Controls	Hydraulic locking front with co 24 deg. (12 deg. each direction Hydraulically actuated, spring Automatic spring applied, hyd <i>justments)</i> <i>Tread Width</i> 1950 mm (76.8 in.) 298 L (79 gal.) 29.9 L (31.6 qt.) 15.6 L (16.5 qt.) 19.5 L (20.6 qt.) 21 L (22.2 qt.) Variable-displacement, axial-p 220 L/m (58 gpm) 25 166 kPa (3,650 psi) 2-function valve, joystick cont valve with auxiliary lever	onventiona -retracted raulically r biston pum trol or fing	al rear — standard; du , self-adjusting inboa eleased, driveline mo <i>Width Over Tires</i> 2546 mm (100.2 in. Axle Oil (each) Front Rear Hydraulic Reservoin Park Brake Oil (wet p; closed-center, pre ertip controls, hydrau	ard sun-shaft mounte ounted, sealed wet mu) r and Filter disc) ssure-compensating ulic-function enable/o	ed, oil coole alti disc 16.6 L (17. 18 L (19 q 82.1 L (21 0.3 L (10 system disable, op	ed, single disc 5 qt.) (t.) 7 gal.) oz.)
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Dimensions and Specifications with Pin-On Bucket

544L Z-BAR / HIGH-LIFT / HIGH-LIFT PLUS



544L Z-BAR / HIGH-LIFT / HIGH-LIFT PLUS LOADERS WITH PIN-ON BUCKET WITH BOLT-ON EDGE

	Z-Bar	Z-Bar	High-Lift	High-Lift	High-Lift Plus	High-Lift Plus
	2.3-m³ (3.0 cu. yd.)	2.5-m³ (3.25 cu. yd.)	2.1-m³ (2.75 cu. yd.)	2.3-m³ (3.0 cu. yd.)	2.1-m³ (2.75 cu. yd.)	2.3-m³ (3.0 cu. yd.)
Dimensions with Bucket with Bolt-On Edge	general purpose	general purpose	general purpose	general purpose	general purpose	general purpose
A Height to Top of Cab	3.33 m (10 ft. 11 in.)	3.33 m (10 ft. 11 in.)	3.33 m (10 ft. 11 in.)	3.33 m (10 ft. 11 in.)	3.33 m (10 ft. 11 in.)	3.33 m (10 ft. 11 in.)
B Hood Height	2.375 m (7 ft. 9 in.)	2.375 m (7 ft. 9 in.)	2.375 m (7 ft. 9 in.)	2.375 m (7 ft. 9 in.)	2.375 m (7 ft. 9 in.)	2.375 m (7 ft. 9 in.)
C Ground Clearance	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)
D Length from Centerline to Front Axle	1.45 m (4 ft. 9 in.)	1.45 m (4 ft. 9 in.)	1.45 m (4 ft. 9 in.)	1.45 m (4 ft. 9 in.)	1.45 m (4 ft. 9 in.)	1.45 m (4 ft. 9 in.)
E Wheelbase	2.93 m (9 ft. 7 in.)	2.93 m (9 ft. 7 in.)	2.93 m (9 ft. 7 in.)	2.93 m (9 ft. 7 in.)	2.93 m (9 ft. 7 in.)	2.93 m (9 ft. 7 in.)
F Overall Length, Bucket on Ground	7.49 m (24 ft. 7 in.)	7.49 m (24 ft. 7 in.)	7.80 m (25 ft. 7 in.)	7.88 m (25 ft. 10 in.)	8.17 m (26 ft. 10 in.)	8.25 m (27 ft. 1 in.)
G Height to Hinge Pin, Fully Raised	3.89 m (12 ft. 9 in.)	3.89 m (12 ft. 9 in.)	4.17 m (13 ft. 8 in.)	4.17 m (13 ft. 8 in.)	4.49 m (14 ft. 9 in.)	4.49 m (14 ft. 9 in.)
H Dump Clearance, 45 deg., Full Height	2.80 m (9 ft. 2 in.)	2.80 m (9 ft. 2 in.)	3.14 m (10 ft. 4 in.)	3.09 m (10 ft. 2 in.)	3.47 m (11 ft. 4 in.)	3.41 m (11 ft. 2 in.)
I Reach, 45-deg. Dump, Full Height	1.01 m (3 ft. 4 in.)	1.01 m (3 ft. 4 in.)	1.09 m (3 ft. 7 in.)	1.14 m (3 ft. 9 in.)	1.13 m (3 ft. 8 in.)	1.19 m (3 ft. 11 in.)
J Reach, 45-deg. Dump, 2.13-m (7 ft.	1.51 m (4 ft. 11 in.)	1.51 m (4 ft. 11 in.)	1.81 m (5 ft. 11 in.)	1.84 m (6 ft. 0 in.)	2.10 m (6 ft. 11 in.)	2.14 m (7 ft. 0 in.)
0 in.) Clearance						
K Maximum Digging Depth	0.1 m (4 in.)	0.1 m (4 in.)	0.19 m (8 in.)	0.2 m (8 in.)	0.2 m (8 in.)	0.2 m (8 in.)
L Maximum Rollback at Ground Level	44 deg.	44 deg.	48 deg.	48 deg.	49 deg.	49 deg.
M Maximum Rollback, Boom Fully Raised	60 deg.	60 deg.	60 deg.	60 deg.	61 deg.	61 deg.
N Maximum Bucket Dump Angle, Fully Raised	48 deg.	48 deg.	46 deg.	46 deg.	45 deg.	45 deg.
Loader Clearance Circle, Bucket Carry Position	11.46 m (37 ft. 7 in.)	11.58 m (38 ft. 0 in.)	11.68 m (38 ft. 4 in.)	11.7 m (38 ft. 5 in.)	12.16 m (39 ft. 11 in.)	12.20 m (40 ft. 0 in.)
Specifications with Bucket with Bolt-On Edge						
Capacity, Heaped	2.3 m³ (3.0 cu. yd.)	2.5 m³ (3.25 cu. yd.)	2.1 m³ (2.75 cu. yd.)	2.3 m³ (3.0 cu. yd.)	2.1 m³ (2.75 cu. yd.)	2.3 m³ (3.0 cu. yd.)
Capacity, Struck	1.9 m³ (2.5 cu. yd.)	2.1 m ³ (2.7 cu. yd.)	1.7 m ³ (2.3 cu. yd.)	1.9 m³ (2.5 cu. yd.)	1.7 m ³ (2.3 cu. yd.)	1.9 m ³ (2.5 cu. yd.)
Bucket Weight with Bolt-On Cutting Edge	1095 kg (2,415 lb.)	1131 kg (2,493 lb.)	1056 kg (2,327 lb.)	1095 kg (2,415 lb.)	1056 kg (2,327 lb.)	1095 kg (2,415 lb.)
Bucket Width	2.54 m (8 ft. 4 in.)	2.68 m (8 ft. 10 in.)	2.55 m (8 ft. 4 in.)	2.54 m (8 ft. 4 in.)	2.55 m (8 ft. 4 in.)	2.54 m (8 ft. 4 in.)
Breakout Force	13 166 kg (29,026 lb.)	13 145 kg (28,979 lb.)	13 983 kg (30,827 lb.)	13 005 kg (28,672 lb.)	14 138 kg (31,168 lb.)	13 149 kg (28,988 lb.
Tipping Load, Straight, No Tire Deflection	11 139 kg (24,557 lb.)	11 097 kg (24,464 lb.)	9699 kg (21,384 lb.)	9591 kg (21,145 lb.)	8630 kg (19,026 lb.)	8537 kg (18,820 lb.)
Tipping Load, Straight, with Tire Deflection	10 533 kg (23,221 lb.)	10 491 kg (23,129 lb.)	9231 kg (20,351 lb.)	9120 kg (20,106 lb.)	8244 kg (18,175 lb.)	8145 kg (17,957 lb.)
Tipping Load, 40-deg. Full Turn, No Tire	9653 kg (21,281 lb.)	9612 kg (21,190 lb.)	8374 kg (18,460 lb.)	8274 kg (18,241 lb.)	7410 kg (16,336 lb.)	7323 kg (16,145 lb.)
Deflection	5	5	5	5	5	5
Tipping Load, 40-deg. Full Turn, with Tire	8865 kg (19,544 lb.)	8823 kg (19,451 lb.)	7755 kg (17,097 lb.)	7650 kg (16,865 lb.)	6891 kg (15,192 lb.)	6807 kg (15,007 lb.)
Deflection	3	5	5	5	5	5
Rated Operating Load, 50% Full-Turn Tipping	4827 kg (10,641 lb.)	4806 kg (10,595 lb.)	4187 kg (9,230 lb.)	4137 kg (9,120 lb.)	3705 kg (8,168 lb.)	3662 kg (8,073 lb.)
Load, No Tire Deflection (conforms to	-	-	-	-	-	-
ISO 14397-1)*						
Rated Operating Load, 50% Full-Turn Tipping	4433 kg (9,772 lb.)	4412 kg (9,726 lb.)	3878 kg (8,548 lb.)	3825 kg (8,433 lb.)	3446 kg (7,596 lb.)	3404 kg (7,503 lb.)
Load, with Tire Deflection (conforms to						2
ISO 14397-1)*						
Operating Weight	13 844 kg (30,520 lb.)	13 879 kg (30,598 lb.)	13 992 kg (30,847 lb.)	14 032 kg (30,935 lb.)	14 178 kg (31,257 lb.)	14 218 kg (31,345 lb.)
Loader operating information is based on me	J · · ·	J · · ·	2	3	J	2

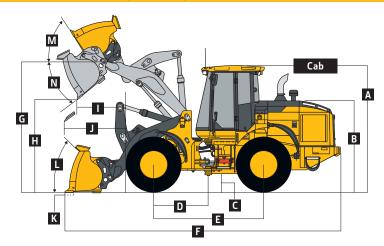
Loader operating information is based on machine with identified linkage and standard equipment, PowerTech PVS 6068 (EPA Final Tier 4/EU Stage V) engine, ROPS cab, rear cast bumper/ counterweight, transmission side-frame guards, bottom guards, standard tires, full fuel tank, and 79-kg (175 lb.) operator. This information is affect by changes in tires, ballast, and different attachments.

*Rated operating capacity based on Deere attachments only.

544L

Dimensions and Specifications with Hi-Vis Coupler and Hook-On Bucket

544L Z-BAR / HIGH-LIFT / HIGH-LIFT PLUS



544L Z-BAR / HIGH-LIFT / HIGH-LIFT PLUS LOADERS WITH HI-VIS COUPLER AND HOOK-ON BUCKET WITH BOLT-ON EDGE

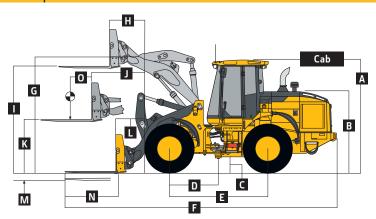
	Z-Bar	Z-Bar	Z-Bar	High-Lift	High-Lift	High-Lift	High-Lift Plus	High-Lift Plus
	2.3-m ³	2.5-m ³		2.1-m ³	2.3-m ³	5	1.9-m ³	5
	(3.0 cu. yd.)	(3.25 cu. yd.)	3.4-m ³	(2.75 cu. yd.)	(3.0 cu. yd.)	3.1-m ³	(2.5 cu. yd.)	3.1-m ³
	general	general	(4.5 cu. yd.)	general	general	(4.0 cu. yd.)	general	(4.0 cu. yd.)
Dimensions with Bucket with Bolt-On Edge	purpose	purpose	light material	purpose	purpose	light material	purpose	light material
A Height to Top of Cab	3.33 m	3.33 m	3.33 m	3.33 m	3.33 m	3.33 m	3.33 m	3.33 m
	(10 ft. 11 in.)	(10 ft. 11 in.)	(10 ft. 11 in.)	(10 ft. 11 in.)	(10 ft. 11 in.)	(10 ft. 11 in.)	(10 ft. 11 in.)	(10 ft. 11 in.)
B Hood Height	2.375 m	2.375 m	2.375 m	2.375 m	2.375 m	2.375 m	2.375 m	2.375 m
	(7 ft. 9 in.)	(7 ft. 9 in.)	(7 ft. 9 in.)	(7 ft. 9 in.)	(7 ft. 9 in.)	(7 ft. 9 in.)	(7 ft. 9 in.)	(7 ft. 9 in.)
C Ground Clearance	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)
D Length from Centerline to Front Axle	1.45 m	1.45 m	1.45 m	1.45 m	1.45 m	1.45 m	1.45 m	1.45 m
	(4 ft. 9 in.)	(4 ft. 9 in.)	(4 ft. 9 in.)	(4 ft. 9 in.)	(4 ft. 9 in.)	(4 ft. 9 in.)	(4 ft. 9 in.)	(4 ft. 9 in.)
E Wheelbase	2.93 m	2.93 m	2.93 m	2.93 m	2.93 m	2.93 m	2.93 m	2.93 m
	(9 ft. 7 in.)	(9 ft. 7 in.)	(9 ft. 7 in.)	(9 ft. 7 in.)	(9 ft. 7 in.)	(9 ft. 7 in.)	(9 ft. 7 in.)	(9 ft. 7 in.)
F Overall Length, Bucket on Ground	7.56 m	7.64 m	7.83 m	7.95 m	7.95 m	8.08 m	8.23 m	8.45 m
G Height to Hinge Pin, Fully Raised	(24 ft. 10 in.) 3.89 m	(25 ft. 1 in.) 3.89 m	(25 ft. 8 in.) 3.89 m	(26 ft. 1 in.) 4.17 m	(26 ft. 1 in.) 4.17 m	(26 ft. 6 in.) 4.17 m	(27 ft. 0 in.) 4.49 m	(27 ft. 9 in.) 4.49 m
G Theight to thinge Fill, I dily Raised	(12 ft. 9 in.)	(12 ft. 9 in.)	(12 ft. 9 in.)	(13 ft. 8 in.)	(13 ft. 8 in.)	(13 ft. 8 in.)	(14 ft. 9 in.)	(14 ft. 9 in.)
H Dump Clearance, 45 deg., Full Height	2.76 m	2.70 m	2.58 m	3.04 m	3.04 m	2.96 m	3.43 m	3.28 m
n Dump clearance, 45 deg., run neight	(9 ft. 1 in.)	(8 ft. 10 in.)	(8 ft. 6 in.)	(10 ft. 0 in.)	(10 ft. 0 in.)	(9 ft. 9 in.)	(11 ft. 3 in.)	(10 ft. 9 in.)
I Reach, 45-deg. Dump, Full Height	1.06 m	1.12 m	1.25 m	1.19 m	1.19 m	1.29 m	1.17 m	1.33 m
· · · · · · · · · · · · · · · · · · ·	(3 ft. 6 in.)	(3 ft. 8 in.)	(4 ft. 1 in.)	(3 ft. 11 in.)	(3 ft. 11 in.)	(4 ft. 3 in.)	(3 ft. 10 in.)	(4 ft. 5 in.)
J Reach, 45-deg. Dump, 2.13-m (7 ft. 0 in.)	1.54 m	1.56 m	1.62 m	1.87 m	1.87 m	1.92 m	2.13 m	2.23 m
Clearance	(5 ft. 1 in.)	(5 ft. 1 in.)	(5 ft. 4 in.)	(6 ft. 2 in.)	(6 ft. 2 in.)	(6 ft. 4 in.)	(7 ft. 0 in.)	(7 ft. 4 in.)
K Maximum Digging Depth	0.1 m (4 in.)	0.11 m (4 in.)	0.11 m (5 in.)	0.2 m (8 in.)	0.2 m (8 in.)	0.2 m (8 in.)	0.2 m (8 in.)	0.21 m (8 in.)
L Maximum Rollback at Ground Level	44 deg.	44 deg.	44 deg.	48 deg.	48 deg.	48 deg.	49 deg.	49 deg.
M Maximum Rollback, Boom Fully Raised	60 deg.	60 deg.	60 deg.	60 deg.	60 deg.	60 deg.	61 deg.	61 deg.
N Maximum Bucket Dump Angle, Fully Raised	48 deg.	48 deg.	48 deg.	46 deg.	46 deg.	46 deg.	45 deg.	45 deg.
Loader Clearance Circle, Bucket Carry Position	11.60 m	11.60 m	11.88 m	11.78 m	11.86 m	12.22 m	12.12 m	12.62 m
	(38 ft. 1 in.)	(38 ft. 0 in.)	(39 ft. 0 in.)	(38 ft. 8 in.)	(38 ft. 11 in.)	(40 ft. 1 in.)	(39 ft. 9 in.)	(41 ft. 5 in.)
Specifications with Bucket with Bolt-On Edge	-		-			-		-
Capacity, Heaped	2.3 m ³	2.5 m ³	3.4 m ³	2.1 m ³	2.3 m ³	3.1 m ³	1.9 m ³	3.1 m ³
	(3.0 cu. yd.)	(3.25 cu. yd.)	(4.5 cu. yd.)	(2.75 cu. yd.)	(3.0 cu. yd.)	(4.0 cu. yd.)	(2.5 cu. yd.)	(4.0 cu. yd.)
Capacity, Struck	1.9 m ³	2.1 m ³	2.9 m ³	1.9 m ³	1.9 m ³	2.5 m ³	1.6 m ³	2.5 m ³
Bucket Weight with Bolt-On Cutting Edge	(2.4 cu. yd.) 1489 kg	(2.7 cu. yd.) 1537 kg	(3.8 cu. yd.) 1747 kg	(2.4 cu. yd.) 1454 kg	(2.4 cu. yd.) 1489 kg	(3.3 cu. yd.) 1683 kg	(2.1 cu. yd.) 1385 kg	(3.3 cu. yd.) 1683 kg
Bucket weight with Boit-Off Cutting Edge	(3,283 lb.)	(3,388 lb.)	(3,850 lb.)	(3,205 lb.)	(3,283 lb.)	(3,711 lb.)	(3,052 lb.)	(3,711 lb.)
Bucket Width	2.68 m	2.68 m	2.89 m	2.55 m	2.68 m	2.89 m	2.55 m	2.89 m
Bucket Width	(8 ft. 10 in.)	(8 ft. 10 in.)	(9 ft. 6 in.)	(8 ft. 4 in.)	(8 ft. 10 in.)	(9 ft. 6 in.)	(8 ft. 4 in.)	(9 ft. 6 in.)
Breakout Force	12 307 kg	11 539 kg	10 013 kg	12 179 kg	12 155 kg	10 907 kg	13 305 kg	11 028 kg
Dicaloutionee	(27,131 lb.)	(25,439 lb.)	(22,074 lb.)	(26,849 lb.)	(26,797 lb.)	(24,045 lb.)	(29,333 lb.)	(24,313 lb.)
Tipping Load, Straight, No Tire Deflection	10 362 kg	10 250 kg	9912 kg	8963 kg	8910 kg	8663 kg	8085 kg	7679 kg
	(22,844 lb.)	(22,597 lb.)	(21,853 lb.)	(19,759 lb.)	(19,642 lb.)	(19,099 lb.)	(17,825 lb.)	(16,614 lb.)
Tipping Load, Straight, with Tire Deflection	9789 kg	9675 kg	9321 kg	8508 kg	8460 kg	8199 kg	7713 kg	7290 kg
	(21,581 lb.)	(21,330 lb.)	(20,549 lb.)	(18,757 lb.)	(18,651 lb.)	(18,076 lb.)	(17,004 lb.)	(15,774 lb.)

Dimensions and Specifications with Hi-Vis Coupler and Hook-On Bucket								
(continued)	544L Z-BAR /	HIGH-LIFT / HI	GH-LIFT PLUS					
	Z-Bar	Z-Bar	Z-Bar	High-Lift	High-Lift	High-Lift	High-Lift Plus	High-Lift Plus
	2.3-m ³	2.5-m ³		2.1-m ³	2.3-m ³		1.9-m³	
	(3.0 cu. yd.)	(3.25 cu. yd.)	3.4-m ³	(2.75 cu. yd.)	(3.0 cu. yd.)	3.1-m ³	(2.5 cu. yd.)	3.1-m ³
Specifications with Bucket with Bolt-On	general	general	(4.5 cu. yd.)	general	general	(4.0 cu. yd.)	general	(4.0 cu. yd.)
Edge (continued)	purpose	purpose	light material	purpose	purpose	light material	purpose	light material
Tipping Load, 40-deg. Full Turn, No Tire Deflection	8931 kg (19,690 lb.)	8827 kg (19,459 lb.)	8499 kg (18,736 lb.)	7686 kg (16,945 lb.)	7635 kg (16,833 lb.)	7390 kg (16,293 lb.)	6899 kg (15,209 lb.)	6501 kg (14,040 lb.)
Tipping Load, 40-deg. Full Turn, with Tire Deflection	8181 kg (18,036 lb.)	8073 kg (17,798 lb.)	7731 kg (17,044 lb.)	7083 kg (15,615 lb.)	7035 kg (15,510 lb.)	6771 kg (14,927 lb.)	6393 kg (14,094 lb.)	5988 kg (12,884 lb.)
Rated Operating Load, 50% Full-Turn Tipping Load, No Tire Deflection (conforms to ISO 14397-1)*	4466 kg (9,845 lb.)	4413 kg (9,730 lb.)	4249 kg (9,368 lb.)	3843 kg (8,473 lb.)	3818 kg (8,417 lb.)	3695 kg (8,146 lb.)	3449 kg (7,604 lb.)	3251 kg (7,020 lb.)
Rated Operating Load, 50% Full-Turn Tipping Load, with Tire Deflection (conforms to ISO 14397-1)*	4091 kg (9,018 lb.)	4037 kg (8,899 lb.)	3866 kg (8,522 lb.)	3542 kg (7,808 lb.)	3518 kg (7,755 lb.)	3386 kg (7,464 lb.)	3197 kg (7,047 lb.)	2994 kg (6,442 lb.)
Operating Weight	14 258 kg (31,433 lb.)	14 305 kg (31,538 lb.)	14 515 kg (32,000 lb.)	14 411 kg (31,771 lb.)	14 446 kg (31,849 lb.)	14 641 kg (32,277 lb.)	14 528 kg (32,029 lb.)	14 827 kg (32,827 lb.)

Loader operating information is based on machine with identified linkage and standard equipment, PowerTech PVS 6068 (EPA Final Tier 4/EU Stage V) engine, ROPS cab, rear cast bumper/ counterweight, transmission side-frame guards, bottom guards, standard tires, full fuel tank, and 79-kg (175 lb.) operator. This information is affected by changes in tires, ballast, and different attachments.

*Rated operating capacity based on Deere attachments only.

Dimensions and Specifications with Hi-Vis Coupler and Hook-On Construction Forks



544L Z-BAR / HIGH-LIFT / HIGH-LIFT PLUS LOADERS WITH HI-VIS COUPLER AND HOOK-ON CONSTRUCTION FORKS

	Z-Bar	Z-Bar	High-Lift	High-Lift	High-Lift Plus	High-Lift Plus
	1.52-m (60 in.)	1.83-m (72 in.)	1.52-m (60 in.)	1.83-m (72 in.)	1.52-m (60 in.)	1.83-m (72 in.)
Dimensions with Forks	tine length					
A Height to Top of Cab	3.33 m (10 ft. 11 in.)					
B Hood Height	2.375 m (7 ft. 9 in.)					
C Ground Clearance	0.40 m (15.7 in.)					
D Length from Centerline to Front Axle	1.45 m (4 ft. 9 in.)					
E Wheelbase	2.93 m (9 ft. 7 in.)					
F Overall Length, Forks on Ground	8.29 m (27 ft. 2 in.)	8.59 m (28 ft. 2 in.)	8.68 m (28 ft. 6 in.)	8.98 m (29 ft. 6 in.)	9.04 m (29 ft. 8 in.)	9.35 m (30 ft. 8 in.)
G Height to Hinge Pin, Fully Raised	3.89 m (12 ft. 9 in.)	3.89 m (12 ft. 9 in.)	4.17 m (13 ft. 8 in.)	4.17 m (13 ft. 8 in.)	4.49 m (14 ft. 9 in.)	4.49 m (14 ft. 9 in.)
H Reach, Fully Raised	0.80 m (31 in.)	0.80 m (31 in.)	0.92 m (3 ft. 0 in.)	0.92 m (3 ft. 0 in.)	0.97 m (3 ft. 2 in.)	0.97 m (3 ft. 2 in.)
I Fork Height, Fully Raised	2.79 m (9 ft. 2 in.)	2.79 m (9 ft. 2 in.)	3.08 m (10 ft. 1 in.)	3.08 m (10 ft. 1 in.)	3.40 m (11 ft. 2 in.)	3.40 m (11 ft. 2 in.)
J Maximum Reach, Fork Level	1.57 m (5 ft. 2 in.)	1.57 m (5 ft. 2 in.)	1.87 m (6 ft. 2 in.)	1.87 m (6 ft. 2 in.)	2.14 m (7 ft. 0 in.)	2.14 m (7 ft. 0 in.)
K Fork Height, Maximum Reach	1.24 m (4 ft. 1 in.)					
L Reach, Ground Level	1.05 m (3 ft. 5 in.)	1.05 m (3 ft. 5 in.)	1.41 m (4 ft. 8 in.)	1.41 m (4 ft. 8 in.)	1.73 m (5 ft. 8 in.)	1.73 m (5 ft. 8 in.)
M Depth Below Ground	0.11 m (4 in.)	0.11 m (4 in.)	0.21 m (8 in.)	0.21 m (8 in.)	0.21 m (8 in.)	0.22 m (8 in.)
N Tine Length	1.52 m (60 in.)	1.83 m (72 in.)	1.52 m (60 in.)	1.83 m (72 in.)	1.52 m (60 in.)	1.83 m (72 in.)
0 Load Position, 50% Tine Length	0.76 m (30 in.)	0.91 m (3 ft. 0 in.)	0.76 m (30 in.)	0.91 m (3 ft. 0 in.)	0.76 m (30 in.)	0.91 m (3 ft. 0 in.)

Construction Forks (continued)	544L Z-BAR / HIGH	I-LIFT / HIGH-LIFT I	PLUS			
	Z-Bar	Z-Bar	High-Lift	High-Lift	High-Lift Plus	High-Lift Plus
	1.52-m (60 in.)	1.83-m (72 in.)	1.52-m (60 in.)	1.83-m (72 in.)	1.52-m (60 in.)	1.83-m (72 in.)
Specifications with Forks	tine length	tine length	tine length	tine length	tine length	tine length
Tipping Load, Straight, No Tire Deflection	7263 kg (16,013 lb.)	6852 kg (15,107 lb.)	6480 kg (14,287 lb.)	6132 kg (13,520 lb.)	5909 kg (13,027 lb.)	5604 kg (12,355 lb
Tipping Load, Straight, with Tire Deflection	7068 kg (15,582 lb.)	6669 kg (14,703 lb.)	6309 kg (13,909 lb.)	5973 kg (13,168 lb.)	5751 kg (12,679 lb.)	5451 kg (12,017 lb
Tipping Load, 40-deg. Full Turn, No Tire Deflection	6261 kg (13,804 lb.)	5897 kg (13,001 lb.)	5556 kg (12,249 lb.)	5248 kg (11,569 lb.)	5033 kg (11,096 lb.)	4763 kg (10,501 lb
Tipping Load, 40-deg. Full Turn, with Tire Deflection	5991 kg (13,208 lb.)	5649 kg (12,454 lb.)	5319 kg (11,726 lb.)	5031 kg (11,091 lb.)	4830 kg (10,648 lb.)	4566 kg (10,066 lb
Rated Operating Load, 50% Full-Turn Tipping Load, with Tire Deflection (conforms to ISO 14397-1 and SAE J1197)*	2996 kg (6,604 lb.)	2825 kg (6,227 lb.)	2660 kg (5,863 lb.)	2516 kg (5,546 lb.)	2415 kg (5,324 lb.)	2283 kg (5,033 lb
Rated Operating Load, Rough Terrain, 60% Full-Turn Tipping Load, with Tire Deflection (conforms to EN474-3)*	3595 kg (7,925 lb.)	3389 kg (7,472 lb.)	3191 kg (7,036 lb.)	3019 kg (6,655 lb.)	2898 kg (6,389 lb.)	2740 kg (6,040 lb
Rated Operating Load, Firm and Level Ground, 80% Full-Turn Tipping Load, with Tire Deflection (conforms to EN474-3)*	4793 kg (10,566 lb.)	4519 kg (9,963 lb.)	4255 kg (9,381 lb.)	4025 kg (8,873 lb.)	3864 kg (8,519 lb.)	3653 kg (8,053 lb
Operating Weight	14 108 kg (31,103 lb.)	14 168 kg (31,236 lb.)	14 297 kg (31,520 lb.)	14 357 kg (31,652 lb.)	14 483 kg (31,930 lb.)	14 544 kg (32,063 lb.)
cab, rear cast bumper/counterweight, a affected by changes in tires, ballast, au *Rated operating capacity based on Deer	nd different attachme		uurus, stunuuru tires,	Tull Tuer Lurik, und 75	-kg (175 lb.) operator.	
Adjustments to Operating Weights and		luckets				
Adjustments to operating weights, tippi			chine with pin-on 2.3	-m³ (3.0 cu. yd.) gene	ral-purpose bucket v	vith bolt-on cuttir
	ng loads, and tires ar	e based on Z-Bar ma				
edge, ROPS cab, rear cast bumper/count	ng loads, and tires ar	e based on Z-Bar ma				
edge, ROPS cab, rear cast bumper/count Add (+) or deduct (–) kg (lb.) as indicated for loaders with 3-piece rims	ng loads, and tires ar terweight, transmiss Operating Weight	e based on Z-Bar mae ion side-frame guare	ds, bottom guards, s Tipping Load, 40-deg. Full Turn	tandard tires, full fue Tread Width	el tank, and 79-kg (17 Width Over Tires	'5 lb.) operator* <i>Vertical Height</i>
edge, ROPS cab, rear cast bumper/count Add (+) or deduct (–) kg (lb.) as indicated for loaders with 3-piece rims Michelin 20.5 R 25, 1 Star L-3 XHA2	ng loads, and tires ar terweight, transmiss Operating Weight Okg (Olb.)	e based on Z-Bar mad ion side-frame guard Tipping Load, Straight O kg (O Ib.)	ds, bottom guards, st Tipping Load, 40-deg. Full Turn 0 kg (0 lb.)	tandard tires, full fue Tread Width O mm (O in.)	el tank, and 79-kg (17 Width Over Tires O mm (0 in.)	5 lb.) operator* <i>Vertical Height</i> 0 mm (0 in.)
edge, ROPS cab, rear cast bumper/count Add (+) or deduct (–) kg (lb.) as indicated for loaders with 3-piece rims Michelin 20.5 R 25, 1 Star L-3 XHA2 Bridgestone 20.5 R 25, 1 Star L-3 VJT	ng loads, and tires ar terweight, transmiss Operating Weight O kg (O lb.) +4 kg (+9 lb.)	e based on Z-Bar mad ion side-frame guard Tipping Load, Straight O kg (O lb.) +3 kg (+6 lb.)	ds, bottom guards, st Tipping Load, 40-deg. Full Turn 0 kg (0 lb.) +2 kg (+5 lb.)	tandard tires, full fue Tread Width 0 mm (0 in.) 0 mm (0 in.)	el tank, and 79-kg (17 Width Over Tires 0 mm (0 in.) +2 mm (+0.1 in.)	5 lb.) operator* <i>Vertical Height</i> 0 mm (0 in.) –41 mm (–1.6 in.)
edge, ROPS cab, rear cast bumper/count Add (+) or deduct (–) kg (lb.) as indicated for loaders with 3-piece rims Michelin 20.5 R 25, 1 Star L-3 XHA2 Bridgestone 20.5 R 25, 1 Star L-3 VJT Fitan 20.5 R 25, 1 Star L-3 STL3	ng loads, and tires ar terweight, transmiss Operating Weight 0 kg (0 lb.) +4 kg (+9 lb.) +11 kg (+23 lb.)	e based on Z-Bar mac ion side-frame guard <i>Tipping Load,</i> <i>Straight</i> 0 kg (0 lb.) +3 kg (+6 lb.) +7 kg (+16 lb.)	ds, bottom guards, si Tipping Load, 40-deg. Full Turn 0 kg (0 lb.) +2 kg (+5 lb.) +7 kg (+14 lb.)	tandard tires, full fue Tread Width O mm (O in.) O mm (O in.) O mm (O in.)	el tank, and 79-kg (17 Width Over Tires 0 mm (0 in.) +2 mm (+0.1 in.) -7 mm (-0.3 in.)	5 lb.) operator* <i>Vertical Height</i> 0 mm (0 in.) –41 mm (–1.6 in.) –5 mm (–0.2 in.)
edge, ROPS cab, rear cast bumper/count Add (+) or deduct (-) kg (lb.) as indicated for loaders with 3-piece rims Michelin 20.5 R 25, 1 Star L-3 XHA2 Bridgestone 20.5 R 25, 1 Star L-3 VJT Fitan 20.5 R 25, 1 Star L-3 STL3 Michelin 20.5 R 25, 1 Star L-2 XTLA	ng loads, and tires ar terweight, transmiss Operating Weight 0 kg (0 lb.) +4 kg (+9 lb.) +11 kg (+23 lb.) -152 kg (-335 lb.)	e based on Z-Bar mad ion side-frame guard <i>Tipping Load,</i> <i>Straight</i> 0 kg (0 lb.) +3 kg (+6 lb.) +7 kg (+16 lb.) –107 kg (–235 lb.)	ds, bottom guards, si Tipping Load, 40-deg. Full Turn 0 kg (0 lb.) +2 kg (+5 lb.) +7 kg (+14 lb.) -94 kg (-207 lb.)	tandard tires, full fue <i>Tread Width</i> 0 mm (0 in.) 0 mm (0 in.) 0 mm (0 in.) 0 mm (0 in.)	el tank, and 79-kg (17 Width Over Tires 0 mm (0 in.) +2 mm (+0.1 in.) -7 mm (-0.3 in.) +4 mm (+0.2 in.)	'5 lb.) operator* Vertical Height 0 mm (0 in.) -41 mm (-1.6 in.) -5 mm (-0.2 in.) -11 mm (-0.4 in.)
edge, ROPS cab, rear cast bumper/count Add (+) or deduct (-) kg (lb.) as indicated for loaders with 3-piece rims Michelin 20.5 R 25, 1 Star L-3 XHA2 Bridgestone 20.5 R 25, 1 Star L-3 VJT Fitan 20.5 R 25, 1 Star L-3 STL3 Michelin 20.5 R 25, 1 Star L-2 XTLA Bridgestone 20.5 R 25, 1 Star L-2 VUT	ng loads, and tires ar terweight, transmiss Operating Weight 0 kg (0 lb.) +4 kg (+9 lb.) +11 kg (+23 lb.) -152 kg (-335 lb.) -65 kg (-144 lb.)	e based on Z-Bar mad ion side-frame guard <i>Tipping Load,</i> <i>Straight</i> 0 kg (0 lb.) +3 kg (+6 lb.) +7 kg (+16 lb.) -107 kg (-235 lb.) -46 kg (-101 lb.)	ds, bottom guards, si Tipping Load, 40-deg. Full Turn 0 kg (0 lb.) +2 kg (+5 lb.) +7 kg (+14 lb.) -94 kg (-207 lb.) -40 kg (-89 lb.)	tandard tires, full fue <i>Tread Width</i> 0 mm (0 in.) 0 mm (0 in.) 0 mm (0 in.) 0 mm (0 in.) 0 mm (0 in.)	el tank, and 79-kg (17 Width Over Tires 0 mm (0 in.) +2 mm (+0.1 in.) -7 mm (-0.3 in.) +4 mm (+0.2 in.) +3 mm (-0.1 in.)	5 lb.) operator* <i>Vertical Height</i> 0 mm (0 in.) -41 mm (-1.6 in.) -5 mm (-0.2 in.) -11 mm (-0.4 in.) -10 mm (-0.4 in.)
edge, ROPS cab, rear cast bumper/count Add (+) or deduct (-) kg (lb.) as indicated for loaders with 3-piece rims Michelin 20.5 R 25, 1 Star L-3 XHA2 Bridgestone 20.5 R 25, 1 Star L-3 VJT Fitan 20.5 R 25, 1 Star L-3 STL3 Michelin 20.5 R 25, 1 Star L-2 XTLA Bridgestone 20.5 R 25, 1 Star L-2 VUT Fitan 20.5 R 25, 1 Star L-2 TGD2	ng loads, and tires ar terweight, transmiss Operating Weight 0 kg (0 lb.) +4 kg (+9 lb.) +11 kg (+23 lb.) -152 kg (-335 lb.) -65 kg (-144 lb.) -85 kg (-188 lb.)	e based on Z-Bar mad ion side-frame guard <i>Tipping Load,</i> <i>Straight</i> 0 kg (0 lb.) +3 kg (+6 lb.) +7 kg (+16 lb.) -107 kg (-235 lb.) -46 kg (-101 lb.) -60 kg (-132 lb.)	ds, bottom guards, si <i>Tipping Load</i> , 40-deg. Full Turn 0 kg (0 lb.) +2 kg (+5 lb.) +7 kg (+14 lb.) -94 kg (-207 lb.) -40 kg (-89 lb.) -53 kg (-116 lb.)	tandard tires, full fue <i>Tread Width</i> 0 mm (0 in.) 0 mm (0 in.)	el tank, and 79-kg (17 Width Over Tires 0 mm (0 in.) +2 mm (+0.1 in.) -7 mm (-0.3 in.) +4 mm (+0.2 in.) +3 mm (-0.1 in.) -7 mm (-0.3 in.)	5 lb.) operator* <i>Vertical Height</i> 0 mm (0 in.) -41 mm (-1.6 in.) -5 mm (-0.2 in.) -11 mm (-0.4 in.) -10 mm (-0.4 in.) -10 mm (-0.4 in.)
edge, ROPS cab, rear cast bumper/count Add (+) or deduct (-) kg (lb.) as indicated For loaders with 3-piece rims Michelin 20.5 R 25, 1 Star L-3 XHA2 Bridgestone 20.5 R 25, 1 Star L-3 VJT Fitan 20.5 R 25, 1 Star L-3 STL3 Michelin 20.5 R 25, 1 Star L-2 XTLA Bridgestone 20.5 R 25, 1 Star L-2 VUT Fitan 20.5 R 25, 1 Star L-2 TGD2 Fitan 20.5-25, 16 PR L-2	ng loads, and tires ar terweight, transmiss Operating Weight 0 kg (0 lb.) +4 kg (+9 lb.) +11 kg (+23 lb.) -152 kg (-335 lb.) -65 kg (-144 lb.) -85 kg (-188 lb.) -245 kg (-541 lb.)	e based on Z-Bar mad ion side-frame guard <i>Tipping Load,</i> <i>Straight</i> 0 kg (0 lb.) +3 kg (+6 lb.) +7 kg (+16 lb.) -107 kg (-235 lb.) -46 kg (-101 lb.) -60 kg (-132 lb.) -172 kg (-379 lb.)	ds, bottom guards, si <i>Tipping Load</i> , 40-deg. Full Turn 0 kg (0 lb.) +2 kg (+5 lb.) +7 kg (+14 lb.) -94 kg (-207 lb.) -40 kg (-89 lb.) -53 kg (-116 lb.) -152 kg (-335 lb.)	tandard tires, full fue Tread Width O mm (O in.) O mm (O in.)	el tank, and 79-kg (17 Width Over Tires 0 mm (0 in.) +2 mm (+0.1 in.) -7 mm (-0.3 in.) +4 mm (+0.2 in.) +3 mm (-0.1 in.) -7 mm (-0.3 in.) +8 mm (+0.3 in.)	5 lb.) operator* <i>Vertical Height</i> 0 mm (0 in.) -41 mm (-1.6 in.) -5 mm (-0.2 in.) -11 mm (-0.4 in.) -10 mm (-0.4 in.) -10 mm (-0.4 in.) -2 mm (-0.1 in.)
edge, ROPS cab, rear cast bumper/count Add (+) or deduct (-) kg (lb.) as indicated for loaders with 3-piece rims Michelin 20.5 R 25, 1 Star L-3 XHA2 Bridgestone 20.5 R 25, 1 Star L-3 VJT Fitan 20.5 R 25, 1 Star L-3 STL3 Michelin 20.5 R 25, 1 Star L-2 XTLA Bridgestone 20.5 R 25, 1 Star L-2 VUT Fitan 20.5 R 25, 1 Star L-2 TGD2 Fitan 20.5-25, 16 PR L-2 Firestone 20.5-25, 16 PR L-2 SGG LD	ng loads, and tires ar terweight, transmiss Operating Weight 0 kg (0 lb.) +4 kg (+9 lb.) +11 kg (+23 lb.) -152 kg (-335 lb.) -65 kg (-144 lb.) -85 kg (-188 lb.) -245 kg (-541 lb.) -280 kg (-617 lb.)	e based on Z-Bar mad ion side-frame guard <i>Tipping Load</i> , <i>Straight</i> 0 kg (0 lb.) +3 kg (+6 lb.) +7 kg (+16 lb.) -107 kg (-235 lb.) -46 kg (-101 lb.) -60 kg (-132 lb.) -172 kg (-379 lb.) -196 kg (-433 lb.)	ds, bottom guards, si <i>Tipping Load</i> , 40-deg. Full Turn 0 kg (0 lb.) +2 kg (+5 lb.) +7 kg (+14 lb.) -94 kg (-207 lb.) -40 kg (-89 lb.) -53 kg (-116 lb.) -152 kg (-335 lb.) -173 kg (-382 lb.)	tandard tires, full fue Tread Width O mm (O in.) O mm (O in.)	el tank, and 79-kg (17 Width Over Tires 0 mm (0 in.) +2 mm (+0.1 in.) -7 mm (-0.3 in.) +4 mm (+0.2 in.) +3 mm (-0.1 in.) -7 mm (-0.3 in.) +8 mm (+0.3 in.) +5 mm (+0.2 in.)	5 lb.) operator* <i>Vertical Height</i> 0 mm (0 in.) -41 mm (-1.6 in.) -5 mm (-0.2 in.) -11 mm (-0.4 in.) -10 mm (-0.4 in.) -10 mm (-0.1 in.) -1 mm (0 in.)
edge, ROPS cab, rear cast bumper/count Add (+) or deduct (-) kg (lb.) as indicated for loaders with 3-piece rims Michelin 20.5 R 25, 1 Star L-3 XHA2 Bridgestone 20.5 R 25, 1 Star L-3 VJT Titan 20.5 R 25, 1 Star L-3 STL3 Michelin 20.5 R 25, 1 Star L-2 XTLA Bridgestone 20.5 R 25, 1 Star L-2 VUT Titan 20.5 R 25, 1 Star L-2 TGD2 Titan 20.5 -25, 16 PR L-2 Tirestone 20.5 -25, 16 PR L-2 Star 20.5 -25, 12 PR L-2	ng loads, and tires ar terweight, transmiss Operating Weight 0 kg (0 lb.) +4 kg (+9 lb.) +11 kg (+23 lb.) -152 kg (-335 lb.) -65 kg (-144 lb.) -85 kg (-188 lb.) -245 kg (-541 lb.) -280 kg (-617 lb.) -266 kg (-587 lb.)	e based on Z-Bar mad ion side-frame guard <i>Tipping Load,</i> <i>Straight</i> 0 kg (0 lb.) +3 kg (+6 lb.) +7 kg (+16 lb.) -107 kg (-235 lb.) -46 kg (-101 lb.) -60 kg (-132 lb.) -172 kg (-379 lb.) -196 kg (-433 lb.) -187 kg (-412 lb.)	ds, bottom guards, si <i>Tipping Load</i> , 40-deg. Full Turn 0 kg (0 lb.) +2 kg (+5 lb.) +7 kg (+14 lb.) -94 kg (-207 lb.) -40 kg (-89 lb.) -53 kg (-116 lb.) -152 kg (-335 lb.) -173 kg (-382 lb.) -165 kg (-363 lb.)	tandard tires, full fue Tread Width O mm (O in.) O mm (O in.)	el tank, and 79-kg (17 Width Over Tires 0 mm (0 in.) +2 mm (+0.1 in.) -7 mm (-0.3 in.) +4 mm (+0.2 in.) +3 mm (-0.1 in.) -7 mm (-0.3 in.) +8 mm (+0.3 in.) +5 mm (+0.2 in.) +8 mm (+0.3 in.)	5 lb.) operator* <i>Vertical Height</i> 0 mm (0 in.) -41 mm (-1.6 in.) -5 mm (-0.2 in.) -11 mm (-0.4 in.) -10 mm (-0.4 in.) -10 mm (-0.1 in.) -1 mm (0 in.) -2 mm (-0.1 in.)
edge, ROPS cab, rear cast bumper/count Add (+) or deduct (-) kg (lb.) as indicated For loaders with 3-piece rims Michelin 20.5 R 25, 1 Star L-3 XHA2 Bridgestone 20.5 R 25, 1 Star L-3 VJT Fitan 20.5 R 25, 1 Star L-3 STL3 Michelin 20.5 R 25, 1 Star L-2 XTLA Bridgestone 20.5 R 25, 1 Star L-2 VUT Fitan 20.5 R 25, 1 Star L-2 TGD2 Fitan 20.5-25, 16 PR L-2 Firestone 20.5-25, 16 PR L-2 Firestone 20.5-25, 16 PR L-2 Firestone 20.5-25, 16 PR L-2 Firestone 20.5-25, 16 PR L-3 SRG LD	ng loads, and tires ar terweight, transmiss Operating Weight 0 kg (0 lb.) +4 kg (+9 lb.) +11 kg (+23 lb.) -152 kg (-335 lb.) -65 kg (-144 lb.) -85 kg (-188 lb.) -245 kg (-541 lb.) -280 kg (-617 lb.) -266 kg (-587 lb.) -276 kg (-608 lb.)	e based on Z-Bar mad ion side-frame guard <i>Tipping Load</i> , <i>Straight</i> 0 kg (0 lb.) +3 kg (+6 lb.) +7 kg (+16 lb.) -107 kg (-235 lb.) -46 kg (-101 lb.) -60 kg (-132 lb.) -172 kg (-379 lb.) -196 kg (-433 lb.) -187 kg (-412 lb.) -194 kg (-427 lb.)	ds, bottom guards, si <i>Tipping Load</i> , 40-deg. Full Turn 0 kg (0 lb.) +2 kg (+5 lb.) +7 kg (+14 lb.) -94 kg (-207 lb.) -40 kg (-89 lb.) -53 kg (-116 lb.) -152 kg (-335 lb.) -173 kg (-382 lb.) -165 kg (-363 lb.) -171 kg (-376 lb.)	tandard tires, full fue Tread Width O mm (O in.) O mm (O in.)	el tank, and 79-kg (17 Width Over Tires 0 mm (0 in.) +2 mm (+0.1 in.) -7 mm (-0.3 in.) +4 mm (+0.2 in.) +3 mm (-0.1 in.) -7 mm (-0.3 in.) +8 mm (+0.3 in.) +5 mm (+0.3 in.) +8 mm (+0.3 in.) +8 mm (+0.3 in.)	5 Ib.) operator* <i>Vertical Height</i> 0 mm (0 in.) -41 mm (-1.6 in.) -5 mm (-0.2 in.) -11 mm (-0.4 in.) -10 mm (-0.4 in.) -10 mm (-0.1 in.) -1 mm (0 in.) -2 mm (-0.1 in.) +3 mm (+0.1 in.)
edge, ROPS cab, rear cast bumper/count Add (+) or deduct (-) kg (lb.) as indicated For loaders with 3-piece rims Michelin 20.5 R 25, 1 Star L-3 XHA2 Bridgestone 20.5 R 25, 1 Star L-3 VJT Fitan 20.5 R 25, 1 Star L-3 STL3 Michelin 20.5 R 25, 1 Star L-2 XTLA Bridgestone 20.5 R 25, 1 Star L-2 VUT Fitan 20.5 R 25, 1 Star L-2 TGD2 Firestone 20.5-25, 16 PR L-2 Firestone 20.5-25, 16 PR L-2 Firestone 20.5-25, 16 PR L-2 Firestone 20.5-25, 16 PR L-3 SRG LD Fithelin 20.5 R 25, 1 Star L2 SNO-PLUS	ng loads, and tires ar terweight, transmiss Operating Weight 0 kg (0 lb.) +4 kg (+9 lb.) +11 kg (+23 lb.) -152 kg (-335 lb.) -65 kg (-144 lb.) -85 kg (-144 lb.) -245 kg (-541 lb.) -245 kg (-541 lb.) -266 kg (-587 lb.) -276 kg (-608 lb.) -96 kg (-212 lb.)	e based on Z-Bar mad ion side-frame guard <i>Tipping Load</i> , <i>Straight</i> 0 kg (0 lb.) +3 kg (+6 lb.) +7 kg (+16 lb.) -107 kg (-235 lb.) -46 kg (-101 lb.) -60 kg (-132 lb.) -172 kg (-379 lb.) -196 kg (-433 lb.) -187 kg (-412 lb.) -194 kg (-427 lb.) -67 kg (-148 lb.)	ds, bottom guards, si <i>Tipping Load</i> , 40-deg. Full Turn 0 kg (0 lb.) +2 kg (+5 lb.) +7 kg (+14 lb.) -94 kg (-207 lb.) -40 kg (-89 lb.) -53 kg (-116 lb.) -152 kg (-335 lb.) -173 kg (-382 lb.) -165 kg (-363 lb.) -171 kg (-376 lb.) -59 kg (-131 lb.)	tandard tires, full fue Tread Width O mm (O in.) O mm (O in.)	el tank, and 79-kg (17 Width Over Tires 0 mm (0 in.) +2 mm (+0.1 in.) -7 mm (-0.3 in.) +4 mm (+0.2 in.) +3 mm (-0.1 in.) -7 mm (-0.3 in.) +8 mm (+0.3 in.) +6 mm (+0.2 in.)	5 Ib.) operator* <i>Vertical Height</i> 0 mm (0 in.) -41 mm (-1.6 in.) -5 mm (-0.2 in.) -11 mm (-0.4 in.) -10 mm (-0.4 in.) -10 mm (-0.1 in.) -1 mm (0 in.) -2 mm (-0.1 in.) +3 mm (+0.1 in.) -16 mm (-0.6 in.)
edge, ROPS cab, rear cast bumper/count Add (+) or deduct (-) kg (lb.) as indicated for loaders with 3-piece rims Michelin 20.5 R 25, 1 Star L-3 XHA2 Bridgestone 20.5 R 25, 1 Star L-3 VJT Titan 20.5 R 25, 1 Star L-3 STL3 Michelin 20.5 R 25, 1 Star L-2 XTLA Bridgestone 20.5 R 25, 1 Star L-2 VUT Titan 20.5 R 25, 1 Star L-2 TGD2 Titan 20.5-25, 16 PR L-2 Firestone 20.5-25, 16 PR L-2 Firestone 20.5-25, 16 PR L-2 Firestone 20.5-25, 16 PR L-3 SRG LD Michelin 20.5 R 25, 1 Star L2 SNO-PLUS Michelin 620/75R26 MegaXbib ^{£®}	ng loads, and tires ar terweight, transmiss Operating Weight 0 kg (0 lb.) +4 kg (+9 lb.) +11 kg (+23 lb.) -152 kg (-335 lb.) -65 kg (-144 lb.) -85 kg (-144 lb.) -245 kg (-148 lb.) -245 kg (-541 lb.) -266 kg (-547 lb.) -266 kg (-587 lb.) -276 kg (-608 lb.) -96 kg (-212 lb.) -189 kg (-417 lb.)	e based on Z-Bar mad ion side-frame guard <i>Tipping Load</i> , <i>Straight</i> 0 kg (0 lb.) +3 kg (+6 lb.) +7 kg (+16 lb.) -107 kg (-235 lb.) -46 kg (-101 lb.) -60 kg (-132 lb.) -172 kg (-379 lb.) -196 kg (-433 lb.) -187 kg (-412 lb.) -194 kg (-427 lb.) -67 kg (-148 lb.) -133 kg (-293 lb.)	ds, bottom guards, si <i>Tipping Load</i> , 40-deg. Full Turn 0 kg (0 lb.) +2 kg (+5 lb.) +7 kg (+14 lb.) -94 kg (-207 lb.) -40 kg (-89 lb.) -53 kg (-116 lb.) -152 kg (-353 lb.) -173 kg (-382 lb.) -165 kg (-363 lb.) -171 kg (-376 lb.) -59 kg (-131 lb.) -117 kg (-258 lb.)	tandard tires, full fue Tread Width 0 mm (0 in.) 0 mm (0 in.) 187 mm (+7.4 in.)	el tank, and 79-kg (17 Width Over Tires 0 mm (0 in.) +2 mm (+0.1 in.) -7 mm (-0.3 in.) +4 mm (+0.2 in.) +3 mm (-0.1 in.) -7 mm (-0.3 in.) +8 mm (+0.3 in.) +5 mm (+0.2 in.) +8 mm (+0.3 in.) +8 mm (+0.3 in.) +6 mm (+0.2 in.) +247 mm (+9.7 in.)	5 Ib.) operator* <i>Vertical Height</i> 0 mm (0 in.) -41 mm (-1.6 in.) -5 mm (-0.2 in.) -11 mm (-0.4 in.) -10 mm (-0.4 in.) -10 mm (-0.1 in.) -1 mm (0 in.) -2 mm (-0.1 in.) +3 mm (+0.1 in.) -16 mm (-0.6 in. +23 mm (+0.9 in
Adjustments to operating weights, tippi edge, ROPS cab, rear cast bumper/count Add (+) or deduct (-) kg (lb.) as indicated for loaders with 3-piece rims Michelin 20.5 R 25, 1 Star L-3 XHA2 Bridgestone 20.5 R 25, 1 Star L-3 VJT Titan 20.5 R 25, 1 Star L-3 STL3 Michelin 20.5 R 25, 1 Star L-2 XTLA Bridgestone 20.5 R 25, 1 Star L-2 VUT Titan 20.5 R 25, 1 Star L-2 TGD2 Titan 20.5 R 25, 1 Star L-2 TGD2 Titan 20.5-25, 16 PR L-2 Firestone 20.5-25, 16 PR L-2 Firestone 20.5-25, 16 PR L-2 Firestone 20.5-25, 16 PR L-3 SRG LD Titan 20.5 R 25, 1 Star L2 SNO-PLUS Michelin 20.5 R 25, 1 Star L2 SNO-PLUS Michelin 620/75R26 MegaXbib ^{£®} CaCl ₂ in 20.5-25, L-3 Rear Tires, 75% Fill	ng loads, and tires ar terweight, transmiss Operating Weight O kg (O lb.) +4 kg (+9 lb.) +11 kg (+23 lb.) -152 kg (-335 lb.) -65 kg (-144 lb.) -85 kg (-144 lb.) -245 kg (-144 lb.) -245 kg (-541 lb.) -245 kg (-617 lb.) -266 kg (-587 lb.) -276 kg (-608 lb.) -96 kg (-212 lb.) -189 kg (-417 lb.) +55 kg (+121 lb.) +825 kg	e based on Z-Bar may ion side-frame guard <i>Tipping Load</i> , <i>Straight</i> 0 kg (0 lb.) +3 kg (+6 lb.) +7 kg (+16 lb.) -107 kg (-235 lb.) -46 kg (-101 lb.) -60 kg (-132 lb.) -172 kg (-379 lb.) -196 kg (-433 lb.) -187 kg (-412 lb.) -194 kg (-427 lb.) -67 kg (-148 lb.) -133 kg (-293 lb.) +38 kg (+85 lb.) +1157 kg	ds, bottom guards, si <i>Tipping Load</i> , 40-deg. Full Turn 0 kg (0 lb.) +2 kg (+5 lb.) +7 kg (+14 lb.) -94 kg (-207 lb.) -40 kg (-89 lb.) -53 kg (-116 lb.) -152 kg (-335 lb.) -173 kg (-382 lb.) -165 kg (-363 lb.) -171 kg (-376 lb.) -59 kg (-131 lb.) -117 kg (-258 lb.) +34 kg (+75 lb.) +1020 kg	tandard tires, full fue Tread Width O mm (O in.) O mm (O in.)	el tank, and 79-kg (17 Width Over Tires 0 mm (0 in.) +2 mm (+0.1 in.) -7 mm (-0.3 in.) +4 mm (+0.2 in.) +3 mm (-0.1 in.) -7 mm (-0.3 in.) +8 mm (+0.3 in.) +6 mm (+0.2 in.)	5 lb.) operator* <i>Vertical Height</i> 0 mm (0 in.) -41 mm (-1.6 in.) -5 mm (-0.2 in.) -11 mm (-0.4 in.) -10 mm (-0.4 in.) -10 mm (-0.1 in.) -1 mm (0 in.) -2 mm (-0.1 in.)
edge, ROPS cab, rear cast bumper/count Add (+) or deduct (-) kg (lb.) as indicated for loaders with 3-piece rims Michelin 20.5 R 25, 1 Star L-3 XHA2 Bridgestone 20.5 R 25, 1 Star L-3 VJT Titan 20.5 R 25, 1 Star L-3 STL3 Michelin 20.5 R 25, 1 Star L-2 XTLA Bridgestone 20.5 R 25, 1 Star L-2 VUT Titan 20.5 R 25, 1 Star L-2 TGD2 Titan 20.5-25, 16 PR L-2 TGD2 Titan 20.5-25, 16 PR L-2 Firestone 20.5-25, 16 PR L-2 SGG LD Titan 20.5-25, 16 PR L-2 Firestone 20.5-25, 16 PR L-3 SRG LD Michelin 20.5 R 25, 1 Star L2 SNO-PLUS Michelin 620/75R26 MegaXbib ^{£®} Michelin 750/65R26 MegaXbib ^{£®} CaCl ₂ in 20.5-25, L-3 Rear Tires, 75% Fill	ng loads, and tires ar terweight, transmiss Operating Weight 0 kg (0 lb.) +4 kg (+9 lb.) +11 kg (+23 lb.) -152 kg (-335 lb.) -65 kg (-144 lb.) -85 kg (-144 lb.) -245 kg (-144 lb.) -245 kg (-541 lb.) -245 kg (-541 lb.) -266 kg (-587 lb.) -276 kg (-608 lb.) -96 kg (-212 lb.) -189 kg (-417 lb.) +55 kg (+121 lb.) +825 kg (+1,820 lb.)	e based on Z-Bar mad ion side-frame guard <i>Tipping Load</i> , <i>Straight</i> 0 kg (0 lb.) +3 kg (+6 lb.) +7 kg (+16 lb.) -107 kg (-235 lb.) -46 kg (-101 lb.) -60 kg (-132 lb.) -172 kg (-379 lb.) -196 kg (-433 lb.) -187 kg (-412 lb.) -194 kg (-427 lb.) -67 kg (-148 lb.) -133 kg (-293 lb.) +38 kg (+85 lb.) +1157 kg (+2,551 lb.)	ds, bottom guards, si <i>Tipping Load</i> , 40-deg. Full Turn 0 kg (0 lb.) +2 kg (+5 lb.) +7 kg (+14 lb.) -94 kg (-207 lb.) -40 kg (-89 lb.) -53 kg (-116 lb.) -152 kg (-335 lb.) -173 kg (-382 lb.) -165 kg (-363 lb.) -171 kg (-376 lb.) -59 kg (-131 lb.) -117 kg (-258 lb.) +34 kg (+75 lb.) +1020 kg (+2,250 lb.)	tandard tires, full fue Tread Width 0 mm (0 in.) 10 mm (0 in.) 10 mm (0 in.) 10 mm (0 in.) 10 mm (10 in.) 10 mm (2 in.)	el tank, and 79-kg (17 Width Over Tires 0 mm (0 in.) +2 mm (+0.1 in.) -7 mm (-0.3 in.) +4 mm (+0.2 in.) +3 mm (-0.1 in.) -7 mm (-0.3 in.) +8 mm (+0.3 in.) +5 mm (+0.2 in.) +8 mm (+0.3 in.) +8 mm (+0.3 in.) +8 mm (+0.3 in.) +6 mm (+0.2 in.) +247 mm (+9.7 in.) +521 mm (+20.5 in.)	5 Ib.) operator* Vertical Height 0 mm (0 in.) -41 mm (-1.6 in.) -5 mm (-0.2 in.) -11 mm (-0.4 in.) -10 mm (-0.4 in.) -10 mm (-0.1 in.) -1 mm (0 in.) -2 mm (-0.1 in.) +3 mm (+0.1 in.) -16 mm (-0.6 in.) +23 mm (+0.9 in +36 mm (+1.4 in.)
edge, ROPS cab, rear cast bumper/count Add (+) or deduct (–) kg (lb.) as indicated for loaders with 3-piece rims Michelin 20.5 R 25, 1 Star L-3 XHA2 Bridgestone 20.5 R 25, 1 Star L-3 VJT Titan 20.5 R 25, 1 Star L-3 STL3 Michelin 20.5 R 25, 1 Star L-2 XTLA Bridgestone 20.5 R 25, 1 Star L-2 VUT Titan 20.5 R 25, 1 Star L-2 TGD2 Titan 20.5-25, 16 PR L-2 TGD2 Titan 20.5-25, 16 PR L-2 Firestone 20.5-25, 16 PR L-2 SGG LD Titan 20.5-25, 16 PR L-2 Firestone 20.5-25, 16 PR L-3 SRG LD Michelin 20.5 R 25, 1 Star L2 SNO-PLUS Michelin 620/75R26 MegaXbib ^{£®}	ng loads, and tires ar terweight, transmiss Operating Weight 0 kg (0 lb.) +4 kg (+9 lb.) +11 kg (+23 lb.) -152 kg (-335 lb.) -65 kg (-144 lb.) -85 kg (-144 lb.) -245 kg (-144 lb.) -245 kg (-541 lb.) -245 kg (-541 lb.) -266 kg (-587 lb.) -276 kg (-608 lb.) -96 kg (-212 lb.) -189 kg (-417 lb.) +55 kg (+121 lb.) +825 kg (+1,820 lb.)	e based on Z-Bar mad ion side-frame guard <i>Tipping Load</i> , <i>Straight</i> 0 kg (0 lb.) +3 kg (+6 lb.) +7 kg (+16 lb.) -107 kg (-235 lb.) -46 kg (-101 lb.) -60 kg (-132 lb.) -172 kg (-379 lb.) -196 kg (-433 lb.) -187 kg (-412 lb.) -194 kg (-427 lb.) -67 kg (-148 lb.) -133 kg (-293 lb.) +38 kg (+85 lb.) +1157 kg (+2,551 lb.)	ds, bottom guards, si <i>Tipping Load</i> , 40-deg. Full Turn 0 kg (0 lb.) +2 kg (+5 lb.) +7 kg (+14 lb.) -94 kg (-207 lb.) -40 kg (-89 lb.) -53 kg (-116 lb.) -152 kg (-335 lb.) -173 kg (-382 lb.) -165 kg (-363 lb.) -171 kg (-376 lb.) -59 kg (-131 lb.) -117 kg (-258 lb.) +34 kg (+75 lb.) +1020 kg (+2,250 lb.)	tandard tires, full fue Tread Width 0 mm (0 in.) 10 mm (0 in.) 10 mm (0 in.) 10 mm (0 in.) 10 mm (10 in.) 10 mm (2 in.)	el tank, and 79-kg (17 Width Over Tires 0 mm (0 in.) +2 mm (+0.1 in.) -7 mm (-0.3 in.) +4 mm (+0.2 in.) +3 mm (-0.1 in.) -7 mm (-0.3 in.) +8 mm (+0.3 in.) +5 mm (+0.2 in.) +8 mm (+0.3 in.) +8 mm (+0.3 in.) +8 mm (+0.3 in.) +6 mm (+0.2 in.) +247 mm (+9.7 in.) +521 mm (+20.5 in.)	5 Ib.) operator* Vertical Height 0 mm (0 in.) -41 mm (-1.6 in.) -5 mm (-0.2 in.) -11 mm (-0.4 in.) -10 mm (-0.4 in.) -10 mm (-0.1 in.) -1 mm (0 in.) -2 mm (-0.1 in.) +3 mm (+0.1 in.) -16 mm (-0.6 in.) +23 mm (+0.9 in +36 mm (+1.4 in.)

^BRequires 8-deg. rear axle stops.



Clay, dry in lump loose

Earth, mud, packed

Granite, broken

Gypsum

Clay, excavated in water

Coal, anthracite, broken, loose

Coal, bituminous, moderately wet Earth. common loam. dry 1009

1282

865

801

1218

1843

1538

2275

1,701

2,160

1,458

1,350

2,052

3.105

2,592

3,834

Sand, dry

Sand, voids, full of water

Sandstone, quarried

Shale, broken crushed

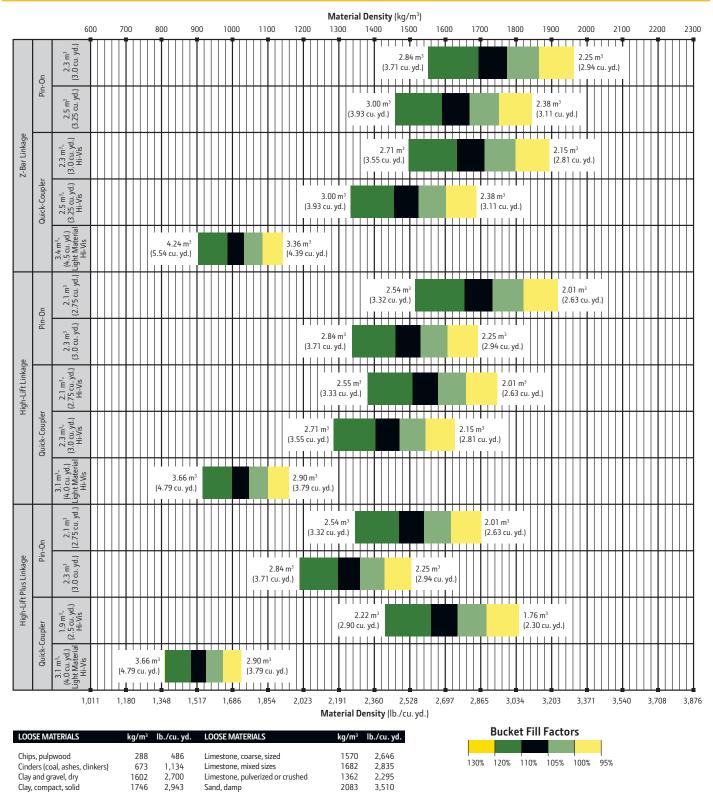
(1.5 to 3.5 in.) size

Slag, furnace granulated

Stone or gravel, 37.5 to 87.5-mm

Stone or gravel, 18.75-mm (0.75 in.) size

544L Z-BAR / HIGH-LIFT / HIGH-LIFT PLUS



2.970

3,510

2,214

2.295

3.294

2,430

2,700

1762

2083

1314

1362

1955

1442

1602



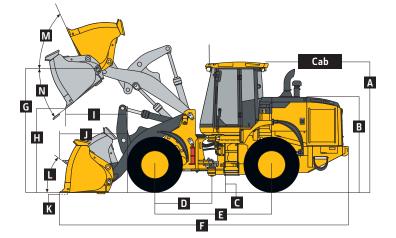
Engine	624L Z-BAR / HIGH-LIFT /					
Manufacturer and Model	John Deere PowerTech™ PV		Gross Peak Torque	e (ISO 9249)		681 ftlb.) at 1,500 rpm
Non-Road Emission Standard	EPA Final Tier 4/EU Stage V	/	Net Torque Rise		58% star	
Cylinders	6		Fuel System (elect	tronically controlled)	High-pre	essure common rail
Valves Per Cylinder	4		Lubrication		Full-flow	spin-on filter and integral cool
Displacement	6.8 L (414 cu. in.)		Aspiration			arged, charge air cooled
Net Peak Power (ISO 9249)	143 kW (192 hp) at 1,600 rpn	n	Air Cleaner			ood, dual-element dry type,
Gross Peak Power (ISO 9249)	152 kW (203 hp) at 1,600 rpr					on indicator in cab monitor
Net Peak Torque (ISO 9249)	874 Nm (644 lbft.) at 1,30				for servi	
Cooling	0/4 1011 (044 1011.) at 1,50	orpin			101 301 10	
Fan Drive	Hydraulically driven, propor	tionally cont	rollod for oft of co	alara		
	Hydraulically driven, propor	tionally cont	rolled, ran art of co	loiers		
Electrical	24 14 14 120 14					
Electrical System	24 volt with 130-amp altern	ator				
Batteries (2 – 12 volt)	950 CCA (each)					
Transmission System						
Туре	Countershaft-type PowerSl	hift™				
Torque Converter	Single stage, single phase					
Shift Control	Electronically modulated, a	daptive, load	and speed depende	ent		
Operator Interface	Steering-column or joystick	-mounted F-	N-R and gear-select	t lever; kick-down butt	ton on hyd	raulic lever
Shift Modes	Manual/auto (1st-D or 2nd-					
	cutoff settings					
	Standard 5-Speed with Lock	kup Toraue Co	onverter	Optional 5-Speed w	ithout I or	kup Torque Converter
Maximum Travel Speeds				optional o opeed w		
(with 20.5 R 25 tires)	Forward	Reverse		Forward		Reverse
Range 1	7.0 km/h (4.3 mph)		(/.1mmh)			6.7 km/h (4.1 mph)
5			(4.1 mph)	6.3 km/h (3.9 mph)		
Range 2	12.1 km/h (7.5 mph)		n (7.9 mph)	11.4 km/h (7.0 mph)		12.0 km/h (7.4 mph)
Range 3	18.7 km/h (11.6 mph)		ո (19.0 mph)	17.5 km/h (10.8 mph		28.7 km/h (17.8 mph)
Range 4	29.1 km/h (18.1 mph)	N/A		27.2 km/h (16.9 mpł		N/A
Range 5	40.0 km/h (24.8 mph)	N/A		40.0 km/h (24.8 mp	oh)	N/A
Axles/Brakes						
	Heavy-duty inboard-mount	ed planetary				
Final Drives	Heavy-duty inboard-mount Hydraulic locking front with			dual locking front and i	rear — opti	onal
Differentials	Hydraulic locking front with	n conventiona		dual locking front and i	rear — opti	ional
Final Drives Differentials Rear Axle Oscillation, Stop to Stop		n conventiona		dual locking front and i	rear — opti	ional
Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires)	Hydraulic locking front with	n conventiona		dual locking front and i	rear — opti	ional
Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450)	Hydraulic locking front with 24 deg. (12 deg. each direct	n conventiona ion)	al rear — standard; c	-		
Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service	Hydraulic locking front with 24 deg. (12 deg. each direct Hydraulically actuated, spri	n conventiona ion) ng-retracted	al rear — standard; o , self-adjusting inbo	pard sun-shaft mounte	ed, oil cool	
Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking	Hydraulic locking front with 24 deg. (12 deg. each direct Hydraulically actuated, spri Automatic spring applied, h	n conventiona ion) ng-retracted	al rear — standard; o , self-adjusting inbo	pard sun-shaft mounte	ed, oil cool	
Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service	Hydraulic locking front with 24 deg. (12 deg. each direct Hydraulically actuated, spri Automatic spring applied, h <i>ljustments)</i>	n conventiona ion) ng-retracted	al rear — standard; c , self-adjusting inbc eleased, driveline m	pard sun-shaft mounte	ed, oil cool	
Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 32 for complete tire ad	Hydraulic locking front with 24 deg. (12 deg. each direct Hydraulically actuated, spri Automatic spring applied, h (justments) Tread Width	n conventiona ion) ng-retracted	al rear — standard; o , self-adjusting inbo eleased, driveline m Width Over Tires	pard sun-shaft mounte nounted, oil-cooled, mu	ed, oil cool	
Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 32 for complete tire ad Michelin 20.5 R 25, 1 Star L-3 XHA2	Hydraulic locking front with 24 deg. (12 deg. each direct Hydraulically actuated, spri Automatic spring applied, h <i>ljustments)</i>	n conventiona ion) ng-retracted	al rear — standard; c , self-adjusting inbc eleased, driveline m	pard sun-shaft mounte nounted, oil-cooled, mu	ed, oil cool	
Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 32 for complete tire ad Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability	Hydraulic locking front with 24 deg. (12 deg. each direct Hydraulically actuated, spri Automatic spring applied, h (justments) Tread Width	n conventiona ion) ng-retracted	al rear — standard; o , self-adjusting inbo eleased, driveline m Width Over Tires	pard sun-shaft mounte nounted, oil-cooled, mu	ed, oil cool	
Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 32 for complete tire ad Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability Refill Capacities	Hydraulic locking front with 24 deg. (12 deg. each direct Hydraulically actuated, spri Automatic spring applied, h (justments) Tread Width	n conventiona ion) ng-retracted	al rear — standard; o , self-adjusting inbo eleased, driveline m <i>Width Over Tires</i> 2657 mm (104.6 in	pard sun-shaft mounte nounted, oil-cooled, mu	ed, oil cool	
Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 32 for complete tire ad Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability	Hydraulic locking front with 24 deg. (12 deg. each direct Hydraulically actuated, spri Automatic spring applied, h (justments) Tread Width	n conventiona ion) ng-retracted	al rear — standard; o , self-adjusting inbo eleased, driveline m Width Over Tires	pard sun-shaft mounte nounted, oil-cooled, mu	ed, oil cool	
Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 32 for complete tire ad Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability Refill Capacities Fuel Tank (with lockable cap)	Hydraulic locking front with 24 deg. (12 deg. each direct Hydraulically actuated, spri Automatic spring applied, h <i>fjustments)</i> <i>Tread Width</i> 2053 mm (80.8 in.) 299 L (79 gal.)	n conventiona ion) ng-retracted	al rear — standard; c , self-adjusting inbo eleased, driveline m <i>Width Over Tires</i> 2657 mm (104.6 in Axle Oil (each)	pard sun-shaft mounte nounted, oil-cooled, mu	ed, oil cool ulti disc	ed, single disc
Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 32 for complete tire ad Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability Refill Capacities Fuel Tank (with lockable cap) Cooling System	Hydraulic locking front with 24 deg. (12 deg. each direct Hydraulically actuated, spri Automatic spring applied, h <i>fjustments)</i> <i>Tread Width</i> 2053 mm (80.8 in.) 299 L (79 gal.) 36.5 L (38.6 qt.)	n conventiona ion) ng-retracted	al rear — standard; o , self-adjusting inbo eleased, driveline m <i>Width Over Tires</i> 2657 mm (104.6 in	pard sun-shaft mounte nounted, oil-cooled, mu	ed, oil coolo ulti disc 22 L (23	ed, single disc qt.)
Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 32 for complete tire ad Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability Refill Capacities Fuel Tank (with lockable cap) Cooling System Diesel Exhaust Fluid (DEF)	Hydraulic locking front with 24 deg. (12 deg. each direct Hydraulically actuated, spri Automatic spring applied, h <i>justments)</i> <i>Tread Width</i> 2053 mm (80.8 in.) 299 L (79 gal.) 36.5 L (38.6 qt.) 15.6 L (16.5 qt.)	n conventiona ion) ng-retracted	al rear — standard; c , self-adjusting inbo eleased, driveline m <i>Width Over Tires</i> 2657 mm (104.6 in Axle Oil (each) Front Rear	pard sun-shaft mounte lounted, oil-cooled, mu	ed, oil cool ulti disc 22 L (23 17 L (18 q	ed, single disc qt.)
Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 32 for complete tire and Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability Refill Capacities Fuel Tank (with lockable cap) Cooling System Diesel Exhaust Fluid (DEF) Engine Oil with Vertical Spin-On Filter	Hydraulic locking front with 24 deg. (12 deg. each direct Hydraulically actuated, spri Automatic spring applied, h <i>justments)</i> <i>Tread Width</i> 2053 mm (80.8 in.) 299 L (79 gal.) 36.5 L (38.6 qt.) 15.6 L (16.5 qt.) 19.5 L (20.6 qt.)	n conventiona ion) ng-retracted	al rear — standard; c , self-adjusting inbo eleased, driveline m <i>Width Over Tires</i> 2657 mm (104.6 in Axle Oil (each) Front Rear Hydraulic Reservo	oard sun-shaft mounte ounted, oil-cooled, mu h.) oir and Filter	ed, oil coold ulti disc 22 L (23 17 L (18 q 102.8 L (2	ed, single disc qt.) qt.) 27.2 gal.)
Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 32 for complete tire and Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability Refill Capacities Fuel Tank (with lockable cap) Cooling System Diesel Exhaust Fluid (DEF) Engine Oil with Vertical Spin-On Filter Transmission Reservoir with Vertical	Hydraulic locking front with 24 deg. (12 deg. each direct Hydraulically actuated, spri Automatic spring applied, h <i>justments)</i> <i>Tread Width</i> 2053 mm (80.8 in.) 299 L (79 gal.) 36.5 L (38.6 qt.) 15.6 L (16.5 qt.)	n conventiona ion) ng-retracted	al rear — standard; c , self-adjusting inbo eleased, driveline m <i>Width Over Tires</i> 2657 mm (104.6 in Axle Oil (each) Front Rear	oard sun-shaft mounte ounted, oil-cooled, mu h.) oir and Filter	ed, oil cool ulti disc 22 L (23 17 L (18 q	ed, single disc qt.) qt.) 27.2 gal.)
Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 32 for complete tire and Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability Refill Capacities Fuel Tank (with lockable cap) Cooling System Diesel Exhaust Fluid (DEF) Engine Oil with Vertical Spin-On Filter Transmission Reservoir with Vertical Filter	Hydraulic locking front with 24 deg. (12 deg. each direct Hydraulically actuated, spri Automatic spring applied, h <i>justments)</i> <i>Tread Width</i> 2053 mm (80.8 in.) 299 L (79 gal.) 36.5 L (38.6 qt.) 15.6 L (16.5 qt.) 19.5 L (20.6 qt.)	n conventiona ion) ng-retracted	al rear — standard; c , self-adjusting inbo eleased, driveline m <i>Width Over Tires</i> 2657 mm (104.6 in Axle Oil (each) Front Rear Hydraulic Reservo	oard sun-shaft mounte ounted, oil-cooled, mu h.) oir and Filter	ed, oil coold ulti disc 22 L (23 17 L (18 q 102.8 L (2	ed, single disc qt.) qt.) 27.2 gal.)
Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels <i>(see page 32 for complete tire ad</i> Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability Refill Capacities Fuel Tank (with lockable cap) Cooling System Diesel Exhaust Fluid (DEF) Engine Oil with Vertical Spin-On Filter Transmission Reservoir with Vertical Filter Hydraulic System/Steering	Hydraulic locking front with 24 deg. (12 deg. each direct Hydraulically actuated, spri Automatic spring applied, h <i>ijustments)</i> <i>Tread Width</i> 2053 mm (80.8 in.) 299 L (79 gal.) 36.5 L (38.6 qt.) 15.6 L (16.5 qt.) 19.5 L (20.6 qt.) 27 L (28.5 qt.)	n conventiona ion) ng-retracted ydraulically r	al rear — standard; c , self-adjusting inbo eleased, driveline m <i>Width Over Tires</i> 2657 mm (104.6 in 2657 mm (104.6 in Rear Front Rear Hydraulic Reservo Park Brake Oil (we	oard sun-shaft mounte ounted, oil-cooled, mu i.) ir and Filter et disc)	ed, oil coolo ulti disc 22 L (23 17 L (18 q 102.8 L (1 0.3 L (10	ed, single disc qt.) qt.) 27.2 gal.)
Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 32 for complete tire and Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability Refill Capacities Fuel Tank (with lockable cap) Cooling System Diesel Exhaust Fluid (DEF) Engine Oil with Vertical Spin-On Filter Transmission Reservoir with Vertical Filter Hydraulic System/Steering Pump (loader and steering)	Hydraulic locking front with 24 deg. (12 deg. each direct Hydraulically actuated, spri Automatic spring applied, h <i>fjustments)</i> Tread Width 2053 mm (80.8 in.) 299 L (79 gal.) 36.5 L (38.6 qt.) 15.6 L (16.5 qt.) 15.6 L (20.6 qt.) 27 L (28.5 qt.)	n conventiona ion) ng-retracted ydraulically r	al rear — standard; c , self-adjusting inbo eleased, driveline m <i>Width Over Tires</i> 2657 mm (104.6 in 2657 mm (104.6 in Rear Front Rear Hydraulic Reservo Park Brake Oil (we	oard sun-shaft mounte ounted, oil-cooled, mu i.) ir and Filter et disc)	ed, oil coolo ulti disc 22 L (23 17 L (18 q 102.8 L (1 0.3 L (10	ed, single disc qt.) qt.) 27.2 gal.)
Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 32 for complete tire and Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability Refill Capacities Fuel Tank (with lockable cap) Cooling System Diesel Exhaust Fluid (DEF) Engine Oil with Vertical Spin-On Filter Transmission Reservoir with Vertical Filter Hydraulic System/Steering Pump (loader and steering) Maximum Rated Flow at 6895 kPa	Hydraulic locking front with 24 deg. (12 deg. each direct Hydraulically actuated, spri Automatic spring applied, h <i>ijustments)</i> <i>Tread Width</i> 2053 mm (80.8 in.) 299 L (79 gal.) 36.5 L (38.6 qt.) 15.6 L (16.5 qt.) 19.5 L (20.6 qt.) 27 L (28.5 qt.)	n conventiona ion) ng-retracted ydraulically r	al rear — standard; c , self-adjusting inbo eleased, driveline m <i>Width Over Tires</i> 2657 mm (104.6 in 2657 mm (104.6 in Rear Front Rear Hydraulic Reservo Park Brake Oil (we	oard sun-shaft mounte ounted, oil-cooled, mu i.) ir and Filter et disc)	ed, oil coolo ulti disc 22 L (23 17 L (18 q 102.8 L (1 0.3 L (10	ed, single disc qt.) qt.) 27.2 gal.)
Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels <i>(see page 32 for complete tire ad</i> Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability Refill Capacities Fuel Tank (with lockable cap) Cooling System Diesel Exhaust Fluid (DEF) Engine Oil with Vertical Spin-On Filter Transmission Reservoir with Vertical Filter Hydraulic System/Steering Pump (loader and steering) Maximum Rated Flow at 6895 kPa (1,000 psi) and 2,200 rpm	Hydraulic locking front with 24 deg. (12 deg. each direct Hydraulically actuated, spri Automatic spring applied, h <i>fjustments)</i> Tread Width 2053 mm (80.8 in.) 299 L (79 gal.) 36.5 L (38.6 qt.) 15.6 L (16.5 qt.) 19.5 L (20.6 qt.) 27 L (28.5 qt.) Variable-displacement, axia 261 L/m (69 gpm)	n conventiona ion) ng-retracted ydraulically r	al rear — standard; c , self-adjusting inbo eleased, driveline m <i>Width Over Tires</i> 2657 mm (104.6 in 2657 mm (104.6 in Rear Front Rear Hydraulic Reservo Park Brake Oil (we	oard sun-shaft mounte ounted, oil-cooled, mu i.) ir and Filter et disc)	ed, oil coolo ulti disc 22 L (23 17 L (18 q 102.8 L (1 0.3 L (10	ed, single disc qt.) qt.) 27.2 gal.)
Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 32 for complete tire and Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability Refill Capacities Fuel Tank (with lockable cap) Cooling System Diesel Exhaust Fluid (DEF) Engine Oil with Vertical Spin-On Filter Transmission Reservoir with Vertical Filter Hydraulic System/Steering Pump (loader and steering) Maximum Rated Flow at 6895 kPa	Hydraulic locking front with 24 deg. (12 deg. each direct Hydraulically actuated, spri Automatic spring applied, h <i>fjustments)</i> Tread Width 2053 mm (80.8 in.) 299 L (79 gal.) 36.5 L (38.6 qt.) 15.6 L (16.5 qt.) 15.6 L (20.6 qt.) 27 L (28.5 qt.)	n conventiona ion) ng-retracted ydraulically r	al rear — standard; c , self-adjusting inbo eleased, driveline m <i>Width Over Tires</i> 2657 mm (104.6 in 2657 mm (104.6 in Rear Front Rear Hydraulic Reservo Park Brake Oil (we	oard sun-shaft mounte ounted, oil-cooled, mu i.) ir and Filter et disc)	ed, oil coolo ulti disc 22 L (23 17 L (18 q 102.8 L (1 0.3 L (10	ed, single disc qt.) qt.) 27.2 gal.)
Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels <i>(see page 32 for complete tire ad</i> Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability Refill Capacities Fuel Tank (with lockable cap) Cooling System Diesel Exhaust Fluid (DEF) Engine Oil with Vertical Spin-On Filter Transmission Reservoir with Vertical Filter Hydraulic System/Steering Pump (loader and steering) Maximum Rated Flow at 6895 kPa (1,000 psi) and 2,200 rpm	Hydraulic locking front with 24 deg. (12 deg. each direct Hydraulically actuated, spri Automatic spring applied, h <i>fjustments)</i> Tread Width 2053 mm (80.8 in.) 299 L (79 gal.) 36.5 L (38.6 qt.) 15.6 L (16.5 qt.) 19.5 L (20.6 qt.) 27 L (28.5 qt.) Variable-displacement, axia 261 L/m (69 gpm)	n conventiona ion) ng-retracted ydraulically r	al rear — standard; c , self-adjusting inbo eleased, driveline m <i>Width Over Tires</i> 2657 mm (104.6 in 2657 mm (104.6 in Rear Front Rear Hydraulic Reservo Park Brake Oil (we	oard sun-shaft mounte ounted, oil-cooled, mu i.) ir and Filter et disc)	ed, oil coolo ulti disc 22 L (23 17 L (18 q 102.8 L (1 0.3 L (10	ed, single disc qt.) qt.) 27.2 gal.)
Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels <i>(see page 32 for complete tire ad</i> Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability Refill Capacities Fuel Tank (with lockable cap) Cooling System Diesel Exhaust Fluid (DEF) Engine Oil with Vertical Spin-On Filter Transmission Reservoir with Vertical Filter Hydraulic System/Steering Pump (loader and steering) Maximum Rated Flow at 6895 kPa (1,000 psi) and 2,200 rpm System Relief Pressure (loader and	Hydraulic locking front with 24 deg. (12 deg. each direct Hydraulically actuated, spri Automatic spring applied, h <i>fjustments)</i> <i>Tread Width</i> 2053 mm (80.8 in.) 299 L (79 gal.) 36.5 L (38.6 qt.) 15.6 L (16.5 qt.) 19.5 L (20.6 qt.) 27 L (28.5 qt.) Variable-displacement, axia 261 L/m (69 gpm) 24 821 kPa (3,675 psi)	n conventiona ion) ng-retracted ydraulically r	al rear — standard; c , self-adjusting inbo eleased, driveline m <i>Width Over Tires</i> 2657 mm (104.6 in Axle Oil (each) Front Rear Hydraulic Reservo Park Brake Oil (we p; closed-center, pr	bard sun-shaft mounte nounted, oil-cooled, mu ir and Filter et disc)	ed, oil cool ulti disc 22 L (23 17 L (18 q 102.8 L (1 0.3 L (10 system	ed, single disc qt.) t.) 27.2 gal.) oz.)
Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels (see page 32 for complete tire ad Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability Refill Capacities Fuel Tank (with lockable cap) Cooling System Diesel Exhaust Fluid (DEF) Engine Oil with Vertical Spin-On Filter Transmission Reservoir with Vertical Filter Hydraulic System/Steering Pump (loader and steering) Maximum Rated Flow at 6895 kPa (1,000 psi) and 2,200 rpm System Relief Pressure (loader and steering)	Hydraulic locking front with 24 deg. (12 deg. each direct Hydraulically actuated, spri Automatic spring applied, h <i>fjustments)</i> <i>Tread Width</i> 2053 mm (80.8 in.) 299 L (79 gal.) 36.5 L (38.6 qt.) 15.6 L (16.5 qt.) 19.5 L (20.6 qt.) 27 L (28.5 qt.) Variable-displacement, axia 261 L/m (69 gpm) 24 821 kPa (3,675 psi)	n conventiona ion) ng-retracted ydraulically r	al rear — standard; c , self-adjusting inbo eleased, driveline m <i>Width Over Tires</i> 2657 mm (104.6 in Axle Oil (each) Front Rear Hydraulic Reservo Park Brake Oil (we p; closed-center, pr	bard sun-shaft mounte nounted, oil-cooled, mu ir and Filter et disc)	ed, oil cool ulti disc 22 L (23 17 L (18 q 102.8 L (1 0.3 L (10 system	ed, single disc qt.) qt.) 27.2 gal.)
Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels <i>(see page 32 for complete tire ad</i> Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability Refill Capacities Fuel Tank (with lockable cap) Cooling System Diesel Exhaust Fluid (DEF) Engine Oil with Vertical Spin-On Filter Transmission Reservoir with Vertical Filter Hydraulic System/Steering Pump (loader and steering) Maximum Rated Flow at 6895 kPa (1,000 psi) and 2,200 rpm System Relief Pressure (loader and steering) Loader Controls	Hydraulic locking front with 24 deg. (12 deg. each direct Hydraulically actuated, spri Automatic spring applied, h <i>fjustments)</i> <i>Tread Width</i> 2053 mm (80.8 in.) 209 L (79 gal.) 36.5 L (38.6 qt.) 15.6 L (16.5 qt.) 19.5 L (20.6 qt.) 27 L (28.5 qt.) Variable-displacement, axia 261 L/m (69 gpm) 24 821 kPa (3,675 psi) 2-function valve, joystick co valve with auxiliary lever	n conventiona ion) ng-retracted ydraulically r il-piston pum	al rear — standard; c , self-adjusting inbo eleased, driveline m <i>Width Over Tires</i> 2657 mm (104.6 in Front Rear Hydraulic Reservo Park Brake Oil (we p; closed-center, pr	oard sun-shaft mounte oounted, oil-cooled, mu h.) hir and Filter et disc) ressure-compensating aulic-function enable/	ed, oil coold ulti disc 22 L (23 17 L (18 q 102.8 L (2 0.3 L (10 system disable, op	ed, single disc qt.) t.) 27.2 gal.) oz.)
Final Drives Differentials Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires) Brakes (conform to ISO 3450) Service Parking Tires/Wheels <i>(see page 32 for complete tire ad</i> Michelin 20.5 R 25, 1 Star L-3 XHA2 Serviceability Refill Capacities Fuel Tank (with lockable cap) Cooling System Diesel Exhaust Fluid (DEF) Engine Oil with Vertical Spin-On Filter Transmission Reservoir with Vertical Filter Hydraulic System/Steering Pump (loader and steering) Maximum Rated Flow at 6895 kPa (1,000 psi) and 2,200 rpm System Relief Pressure (loader and steering) Loader Controls Steering (conforms to ISO 5010)	Hydraulic locking front with 24 deg. (12 deg. each direct Hydraulically actuated, spri Automatic spring applied, h <i>fjustments)</i> <i>Tread Width</i> 2053 mm (80.8 in.) 209 L (79 gal.) 36.5 L (38.6 qt.) 15.6 L (16.5 qt.) 19.5 L (20.6 qt.) 27 L (28.5 qt.) Variable-displacement, axia 261 L/m (69 gpm) 24 821 kPa (3,675 psi) 2-function valve, joystick co valve with auxiliary lever Steering-column-mounted,	n conventiona ion) ng-retracted ydraulically r il-piston pum	al rear — standard; c , self-adjusting inbo eleased, driveline m <i>Width Over Tires</i> 2657 mm (104.6 in Front Rear Hydraulic Reservo Park Brake Oil (we p; closed-center, pr	oard sun-shaft mounte oounted, oil-cooled, mu h.) hir and Filter et disc) ressure-compensating aulic-function enable/	ed, oil coold ulti disc 22 L (23 17 L (18 q 102.8 L (2 0.3 L (10 system disable, op	ed, single disc qt.) t.) 27.2 gal.) oz.)
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Dimensions and Specifications with Pin-On Bucket

624L Z-BAR / HIGH-LIFT / HIGH-LIFT PLUS / TOOL CARRIER



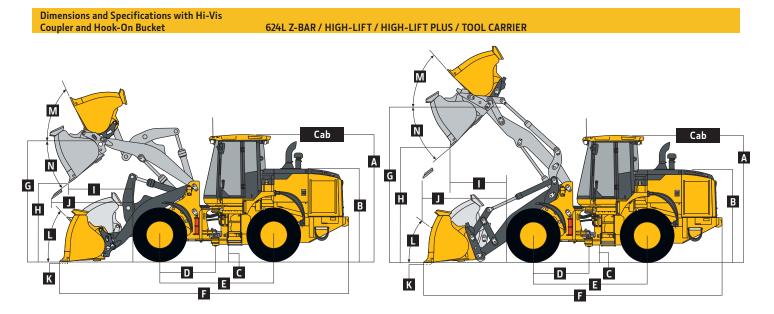
624L Z-BAR / HIGH-LIFT / HIGH-LIFT PLUS LOADERS WITH PIN-ON BUCKET WITH BOLT-ON EDGE

	Z-Bar	Z-Bar	High-Lift	High-Lift	High-Lift Plus	High-Lift Plus
	2.7-m ³ (3.5 cu. yd.)	2.9-m ³ (3.75 cu. yd.)	2.7-m ³ (3.5 cu. yd.)	2.9-m ³ (3.75 cu. yd.)	2.7-m ³ (3.5 cu. yd.)	2.9-m ³ (3.75 cu. yd.)
Dimensions with Bucket with Bolt-On Edge	general purpose	general purpose	general purpose	general purpose	general purpose	general purpose
A Height to Top of Cab	3.40 m (11 ft. 2 in.)	3.40 m (11 ft. 2 in.)	3.40 m (11 ft. 2 in.)	3.40 m (11 ft. 2 in.)	3.40 m (11 ft. 2 in.)	3.40 m (11 ft. 2 in.)
B Hood Height	2.46 m (8 ft. 1 in.)	2.46 m (8 ft. 1 in.)	2.46 m (8 ft. 1 in.)	2.46 m (8 ft. 1 in.)	2.46 m (8 ft. 1 in.)	2.46 m (8 ft. 1 in.)
C Ground Clearance	384 mm (15.1 in.)	384 mm (15.1 in.)	384 mm (15.1 in.)	384 mm (15.1 in.)	384 mm (15.1 in.)	384 mm (15.1 in.)
 D Length from Centerline to Front Axle 	1.52 m (5 ft. 0 in.)	1.52 m (5 ft. 0 in.)	1.52 m (5 ft. 0 in.)	1.52 m (5 ft. 0 in.)	1.52 m (5 ft. 0 in.)	1.52 m (5 ft. 0 in.)
E Wheelbase	3.09 m (10 ft. 1 in.)	3.09 m (10 ft. 1 in.)	3.09 m (10 ft. 1 in.)	3.09 m (10 ft. 1 in.)	3.09 m (10 ft. 1 in.)	3.09 m (10 ft. 1 in.)
F Overall Length, Bucket on Ground	7.76 m (25 ft. 6 in.)	7.83 m (25 ft. 8 in.)	8.22 m (27 ft. 0 in.)	8.22 m (27 ft. 0 in.)	8.52 m (27 ft. 11 in.)	8.58 m (28 ft. 2 in.)
G Height to Hinge Pin, Fully Raised	3.96 m (13 ft. 0 in.)	3.96 m (13 ft. 0 in.)	4.32 m (14 ft. 2 in.)	4.32 m (14 ft. 2 in.)	4.57 m (15 ft. 0 in.)	4.57 m (15 ft. 0 in.)
H Dump Clearance, 45 deg., Full Height	2.84 m (9 ft. 4 in.)	2.80 m (9 ft. 2 in.)	3.20 m (10 ft. 6 in.)	3.16 m (10 ft. 4 in.)	3.46 m (11 ft. 4 in.)	3.41 m (11 ft. 2 in.)
I Reach, 45-deg. Dump, Full Height	1.07 m (3 ft. 6 in.)	1.12 m (3 ft. 8 in.)	1.21 m (4 ft. 0 in.)	1.25 m (4 ft. 1 in.)	1.22 m (4 ft. 0 in.)	1.27 m (4 ft. 2 in.)
J Reach, 45-deg. Dump, 2.13-m (7 ft.	1.59 m (5 ft. 2 in.)	1.61 m (5 ft. 3 in.)	1.98 m (6 ft. 6 in.)	2.00 m (6 ft. 7 in.)	2.20 m (7 ft. 2 in.)	2.22 m (7 ft. 3 in.)
0 in.) Clearance	1.55 11 (5 1 C. 2 11.)	1.01 11 (9 1 (. 9 11.)	1.50 m (0 m.)	2.00 m (0 m. / m.)	2.20 m (7 rt. 2 m.)	2.22 m (7 rt. 5 m.)
K Maximum Digging Depth	0.10 m (4 in.)	0.11 m (4 in.)	0.20 m (8 in.)	0.21 m (8 in.)	0.20 m (8 in.)	0.20 m (8 in.)
L Maximum Rollback at Ground Level	44 deg.	44 deg.	48 deg.	48 deg.	49 deg.	49 deg.
M Maximum Rollback, Boom Fully Raised	60 deg.	60 deg.	60 deg.	60 deg.	60 deg.	60 deg.
N Maximum Bucket Dump Angle, Fully Raised	48 deg.	48 deg.	46 deg.	46 deg.	45 deg.	45 deg.
Loader Clearance Circle, Bucket Carry Position	12.02 m (39 ft. 5 in.)	12.04 m (39 ft. 6 in.)	12.32 m (40 ft. 5 in.)	12.5 m (41 ft. 0 in.)	12.66 m (41 ft. 6 in.)	12.78 m (41 ft. 11 in.)
Specifications with Bucket with Bolt-On Edge	12.02 11 (35 1 1 5 111)	1210 1 111 (55 1 11 0 111)		1213 111 (11 11 0 111)	12100111 (11110111)	12.00 11 (11 10 11 11)
Capacity, Heaped	2.7 m³ (3.5 cu. yd.)	2.9 m³ (3.75 cu. yd.)	2.7 m ³ (3.5 cu. yd.)	2.9 m ³ (3.75 cu. yd.)	2.7 m ³ (3.5 cu. yd.)	2.9 m ³ (3.75 cu. yd.)
Capacity, Struck	2.2 m ³ (2.9 cu. yd.)	2.4 m ³ (3.1 cu. yd.)	2.2 m ³ (2.9 cu. yd.)	2.4 m ³ (3.1 cu. yd.)	2.2 m ³ (2.9 cu. yd.)	2.4 m ³ (3.1 cu. yd.)
Bucket Weight with Bolt-On Cutting Edge	1196 kg (2,637 lb.)	1239 kg (2,732 lb.)	1196 kg (2,637 lb.)	1239 kg (2,732 lb.)	1196 kg (2,637 lb.)	1239 kg (2,732 lb.)
Bucket Width	2.69 m (8 ft. 10 in.)	2.69 m (8 ft. 10 in.)	2.69 m (8 ft. 10 in.)	2.69 m (8 ft. 10 in.)	2.69 m (8 ft. 10 in.)	2.69 m (8 ft. 10 in.)
Breakout Force	13 605 kg (29,994 lb.)	12 929 kg (28,503 lb.)	13 443 kg (29,638 lb.)	12 774 kg (28,163 lb.)	13 510 kg (29,785 lb.)	12 839 kg (28,304 lb.)
Tipping Load, Straight, No Tire Deflection	13 205 kg (29,113 lb.)	13 116 kg (28,915 lb.)	11 132 kg (24,541 lb.)	11 060 kg (24,383 lb.)	10 297 kg (22,701 lb.)	10 231 kg (22,555 lb.)
Tipping Load, Straight, with Tire Deflection	12 435 kg (27,414 lb.)	12 345 kg (27,216 lb.)	10 563 kg (23,287 lb.)	10 488 kg (23,122 lb.)	9792 kg (21,588 lb.)	9723 kg (21,436 lb.)
Tipping Load, 40-deg. Full Turn, No Tire	11 439 kg (25,218 lb.)	11 359 kg (25,042 lb.)	9595 kg (21,153 lb.)	9530 kg (21,010 lb.)	8837 kg (19,483 lb.)	8778 kg (19,351 lb.)
Deflection	·····; (,··,	·····	,	,	,	
Tipping Load, 40-deg. Full Turn, with Tire	10 425 kg (22,983 lb.)	10 338 kg (22,791 lb.)	8820 kg (19,445 lb.)	8754 kg (19,299 lb.)	8145 kg (17,957 lb.)	8091 kg (17,838 lb.)
Deflection		J., , , ,	J. , , ,	J., , , , ,		J., , , , ,
Rated Operating Load, 50% Full-Turn Tipping	5719 kg (12,609 lb.)	5680 kg (12,521 lb.)	4797 kg (10,576 lb.)	4765 kg (10,505 lb.)	4419 kg (9,741 lb.)	4389 kg (9,676 lb.)
Load, No Tire Deflection (conforms to	5	5	5	5	5	5
ISO 14397-1)*						
Rated Operating Load, 50% Full-Turn Tipping	5213 kg (11,492 lb.)	5169 kg (11,396 lb.)	4410 kg (9,722 lb.)	4377 kg (9,650 lb.)	4073 kg (8,978 lb.)	4046 kg (8,919 lb.)
Load, with Tire Deflection (conforms to	-	-	-	-	-	-
ISO 14397-1)*						
Operating Weight	15 747 kg (34,715 lb.)	15 790 kg (34,810 lb.)	15 953 kg (35,171 lb.)	15 996 kg (35,266 lb.)	16 195 kg (35,703 lb.)	16 238 kg (35,798 lb.)
Loader operating information is based on mo	achine with identified lin	kage and standard equip	oment, PowerTech PVX 6	068 (EPA Final Tier 4/E	U Stage V) engine, ROPS	cab, rear cast bumper/
counterweight transmission side-frame au	ards bottom quards sta	ndard tires full fuel tan	k and 79 kg (175 lb) on	erator. This information	is affect by changes in a	tires ballast and

Loader operating information is based on machine with identified linkage and standard equipment, PowerTech PVX 6068 (EPA Final Tier 4/EU Stage V) engine, ROPS cab, rear cast bumper/ counterweight, transmission side-frame guards, bottom guards, standard tires, full fuel tank, and 79-kg (175 lb.) operator. This information is affect by changes in tires, ballast, and different attachments, and assumes no tire deflection per the standard ISO 14397-1 section 5.

*Rated operating capacity based on Deere attachments only.

624L



624L Z-BAR / HIGH-LIFT / HIGH-LIFT PLUS LOADERS WITH HI-VIS COUPLER AND HOOK-ON BUCKET WITH BOLT-ON EDGE

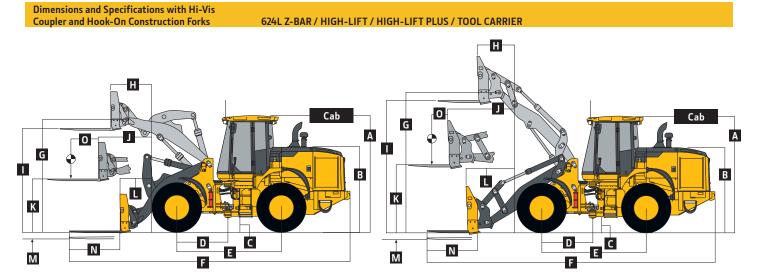
624L TOOL-CARRIER LOADER WITH HI-VIS COUPLER AND HOOK-ON BUCKET WITH BOLT-ON EDGE

	Z-Bar	Z-Bar	High-Lift	High-Lift	High-Lift Plus	High-Lift Plus	Tool Carrier	Tool Carrier
	2.7-m ³		2.5-m ³	2	2.3-m ³	2	2.7-m ³	
	(3.5 cu. yd.)	4.0-m ³	(3.25 cu. yd.)	3.4-m ³	(3.0 cu. yd.)	3.1-m ³	(3.5 cu. yd.)	3.4-m ³
Dimensions with Bucket with	general	(5.25 cu. yd.)	general	(4.5 cu. yd.)	general	(4.0 cu. yd.)	general	(4.5 cu. yd.)
Bolt-On Edge	purpose	light material	purpose	light material	purpose	light material	purpose	light material
A Height to Top of Cab	3.40 m (11 ft. 2 in.)	3.40 m (11 ft. 2 in.)	3.40 m (11 ft. 2 in.)					
B Hood Height	2.46 m	2.46 m	2.46 m					
	(8 ft. 1 in.)	(8 ft. 1 in.)	(8 ft. 1 in.)					
C Ground Clearance	384 mm	384 mm	384 mm					
	(15.1 in.)	(15.1 in.)	(15.1 in.)					
D Length from Centerline to Front Axle	1.52 m	1.52 m	1.52 m					
	(5 ft. 0 in.)	(5 ft. 0 in.)	(5 ft. 0 in.)					
E Wheelbase	3.09 m	3.09 m	3.09 m					
E Overall Length Busket on Ground	(10 ft. 1 in.) 7.89 m	(10 ft. 1 in.) 8.04 m	(10 ft. 1 in.) 8.31 m	(10 ft. 1 in.) 8.50 m	(10 ft. 1 in.) 8.53 m	(10 ft. 1 in.) 8.66 m	(10 ft. 1 in.) 7.99 m	(10 ft. 1 in.) 8.13 m
F Overall Length, Bucket on Ground	(25 ft. 11 in.)	(26 ft. 5 in.)	(27 ft. 3 in.)	(27 ft. 11 in.)	(28 ft. 0 in.)	0.00 m (28 ft. 5 in.)	(26 ft. 2 in.)	(26 ft. 8 in.)
G Height to Hinge Pin, Fully Raised	3.96 m	3.96 m	4.32 m	4.32 m	4.57 m	4.57 m	4.00 m	4.00 m
	(13 ft. 0 in.)	(13 ft. 0 in.)	(14 ft. 2 in.)	(14 ft. 2 in.)	(15 ft. 0 in.)	(15 ft. 0 in.)	(13 ft. 1 in.)	(13 ft. 1 in.)
H Dump Clearance, 45 deg., Full Height	2.76 m	2.66 m	3.15 m	3.02 m	3.45 m	3.37 m	2.74 m	2.64 m
	(9 ft. 1 in.)	(8 ft. 9 in.)	(10 ft. 4 in.)	(9 ft. 11 in.)	(11 ft. 4 in.)	(11 ft. 1 in.)	(9 ft. 0 in.)	(8 ft. 8 in.)
I Reach, 45-deg. Dump, Full Height	1.17 m	1.28 m	1.28 m	1.42 m	1.24 m	1.34 m	1.39 m	1.51 m
	(3 ft. 10 in.)	(4 ft. 2 in.)	(4 ft. 2 in.)	(4 ft. 8 in.)	(4 ft. 1 in.)	(4 ft. 5 in.)	(4 ft. 7 in.)	(4 ft. 11 in.)
J Reach, 45-deg. Dump, 2.13-m (7 ft.	1.64 m	1.69 m	2.03 m	2.10 m	2.21 m	2.27 m	1.83 m	1.89 m
0 in.) Clearance	(5 ft. 5 in.)	(5 ft. 7 in.)	(6 ft. 8 in.)	(6 ft. 11 in.)	(7 ft. 3 in.)	(7 ft. 6 in.) 0.19 m (7 in.)	(6 ft. 0 in.)	(6 ft. 2 in.) 0.13 m (5 in.)
 K Maximum Digging Depth L Maximum Rollback at Ground Level 	0.10 m (4 in.) 44 deg.	0.11 m (4 in.) 44 deg.	0.20 m (8 in.) 48 deg.	0.21 m (8 in.) 48 deg.	0.19 m (7 in.) 49 deg.	0.19 m (7 in.) 49 deg.	0.13 m (5 in.)	
M Maximum Rollback, Boom Fully Raised	44 deg. 60 deg.	44 deg. 60 deg.	40 deg. 60 deg.	40 deg. 60 deg.	49 deg. 60 deg.	49 deg. 60 deg.	52 deg. 57 deg.	52 deg. 57 deg.
N Maximum Bucket Dump Angle,	48 deg.	48 deg.	46 deg.	45 deg.	45 deg.	45 deg.	57 deg. 50 deg.	50 deg.
Fully Raised	io acy.	io acg.	io acg.	is acg.	is acg.	is acg.	so acg.	so acg.
Loader Clearance Circle, Bucket	12.06 m	12.44 m	12.34 m	12.80 m	12.76 m	13.00 m	12.24 m	12.5 m
Carry Position	(39 ft. 7 in.)	(40 ft. 10 in.)	(40 ft. 6 in.)	(42 ft. 0 in.)	(41 ft. 11 in.)	(42 ft. 8 in.)	(40 ft. 2 in.)	(41 ft. 0 in.)

Dimensions and Specifications with Hi-Vis Coupler and Hook-On								
Bucket (continued)	624L Z-BAR /	HIGH-LIFT / HI	GH-LIFT PLUS	/ TOOL CARRIEI	र			
	Z-Bar	Z-Bar	High-Lift	High-Lift	High-Lift Plus	High-Lift Plus	Tool Carrier	Tool Carrier
	2.7-m ³		2.5-m ³		2.3-m ³		2.7-m ³	
	(3.5 cu. yd.)	4.0-m ³	(3.25 cu. yd.)	3.4-m ³	(3.0 cu. yd.)	3.1-m ³	(3.5 cu. yd.)	3.4-m ³
Specifications with Bucket with	general	(5.25 cu. yd.)	general	(4.5 cu. yd.)	general	(4.0 cu. yd.)	general	(4.5 cu. yd.)
Bolt-On Edge	purpose	light material		light material		light material	purpose	light material
Capacity, Heaped	2.7 m ³	4.0 m ³	2.5 m ³	3.4 m ³	2.3 m ³	3.1 m ³	2.7 m ³	3.4 m ³
	(3.5 cu. yd.)	(5.25 cu. yd.)	(3.25 cu. yd.)	(4.5 cu. yd.)	(3.0 cu. yd.)	(4.0 cu. yd.)	(3.5 cu. yd.)	(4.5 cu. yd.)
Capacity, Struck	2.17 m ³	3.46 m ³	2.1 m ³	2.9 m ³	1.9 m ³	2.6 m ³	1.9 m ³	2.9 m ³
	(2.8 cu. yd.)	(4.53 cu. yd.)		(3.8 cu. yd.)	(2.4 cu. yd.)	(3.4 cu. yd.)	(2.4 cu. yd.)	(3.8 cu. yd.)
Bucket Weight with Bolt-On	1655 kg	1925 kg	1633 kg	1843 kg	1586 kg	1780 kg	1437 kg	1626 kg
Cutting Edge Bucket Width	(3,649 lb.)	(4,245 lb.)	(3,601 lb.)	(4,063 lb.)	(3,496 lb.)	(3,924 lb.)	(3,167 lb.)	(3,584 lb.)
BUCKET WIATH	2.68 m	3.05 m	2.69 m	2.89 m	2.69 m	2.89 m	2.68 m	2.89 m (9 ft. 6 in.)
Breakout Force	(8 ft. 10 in.) 12 161 kg	(10 ft. 0 in.) 10 789 kg	(8 ft. 10 in.) 13 052 kg	(9 ft. 6 in.) 10 709 kg	(8 ft. 10 in.) 13 266 kg	(9 ft. 6 in.) 11 874 kg	(8 ft. 10 in.) 11 477 kg	(9 ft. 6 m.) 10 290 kg
Dieakout Foice	(26,810 lb.)	(23,785 lb.)	(28,776 lb.)	(23,610 lb.)	(29,246 lb.)	(23,731 lb.)	(25,302 lb.)	(22,686 lb.)
Tipping Load, Straight, No Tire	12 357 kg	11 990 kg	10 624 kg	10 177 kg	9779 kg	9547 kg	11 577 kg	11 544 kg
Deflection	(27,242 lb.)	(26.434 lb.)	(23.422 lb.)	(22,437 lb.)	(21.559 lb.)	(20.701 lb.)	(25,523 lb.)	(25.450 lb.)
Tipping Load, Straight, with Tire	11 613 kg	11 220 kg	10 074 kg	9600 kg	9294 kg	9042 kg	10 920 kg	10 854 kg
Deflection	(25.602 lb.)	(24,736 lb.)	(22,209 lb.)	(21.164 lb.)	(20,490 lb.)	(19.577 lb.)	(24,074 lb.)	(23.929 lb.)
Tipping Load, 40-deg. Full Turn,	10 652 kg	10 292 kg	9130 kg	8690 kg	8348 kg	8120 kg	9993 kg	9939 kg
No Tire Deflection	(23,483 lb.)	(22,690 lb.)	(20,127 lb.)	(19,158 lb.)	(18,405 lb.)	(17,581 lb.)	(22,031 lb.)	(21,912 lb.)
Tipping Load, 40-deg. Full Turn,	9663 kg	9273 kg	8385 kg	7911 kg	7686 kg	7437 kg	9108 kg	9006 kg
with Tire Deflection	(21,303 lb.)	(20,443 lb.)	(18,486 lb.)	(17,441 lb.)	(16,945 lb.)	(16,032 lb.)	(20,080 lb.)	(19,855 lb.)
Rated Operating Load, 50% Full-Turn	5326 kg	5146 kg	4565 kg	4345 kg	4174 kg	4060 kg	4997 kg	4970 kg
Tipping Load, No Tire Deflection (conforms to ISO 14397-1)*	(11,742 lb.)	(11,345 lb.)	(10,064 lb.)	(9,579 lb.)	(9,203 lb.)	(8,790 lb.)	(11,015 lb.)	(10,956 lb.)
Rated Operating Load, 50% Full-Turn	4832 kg	4637 kg	4193 kg	3956 kg	3843 kg	3719 kg	4554 kg	4503 kg
Tipping Load, with Tire Deflection (conforms to ISO 14397-1)*	(10,652 lb.)	(10,222 lb.)	(9,243 lb.)	(8,720 lb.)	(8,472 lb.)	(8,016 lb.)	(10,040 lb.)	(9,927 lb.)
Operating Weight	16 225 kg (35,769 lb.)	16 495 kg (36,365 lb.)	16 410 kg (36,178 lb.)	16 620 kg (36,641 lb.)	16 605 kg (36,607 lb.)	16 799 kg (37,174 lb.)	15 939 kg (35,140 lb.)	16 128 kg (35,556 lb.)

Loader operating information is based on machine with identified linkage and standard equipment, PowerTech PVX 6068 (EPA Final Tier 4/EU Stage V) engine, ROPS cab, rear cast bumper/counterweight, transmission side-frame guards, bottom guards, standard tires, full fuel tank, and 79-kg (175 lb.) operator. This information is affected by changes in tires, ballast, and different attachments, and assumes no tire deflection per the standard ISO 14397-1 section 5.

*Rated operating capacity based on Deere attachments only.



624L Z-BAR / HIGH-LIFT / HIGH-LIFT PLUS LOADERS WITH HI-VIS COUPLER AND HOOK-ON CONSTRUCTION FORKS

624L TOOL-CARRIER LOADER WITH HI-VIS COUPLER AND HOOK-ON CONSTRUCTION FORKS

	Z-Bar	Z-Bar	High-Lift	High-Lift	High-Lift Plus	High-Lift Plus	Tool Carrier	Tool Carrier
Dimensions with Forks	1.52-m	1.83-m	1.52-m	1.83-m	1.52-m	1.83-m	1.52-m	1.83-m
	(60 in.)	(72 in.)	(60 in.)	(72 in.)	(60 in.)	(72 in.)	(60 in.)	(72 in.)
	tine length	tine length						
A Height to Top of Cab	3.40 m	3.40 m						
	(11 ft. 2 in.)	(11 ft. 2 in.)						
B Hood Height	2.46 m	2.46 m						
	(8 ft. 1 in.)	(8 ft. 1 in.)						
C Ground Clearance	384 mm	384 mm						
	(15.1 in.)	(15.1 in.)						
D Length from Centerline to Front Axle	1.52 m	1.52 m						
	(5 ft. 0 in.)	(5 ft. 0 in.)						
E Wheelbase	3.09 m	3.09 m						
	(10 ft. 1 in.)	(10 ft. 1 in.)						
F Overall Length, Forks on Ground	8.50 m	8.80 m	8.96 m	9.26 m	9.25 m	9.56 m	8.63 m	8.94 m
	(27 ft. 11 in.)	(28 ft. 11 in.)	(29 ft. 5 in.)	(30 ft. 5 in.)	(30 ft. 4 in.)	(31 ft. 4 in.)	(28 ft. 4 in.)	(29 ft. 4 in.)
G Height to Hinge Pin, Fully Raised	3.96 m	3.96 m	4.32 m	4.32 m	4.57 m	4.57 m	4.00 m	4.00 m
	(13 ft. 0 in.)	(13 ft. 0 in.)	(14 ft. 2 in.)	(14 ft. 2 in.)	(15 ft. 0 in.)	(15 ft. 0 in.)	(13 ft. 1 in.)	(13 ft. 1 in.)
H Reach, Fully Raised	0.81 m	0.81 m	0.95 m	0.95 m	0.96 m	0.96 m	1.05 m	1.05 m
	(32 in.)	(32 in.)	(3 ft. 1 in.)	(3 ft. 1 in.)	(3 ft. 2 in.)	(3 ft. 2 in.)	(3 ft. 5 in.)	(3 ft. 5 in.)
I Fork Height, Fully Raised	2.87 m	2.87 m	3.23 m	3.23 m	3.49 m	3.49 m	3.72 m	3.72 m
	(9 ft. 5 in.)	(9 ft. 5 in.)	(10 ft. 7 in.)	(10 ft. 7 in.)	(11 ft. 5 in.)	(11 ft. 5 in.)	(12 ft. 2 in.)	(12 ft. 2 in.)
J Maximum Reach, Fork Level	1.60 m	1.60 m	1.96 m	1.96 m	2.16 m	2.16 m	1.80 m	1.80 m
	(5 ft. 3 in.)	(5 ft. 3 in.)	(6 ft. 5 in.)	(6 ft. 5 in.)	(7 ft. 1 in.)	(7 ft. 1 in.)	(5 ft. 11 in.)	(5 ft. 11 in.)
K Fork Height, Maximum Reach	1.27 m	1.80 m	1.80 m					
	(4 ft. 2 in.)	(5 ft. 11 in.)	(5 ft. 11 in.)					
L Reach, Ground Level	1.08 m	1.08 m	1.51 m	1.51 m	1.74 m	1.74 m	1.21 m	1.21 m
	(3 ft. 6 in.)	(3 ft. 6 in.)	(4 ft. 11 in.)	(4 ft. 11 in.)	(5 ft. 9 in.)	(5 ft. 9 in.)	(4 ft. 0 in.)	(4 ft. 0 in.)
M Depth Below Ground	0.1 m (4 in.)	0.1 m (4 in.)	0.21 m (8 in.)	0.21 m (8 in.)	0.2 m (8 in.)	0.2 m (8 in.)	0.17 m (7 in.)	0.17 m (7 in.)
N Tine Length	1.52 m (60 in.)	1.83 m (72 in.)	1.52 m (60 in.)	1.83 m (72 in.)	1.52 m (60 in.)	1.83 m (72 in.)	1.52 m (60 in.)	1.83 m (72 in
O Load Position, 50% Tine Length	0.76 m	0.91 m	0.76 m	0.91 m	0.76 m	0.91 m	0.76 m	0.91 m
	(30 in.)	(3 ft. 0 in.)	(30 in.)	(3 ft. 0 in.)	(30 in.)	(3 ft. 0 in.)	(30 in.)	(3 ft. 0 in.)

Tipping Load, Straight, No Tire8808Deflection(19,4)Tipping Load, Straight, with Tire8553Deflection(18,8)Tipping Load, 40-deg. Full Turn,7602No Tire Deflection(16,76)Tipping Load, 40-deg. Full Turn,7251with Tire Deflection(15,96)Rated Operating Load, 50% Full-Turn3626Tipping Load, with Tire Deflection(7,992)(conforms to ISO 14397-1 and SAEJ1197)*Rated Operating Load, Rough4351	-m 1.83 in.) (72 elength tim 98 kg 832 418 lb.) (18, 3 kg 809 856 lb.) (17, 2 kg 717 760 lb.) (15, 1 kg 689 986 lb.) (15,	13-m 2 2 in.) (28 kg 2 3,360 lb.) (191 kg 2 (838 lb.) (78 kg 6 5,825 lb.) (58 kg 6	High-Lift 1.52-m (60 in.) tine length 7736 kg (17,054 lb.) 7515 kg (16,568 lb.) 6639 kg (14,636 lb.) 6330 kg	High-Lift 1.83-m (72 in.) tine length 7342 kg (16,186 lb.) 7134 kg (15,728 lb.) 6291 kg (13,869 lb.) 6006 kg	High-Lift Plus 1.52-m (60 in.) tine length 7296 kg (16,085 lb.) 7104 kg (15,662 lb.) 6232 kg (13,739 lb.)	High-Lift Plus 1.83-m (72 in.) tine length 6937 kg (15,293 lb.) 6759 kg (14,901 lb.) 5915 kg (13,041 lb.)	Tool Carrier 1.52-m (60 in.) tine length 8505 kg (18,750 lb.) 8283 kg (18,261 lb.) 7350 kg (16,204 lb.)	Tool Carrie 1.83-m (72 in.) tine length 8061 kg (17,771 lb.) 7851 kg (17,308 lb.) 6957 kg (15,338 lb.)
(60 inSpecifications with Forkstine lTipping Load, Straight, No Tire8808Deflection(19,41)Tipping Load, Straight, with Tire8553Deflection(18,81)Tipping Load, 40-deg. Full Turn,7602No Tire Deflection(16,76)Tipping Load, 40-deg. Full Turn,7251with Tire Deflection(15,98)Rated Operating Load, 50% Full-Turn3626Tipping Load, with Tire Deflection(7,992)(conforms to ISO 14397-1 and SAEJ1197)*Rated Operating Load, Rough4351Terrain, 60% Full-Turn Tipping Load,(9,59)with Tire Deflection (conforms to EN474-3)*(19,12)	in.) (72 elength tim 18 kg 832 418 lb.) (18, 3 kg 809 856 lb.) (17, 2 kg 717 760 lb.) (15, 1 kg 689 986 lb.) (15,	2 in.) (ee length a 28 kg 7 3,360 lb.) (91 kg 7 ;838 lb.) (78 kg 6 5,825 lb.) (58 kg 6	(60 in.) tine length 7736 kg (17,054 lb.) 7515 kg (16,568 lb.) 6639 kg (14,636 lb.) 6330 kg	(72 in.) tine length 7342 kg (16,186 lb.) 7134 kg (15,728 lb.) 6291 kg (13,869 lb.)	(60 in.) tine length 7296 kg (16,085 lb.) 7104 kg (15,662 lb.) 6232 kg	(72 in.) tine length 6937 kg (15,293 lb.) 6759 kg (14,901 lb.) 5915 kg	(60 in.) tine length 8505 kg (18,750 lb.) 8283 kg (18,261 lb.) 7350 kg	(72 in.) tine length 8061 kg (17,771 lb.) 7851 kg (17,308 lb.) 6957 kg
Specifications with Forkstine ITipping Load, Straight, No Tire8808Deflection(19,41)Tipping Load, Straight, with Tire8553Deflection(18,81)Tipping Load, 40-deg. Full Turn,7602No Tire Deflection(16,76)Tipping Load, 40-deg. Full Turn,7251with Tire Deflection(15,98)Rated Operating Load, 50% Full-Turn3626Tipping Load, with Tire Deflection(7,992)(conforms to ISO 14397-1 and SAEJ1197)*Rated Operating Load, Rough4351Terrain, 60% Full-Turn Tipping Load,(9,59)with Tire Deflection (conforms toEN474-3)*	Iength time 18 kg 832 18 lb.) (18, 3 kg 809 356 lb.) (17, 2 kg 717 760 lb.) (15, 1 kg 689 986 lb.) (15,	ne length (* 1 28 kg (* 1 3,360 lb.) (* 1 91 kg (* 1 838 lb.) (* 1 78 kg (* 1 58 kg (* 1 58 kg (* 1 558 kg (* 1)) (* 1)) (* 1) (* 1)) (* 1) (* 1))	tine length 7736 kg (17,054 lb.) 7515 kg (16,568 lb.) 6639 kg (14,636 lb.) 6330 kg	tine length 7342 kg (16,186 lb.) 7134 kg (15,728 lb.) 6291 kg (13,869 lb.)	tine length 7296 kg (16,085 lb.) 7104 kg (15,662 lb.) 6232 kg	tine length 6937 kg (15,293 lb.) 6759 kg (14,901 lb.) 5915 kg	tine length 8505 kg (18,750 lb.) 8283 kg (18,261 lb.) 7350 kg	<i>tine length</i> 8061 kg (17,771 lb.) 7851 kg (17,308 lb.) 6957 kg
Tipping Load, Straight, No Tire8806Deflection(19,4)Tipping Load, Straight, with Tire8553Deflection(18,8)Tipping Load, 40-deg. Full Turn,7602No Tire Deflection(16,76)Tipping Load, 40-deg. Full Turn,7251with Tire Deflection(15,96)Rated Operating Load, 50% Full-Turn3626Tipping Load, with Tire Deflection(7,992)(conforms to ISO 14397-1 and SAEJ1197)*Rated Operating Load, Rough4351Terrain, 60% Full-Turn Tipping Load,(9,59)with Tire Deflection (conforms toEN474-3)*	18 kg 832 418 lb.) (18, 3 kg 809 856 lb.) (17, 2 kg 717 760 lb.) (15, 1 kg 689 986 lb.) (15,	28 kg 5 3,360 lb.) (991 kg 5 838 lb.) (78 kg 6 5,825 lb.) (558 kg 6	7736 kg (17,054 lb.) 7515 kg (16,568 lb.) 6639 kg (14,636 lb.) 6330 kg	7342 kg (16,186 lb.) 7134 kg (15,728 lb.) 6291 kg (13,869 lb.)	7296 kg (16,085 lb.) 7104 kg (15,662 lb.) 6232 kg	6937 kg (15,293 lb.) 6759 kg (14,901 lb.) 5915 kg	8505 kg (18,750 lb.) 8283 kg (18,261 lb.) 7350 kg	8061 kg (17,771 lb.) 7851 kg (17,308 lb.) 6957 kg
Deflection(19,41)Tipping Load, Straight, with Tire8553Deflection(18,81)Tipping Load, 40-deg. Full Turn,7602No Tire Deflection(16,76)Tipping Load, 40-deg. Full Turn,7251with Tire Deflection(15,96)Rated Operating Load, 50% Full-Turn3626Tipping Load, with Tire Deflection(7,992)(conforms to ISO 14397-1 and SAEJ1197)*Rated Operating Load, Rough4351Terrain, 60% Full-Turn Tipping Load,(9,59)with Tire Deflection (conforms toEN474-3)*	418 lb.) (18, 3 kg 809 856 lb.) (17, 2 kg 717 760 lb.) (15, 1 kg 68 986 lb.) (15,	8,360 lb.) ()91 kg 5 ,838 lb.) (78 kg 6 5,825 lb.) (958 kg 6	(17,054 lb.) 7515 kg (16,568 lb.) 6639 kg (14,636 lb.) 6330 kg	(16,186 lb.) 7134 kg (15,728 lb.) 6291 kg (13,869 lb.)	(16,085 lb.) 7104 kg (15,662 lb.) 6232 kg	(15,293 lb.) 6759 kg (14,901 lb.) 5915 kg	(18,750 lb.) 8283 kg (18,261 lb.) 7350 kg	(17,771 lb.) 7851 kg (17,308 lb.) 6957 kg
Tipping Load, Straight, with Tire8533Deflection(18,81)Tipping Load, 40-deg. Full Turn,7602No Tire Deflection(16,76)Tipping Load, 40-deg. Full Turn,7251with Tire Deflection(15,98)Rated Operating Load, 50% Full-Turn3626Tipping Load, with Tire Deflection(7,99)(conforms to ISO 14397-1 and SAEJ1197)*Rated Operating Load, Rough4351Terrain, 60% Full-Turn Tipping Load,(9,59)with Tire Deflection (conforms toEN474-3)*	3 kg 80 356 lb.) (17, 2 kg 717 760 lb.) (15, 1 kg 68 386 lb.) (15,	91 kg (; ;838 lb.) (78 kg (; ;825 lb.) (;58 kg (;	7515 kg (16,568 lb.) 6639 kg (14,636 lb.) 6330 kg	7134 kg (15,728 lb.) 6291 kg (13,869 lb.)	7104 kg (15,662 lb.) 6232 kg	6759 kg (14,901 lb.) 5915 kg	8283 kg (18,261 lb.) 7350 kg	7851 kg (17,308 lb.) 6957 kg
Deflection(18,89)Tipping Load, 40-deg. Full Turn,7602No Tire Deflection(16,76)Tipping Load, 40-deg. Full Turn,7251with Tire Deflection(15,98)Rated Operating Load, 50% Full-Turn3626Tipping Load, with Tire Deflection(7,992)(conforms to ISO 14397-1 and SAEJ1197)*Rated Operating Load, Rough4351Terrain, 60% Full-Turn Tipping Load,(9,59)with Tire Deflection (conforms toEN474-3)*	856 lb.) (17,1 2 kg 717 760 lb.) (15, 1 kg 68! 986 lb.) (15,	,838 lb.) (78 kg (6,825 lb.) (858 kg ((16,568 lb.) 6639 kg (14,636 lb.) 6330 kg	(15,728 lb.) 6291 kg (13,869 lb.)	(15,662 lb.) 6232 kg	(14,901 lb.) 5915 kg	(18,261 lb.) 7350 kg	(17,308 lb.) 6957 kg
Tipping Load, 40-deg. Full Turn, No Tire Deflection7602 (16,76)Tipping Load, 40-deg. Full Turn, with Tire Deflection7251 (15,98)Rated Operating Load, 50% Full-Turn Tipping Load, with Tire Deflection (conforms to ISO 14397-1 and SAE J1197)*3626 (7,992)Rated Operating Load, Rough Terrain, 60% Full-Turn Tipping Load, with Tire Deflection (conforms to EN474-3)*4351 (9,59)	2 kg 717 760 lb.) (15, 1 kg 685 986 lb.) (15,	78 kg (6,825 lb.) (958 kg (6639 kg (14,636 lb.) 6330 kg	6291 kg (13,869 lb.)	6232 kg	5915 kg	7350 kg	6957 kg
No Tire Deflection(16,76Tipping Load, 40-deg. Full Turn, with Tire Deflection7251with Tire Deflection(15,96Rated Operating Load, 50% Full-Turn (conforms to ISO 14397-1 and SAE J1197)*3626Rated Operating Load, Rough Terrain, 60% Full-Turn Tipping Load, with Tire Deflection (conforms to EN474-3)*4351	760 lb.) (15, 1 kg 685 986 lb.) (15,	5,825 lb.) (158 kg ((14,636 lb.) 6330 kg	(13,869 lb.)	5	2	5	2
Tipping Load, 40-deg. Full Turn, with Tire Deflection7251 (15,98)Rated Operating Load, 50% Full-Turn Tipping Load, with Tire Deflection (conforms to ISO 14397-1 and SAE J1197)*3626 (7,99)Rated Operating Load, Rough Terrain, 60% Full-Turn Tipping Load, with Tire Deflection (conforms to EN474-3)*4351 (9,59)	1 kg 685 986 lb.) (15,	58 kg (6330 kg	. , .	(13,/39 lb.)	(13.04) ID.J		115 118 10
with Tire Deflection(15,98)Rated Operating Load, 50% Full-Turn3626Tipping Load, with Tire Deflection(7,99)(conforms to ISO 14397-1 and SAEJ1197)*Rated Operating Load, Rough4351Terrain, 60% Full-Turn Tipping Load,(9,59)with Tire Deflection (conforms toEN474-3)*	986 lb.) (15,	2	2		FOLCI			
Rated Operating Load, 50% Full-Turn3626Tipping Load, with Tire Deflection(7,992)(conforms to ISO 14397-1 and SAEJ1197)*Rated Operating Load, Rough4351Terrain, 60% Full-Turn Tipping Load,(9,59)with Tire Deflection (conforms toEN474-3)*	,		(13.955 lb.)	(13,241 lb.)	5946 kg (13.109 lb.)	5643 kg (12,441 lb.)	7023 kg (15.483 lb.)	6648 kg (14,656 lb.
(conforms to ISO 14397-1 and SAE J1197)*AttackRated Operating Load, Rough4351Terrain, 60% Full-Turn Tipping Load, with Tire Deflection (conforms to EN474-3)*(9,59)	6 kg 342		3165 kg	3003 kg	2973 kg	2822 kg	3512 kg	3324 kg
Terrain, 60% Full-Turn Tipping Load, (9,59 with Tire Deflection (conforms to EN474-3)*	93 lb.) (7,5	560 lb.) ((6,978 lb.)	(6,620 lb.)	(6,554 lb.)	(6,220 lb.)	(7,742 lb.)	(7,328 lb.)
with Tire Deflection (conforms to EN474-3)*	1 kg 411!	15 kg 🛛 🗄	3798 kg	3604 kg	3568 kg	3386 kg	4214 kg	3989 kg
Rated Operating Load, Firm and 5801	91 lb.) (9,0	072 lb.) ((8,373 lb.)	(7,945 lb.)	(7,865 lb.)	(7,464 lb.)	(9,290 lb.)	(8,794 lb.)
	1 kg 548	86 kg 5	5064 kg	4805 kg	4757 kg	4514 kg	5618 kg	5318 kg
Level Ground, 80% Full-Turn Tipping (12,78 Load, with Tire Deflection (conforms to EN474-3)*	789 lb.) (12,	,095 lb.) ((11,164 lb.)	(10,593 lb.)	(10,487 lb.)	(9,953 lb.)	(12,386 lb.)	(11,725 lb.)
Operating Weight 16 00								

Loader operating information is based on machine with identified linkage and standard equipment, PowerTech PVX 6068 (EPA Final Tier 4/EU Stage V) engine, ROPS cab, rear cast bumper/counterweight, transmission side-frame guards, bottom guards, standard tires, full fuel tank, and 79-kg (175 lb.) operator. This information is affected by changes in tires, ballast, and different attachments.

*Rated operating capacity based on Deere attachments only.

Adjustments to Operating Weights and Tipping Loads with Buckets

624L Z-BAR / HIGH-LIFT / HIGH-LIFT PLUS / TOOL CARRIER

Adjustments to operating weights, tipping loads, and tires are based on Z-Bar machine with pin-on 2.7-m³ (3.5 cu. yd.) general-purpose bucket with bolt-on cutting edge, ROPS cab, rear cast bumper/counterweight, transmission side-frame guards, bottom guards, standard tires, full fuel tank, and 79-kg (175 lb.) operator*

Add (+) or deduct (–) kg (lb.) as indicated		Tipping Load,	Tipping Load,			
for loaders with 3-piece rims	Operating Weight	Straight	40-deg. Full Turn	Tread Width	Width Over Tires	Vertical Height
Michelin 20.5 R 25, 1 Star L-3 XHA2	0 kg (0 lb.)	0 kg (0 lb.)	0 kg (0 lb.)	0 mm (0 in.)	0 mm (0 in.)	0 mm (0 in.)
Bridgestone 20.5 R 25, 1 Star L-3 VJT	+4 kg (+9 lb.)	+3 kg (+6 lb.)	+3 kg (+6 lb.)	0 mm (0 in.)	+3 mm (+0.1 in.)	–41 mm (–1.6 in.)
Titan 20.5 R 25, 1 Star L-3 STL3	+8 kg (+19 lb.)	+6 kg (+13 lb.)	+5 kg (+13 lb.)	0 mm (0 in.)	–6 mm (–0.2 in.)	–7 mm (–0.3 in.)
Michelin 20.5 R 25, 1 Star L-2 XTLA	–152 kg (–335 lb.)	–110 kg (–242 lb.)	–97 kg (–214 lb.)	0 mm (0 in.)	+5 mm (+0.2 in.)	–10 mm (–0.4 in.)
Bridgestone 20.5 R 25, 1 Star L-2 VUT	–68 kg (–149 lb.)	–49 kg (–108 lb.)	–43 kg (–95 lb.)	0 mm (0 in.)	+4 mm (-0.2 in.)	–10 mm (–0.4 in.)
Titan 20.5 R 25, 1 Star L-2 TGD2	–116 kg (–255 lb.)	–84 kg (–184 lb.)	–74 kg (–162 lb.)	0 mm (0 in.)	–6 mm (–0.2 in.)	–10 mm (–0.4 in.)
Firestone 20.5-25, 16 PR L-3 SRG Bias	–276 kg (–608 lb.)	–200 kg (–440 lb.)	–176 kg (–388 lb.)	0 mm (0 in.)	+9 mm (+0.4 in.)	+6 mm (+0.2 in.)
Titan 20.5-25, 16 PR L-2 Bias	–232 kg (–511 lb.)	+168 kg (+370 lb.)	–148 kg (–326 lb.)	0 mm (0 in.)	+9 mm (+0.4 in.)	–1 mm (0 in.)
Firestone 20.5-25, 16 PR L-2 SGG Bias	–280 kg (–617 lb.)	–203 kg (–446 lb.)	–178 kg (–393 lb.)	0 mm (0 in.)	+6 mm (+0.2 in.)	+2 mm (+0.1 in.)
Michelin 600/65 R 25, 1 Star L-3T XLD§	+16 kg (+36 lb.)	+12 kg (+26 lb.)	+10 kg (+23 lb.)	0 mm (0 in.)	+95 mm (+3.7 in.)	–31 mm (–1.2 in.)
Michelin 20.5 R 25, L2T XSNO-PLUS	–96 kg (–212 lb.)	–69 kg (–153 lb.)	–61 kg (–135 lb.)	0 mm (0 in.)	+7 mm (+0.3 in.)	–33 mm (–1.3 in.)
Michelin 620/75R26 MegaXbib ^{£®}	–207 kg (–457 lb.)	–150 kg (–331 lb.)	–132 kg (–291 lb.)	+86 mm (+3.4 in.)	+147 mm (+5.8 in.)	+23 mm (+0.9 in.)
Michelin 750/65R26 MegaXbib ^{£®}	+37 kg (+81 lb.)	+27 kg (+58 lb.)	+23 kg (+51 lb.)	+222 mm (+8.7 in.)	+422 mm (+16.6 in.)	+36 mm (+1.4 in.)
CaCl ₂ in 20.5-25, L-3 Rear Tires, 75% Fill	+825 kg (+1,820 lb.)	+1193 kg (+2,631 lb.)	+1051 kg (+2,318 lb.)	N/A	N/A	N/A

*May change based on vehicle configuration, weight, or tire-pressure adjustments.

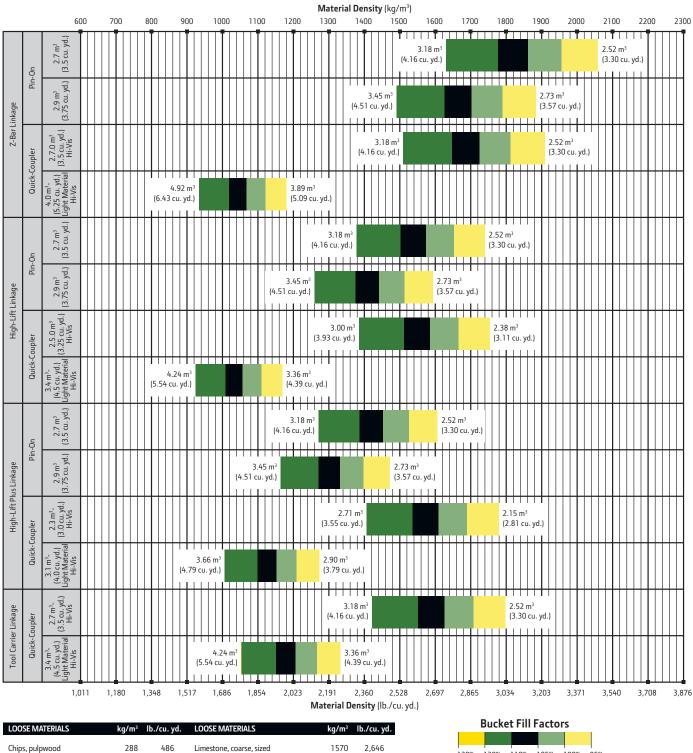
[§]CaCl, not recommended.

[£]Equipped with 1-piece rims.

[®]Requires 8-deg. rear axle stops.



624L Z-BAR / HIGH-LIFT / HIGH-LIFT PLUS / TOOL CARRIER



130% 120% 110% 105% 100% 95%

Chips, pulpwood	288	486	Limestone, coarse, sized	1570	2,646
Cinders (coal, ashes, clinkers)	673	1,134	Limestone, mixed sizes	1682	2,835
Clay and gravel, dry	1602	2,700	Limestone, pulverized or crushed	1362	2,295
Clay, compact, solid	1746	2,943	Sand, damp	2083	3,510
Clay, dry in lump loose	1009	1,701	Sand, dry	1762	2,970
Clay, excavated in water	1282	2,160	Sand, voids, full of water	2083	3,510
Coal, anthracite, broken, loose	865	1,458	Sandstone, quarried	1314	2,214
Coal, bituminous, moderately wet	801	1,350	Shale, broken crushed	1362	2,295
Earth, common loam, dry	1218	2,052	Slag, furnace granulated	1955	3,294
Earth, mud, packed	1843	3,105	Stone or gravel, 37.5 to 87.5-mm		
Granite, broken	1538	2,592	(1.5 to 3.5 in.) size	1442	2,430
Gypsum	2275	3,834	Stone or gravel, 18.75-mm (0.75 in.) size	1602	2,700

Additional equipment

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

524	544	624	Engine
•	•	•	Wet-sleeve cylinder liners
•			Automatic glow plugs for cold start
•	•	•	Programmable auto-idle and auto shutdown
•			Selected idle adjustment from 900–1,250 rpm
•	•	•	Starter protection
			Automatic engine cool-down timer
•	•	•	Automatic derating for exceeded system temperatures
			Serpentine drive belt for automatic tensioner
•	•	•	Electrical fuel-priming pump
			Dual-stage fuel filter and water separator
•	•	•	500-hour vertical spin-on oil filter
			Engine-compartment light
			Chrome exhaust stack
			Engine-block heater (recommended for cold starts below –23 deg. C [–10 deg. F])
			Centrifugal engine air pre-cleaner
			Throttle lock
			Powertrain
•	•	•	Programmable maximum high gear
•			Clutch calibration engaged from monitor
•	•	•	2,000-hour vertical spin-on transmission filter
•			Transmission fill tube and sight gauge
•	•	•	Transmission diagnostic ports
			5-speed transmission with lockup torque converter
•			5-speed transmission with non-lockup torque converter
		•	Front locking differential
			Rear locking differential
	•	•	Brake retractors and adjusters
			Automatic differential lock
	•	•	Axle oil temperature sensing
			Wheel-spin control
			Quad-Cool™ Cooling System
	•	•	Heavy-duty, trash-resistant radiator and high-ambient cooling package
	•	•	2-side access to all coolers
	-	•	Isolated from engine compartment
	-		Engine radiator
	-	•	Integral engine oil cooler Hydraulic oil cooler (oil to air)
			Hydraulic oil cooler (oil to air) Transmission oil cooler (oil to air)
		•	Charge air cooler (air to air)
			Fuel cooler
			Coolant recovery tank
			Antifreeze, –37 deg. C (–34 deg. F)
		•	Cool-on-demand, hydraulically driven, swing-out fan
		•	Enclosed fan safety guard
			Automatic reversing fan drive
		•	Axle and service-brake coolers
-	-	-	AND AND SET VICE-DI ARE COULETS

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524	544	624	Hydraulics
•	•	•	In-cab adjustable automatic return-to-dig bucket positioner
	•	•	In-cab adjustable automatic boom-height kickout/return to carry
•	•	•	Reservoir with sight gauge and fill strainer
		•	Hydraulic diagnostic ports
•	•	•	4,000-hour in-tank filter
	•	•	2 function — joystick with F-N-R
			2 function – 2-lever fingertip controls and steering column F-N-R
			3 function – joystick with F-N-R and integrated 3rd-function roller
			3 function – 3-lever fingertip controls and steering column F-N-R
			4 function – joystick with F-N-R and integrated 3rd/4th function rollers
•	٠	٠	2 programmable multifunction buttons
			Adjustable and continuous hydraulic-flow settings
•	٠	٠	Programmable attachment settings
			Ride control, automatic with monitor-adjustable speed settings
			Hydraulic control system for quick-coupler locking pins
			Hydrau [™] XR cold-temperature hydraulic fluid recommended below -25 deg. C. (–13 deg. F)
			Steering Systems
•	٠	٠	Conventional steering wheel with spinner knob
			Secondary steering
			Electrical
			Solid-state electrical power-distribution system
			Lockable master electrical-disconnect switch
		•	Battery-terminal safety covers
			By-pass start safety cover at starter
	٠	٠	Remote jump-start access in battery box
			Pre-wired for beacon/strobe light
•	•	•	Lights: Halogen driving lights with guards (2) / Front (4), rear cab (2), and rear grille (2) work lights / LED front turn signals and flashers / LED stop and taillights
			Premium LED light package (all exterior lights are heavy-duty LED)
•	•	٠	Programmable courtesy lights
			Horn, electric
			Reverse warning alarm
•	•	•	Multifunction/multi-language 178-mm (7 in.) LCD color monitor includes: Digital instruments — Analog display (hydraulic oil temperature, engine coolant temperature, transmission oil temperature, and engine oil pressure) / Digital display (engine rpm, transmission gear/direction indicator, hour meter, fuel level, diesel exhaust fluid (DEF) level, speedometer, odometer, and average fuel consumption)
			Multifunction/multi-language 127-mm (5 in.) LCD color monitor includes: Digital instruments — Analog display (hydraulic oil temperature, engine coolant temperature, transmission oil temperature, and engine oil pressure) / Digital display (engine rpm, transmission gear/direction indicator, hour meter, fuel level, DEF level, speedometer, odometer, and average fuel consumption)
			Integrated cycle counter with 5 categories
•	٠	٠	Indicator lights: Standard and selected options / Amber caution and

Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan at test conditions per ISO 9249. No derating is required up to 3050-m (10,000 ft.) altitude. Specifications and design subject to change without notice. Specifications with the exception of bucket capacity are in accordance with all applicable ISO standards. Except where otherwise noted, these specifications are based on units with applicable linkage and standard equipment, ROPS cab, rear cast bumper/counterweight, transmission side-frame guards, bottom guards, standard tires, full fuel tank, and 79-kg (175 lb.) operator.

red stop

Additional equipment (cont.)

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

524	544	624	Electrical (continued)
524	544	024	Operator-warning messages
		•	Built-in diagnostics: Diagnostic-code details / Sensor values /
		•	Calibrations / Individual circuit tester
			Electrical corrosion-prevention package
			Standard AM/FM/Weather-Band (WB) radio with remote auxiliary port
			Premium AM/FM/WB radio with Bluetooth®, remote auxiliary port, and remote USB port (premium cab only)
			24- to 12-volt, 8-amp converter and 76-mm (3 in.) cab power ports
			24- to 12-volt, 15- or 30-amp converter and 76-mm (3 in.) cab power ports
			Operator's Station
•	•	•	Standard cab with air conditioning/heater (ROPS/FOPS Level 1, isolation mounted)
			Premium cab with air conditioning/heater (ROPS/FOPS Level 1, isolation mounted)
			Automatic temperature control (premium cab only)
•		٠	Keyless start with multiple security modes
٠	٠	٠	Sealed-switch module with function indicators
•	•	•	Seat with backrest extension, deep foam, fabric cover, and adjustable air suspension
			Premium seat with high-wide back and headrest extension, heated and ventilated, leather/fabric cover, and adjustable heavy-duty air suspension
			Hydraulic controls integrated to seat
	٠	٠	High-visibility, bright-orange seat belt, 76 mm (3 in.), with retractor
			Cup holder and cup/thermos holder with retaining strap
٠	٠	٠	Lunch-box/cooler holder with tie-down brackets
			Coat hook
٠	٠	٠	LED dome and reading light
			Rubber floor mat
٠	٠	٠	Dual-tilt steering column
			Operator's manual storage compartment
٠	•	•	Outside (2) and inside (1) rearview mirrors
			Heated outside mirrors with convex lens
•	•	•	In-cab adjustable heated outside mirrors with convex lens (premium cab only)
•	•	•	Left-side operator-station access
•	•	•	Slip-resistant steps and ergonomic handholds
•	•	•	Pull-down front sun visor
•	•	•	Front and rear intermittent windshield wipers and washers
			Powered cab air pre-cleaner
A		A	Beacon bracket only
			Beacon bracket with strobe beacon
A		A	Rearview camera
			Rearview camera and radar object-detection system
	_		Dedicated 178-mm (7 in.) rear camera display
•	•		LOADRITE [™] L2180 [™] Payload Scale Ready
			LOADRITE L2180 Payload Scale

524	544	624	Operator's Station (continued)
			Embedded payload scale
			Fire extinguisher
			Loader Linkage
	٠	٠	Z-Bar loader linkage (parallel lift)
			High-Lift Z-Bar loader linkage (parallel lift)
			High-Lift Plus Z-Bar loader linkage (parallel lift)
			Tool Carrier linkage for visibility (parallel lift)
			Buckets and Attachments
			Full line of Deere pin-on buckets
			Worksite Pro [™] hydraulic coupler which accepts JRB-pattern attachments
			Hi-Vis hydraulic coupler which accepts Euro-pattern attachments (ISO)
			Full line of Deere hook-on buckets and forks
			Overall Vehicle
•	•	•	JDLink [™] wireless communication system (available in specific countries; see your dealer for details)
			NeverGrease [™] rear-axle oscillation
•	•	•	Front and rear tie-downs
			Rear cast bumper/counterweight with rear hitch and locking pin
•	•	•	Articulation locking bar
	•	•	Loader boom service locking bar
•	•	•	40-deg. steering articulation to each side with rubber-cushion stops on frame
•	•	•	Vandal protection with lockable engine enclosures, right counterweight storage, and filler access for radiator/fuel/DEF/hydraulic transmission
•	•	•	Left-side service steps and handholds
			Right-side service steps and handrails
			Left-side close-mounted steps
			Storage compartment
•	•	•	Fuel-tank fill strainer
	•	•	Heavy-duty fuel-tank guard
•	•	•	DEF and ground-level fueling
•	•	•	Same-side ground-level daily servicing
	•	•	20.5R25 tires on 3-piece rims
			Ag material-handling package
			Waste handler (Z-Bar and High-Lift)
			Environmental drains and sample ports for engine, transmission, hydraulic oils, and engine coolant
	•	•	Fenders, front narrow
			Fenders, front full width
			Fenders, front and rear full width
			Fenders, front and rear full width with mudflaps
			Less wheels and tires with 8-deg. axle stops Rims less tires
			Transmission side-frame and bottom guards
			Lift eyes
			License-plate bracket and light
			Special guarding for waste applications
			Special guarding for waste applications

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DKALULDR Litho in U.S.A. (19-04)