

244K-II / 324K

52 kW (70 net hp)



JOHN DEERE



Productive, compact, and ready for anything.

Need a compact loader to get big results? Step up to the heavy-lifting 244K-II and 324K, including the new 324K High-Lift. These versatile machines combine outstanding maneuverability, travel speed, breakout force, reach, and stability to tackle tasks other machines can't. Oscillating stereo steering delivers a smooth turning radius that's up to 17-percent tighter than comparable loaders — for faster cycle times and better material retention over rough terrain. Add spacious cabs and improved uptime from sealed electrical connections, more durable axles, and extended service intervals, and you've got multipurpose machines that are ready, able, and willing to take on whatever work you've got.



Key specifications	244K	244K-II	324K
Net peak power	48 kW (64 hp)	52 kW (70 hp)	52 kW (70 hp)
Full-turn tipping load	3712 kg (8,183 lb.)	3712 kg (8,183 lb.)	4430 kg (9,766 lb.)
Bucket capacity range	0.8–1.1 m ³ (1.0–1.4 cu. yd.)	0.8–1.1 m ³ (1.0–1.4 cu. yd.)	0.8–1.6 m ³ (1.0–2.1 cu. yd.)
Bucket breakout force	4895 kg (10,792 lb.)	4895 kg (10,792 lb.)	5608 kg (12,364 lb.)
Operating weight	5470 kg (12,060 lb.)	5470 kg (12,060 lb.)	6390 kg (14,087 lb.)

Unique stereo steering makes these compact loaders even more productive, for tight turns and extra agility in close quarters.

100-percent front differential lock is easily activated through a push button on the joystick.

Extended service intervals help maximize uptime.

What others call options, we call standard — return to dig, quick-coupler, high travel-speed range, and buckets from 0.8–1.1 m³ (1.0–1.4 cu. yd.) for the 244K-II and 0.8–1.6 m³ (1.0–2.1 cu. yd.) for the 324K.

EPA Final Tier 4 (FT4) emission-certified four-cylinder diesel engines deliver power without compromise.

Our dealers can work with you to add additional solutions to meet the specific needs of your business, such as extended warranties, customized maintenance and repair agreements, fluid sampling, and much more.





Run in some pretty tight circles.


Navigating crowded jobsites often isn't easy. While other machines are frequently forced into three-point turns (or worse), the oscillating stereo steering of the nimble 244K-II and 324K Loaders allows a tight turning radius (3.51 m [138 in.] for the 244K-II and 3.78 m [149 in.] for the 324K) for optimized maneuverability. Delivers higher tipping load capacities, too. What's more, the hydrostatic drivetrain's infinitely variable range lets you precisely match travel speed to the work at hand. So you can inch ahead while maintaining full hydraulic power. Or max out at a quick 30 km/h (19 mph) for the 244K-II and 28 km/h (17 mph) for the 324K. Move more materials, more quickly, and more efficiently. Without running yourself ragged.



1. The 244K-II and 324K turn tight but articulate less, keeping the center of gravity and ballast in line to counteract load forces — for impressive full-turn tipping-load capacities.
2. Oscillating rear axle and elastic articulation at the pivot smooth the ride for greater material retention and reduced operator fatigue.
3. With increased reach and height to hinge pin, the 324K High-Lift is especially adept at dumping into feed mixers and quickly stacking lighter loads like hay or feed.
4. Tires on single-piece rims deliver sure-footed traction and stability.

Boom float allows easy back dragging for finish grading and cleaning up jobsites.

Manual low-speed differential lock delivers the traction needed to go deeper into the pile for bigger bucket loads. Unlike comparable-size machines, return-to-dig is standard.



Easy to get in. Easy to get working.

Climb aboard and see why the 244K-II or 324K take a back seat to nothing. Sound-suppressed walk-through cab provides ample leg- and headroom, excellent all-around visibility, and one smooth ride. Single lever with F-N-R switch controls all boom and bucket functions, and standard return-to-dig is just a flick-of-the-wrist away. Gauges in the forward console are clearly visible, intuitive, and easy to read. Tilt steering, multi-adjustable suspension seat, electronic monitor, convex mirrors inside and out, and many more productivity-boosting features are also standard.



1. Boom and bucket control, F-N-R, and differential lock are on the same low-effort lever, for convenient single-handed control.

2. Easy-to-read monitor tracks rpm, hours, and more. Warning lights alert operators of any machine issues.

3. Low- and high-speed ranges provide infinitely variable travel speeds from standstill to outstanding standard speeds of 30 km/h (19 mph) for the 244K-II and 28 km/h (17 mph) for the 324K.

4. Oscillating axle/elastic articulation reduces cab tilt by as much as 50 percent, for a smoother ride that's easier on both operator and machine.

Inching/brake pedal lets you slow travel speed while keeping engine rpm high, for optimum hydraulic response and control. Or the operator can employ standard shift on the fly.

Built to handle the toughest jobs — yours.

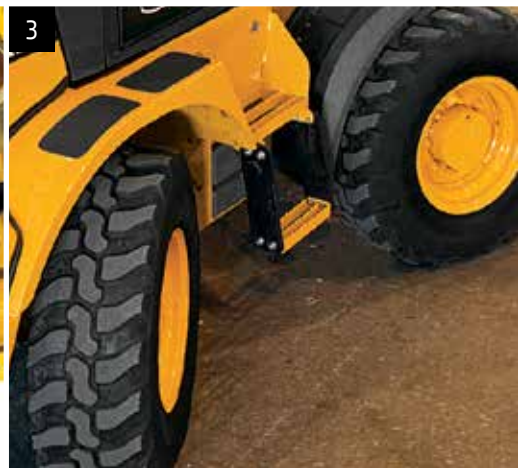
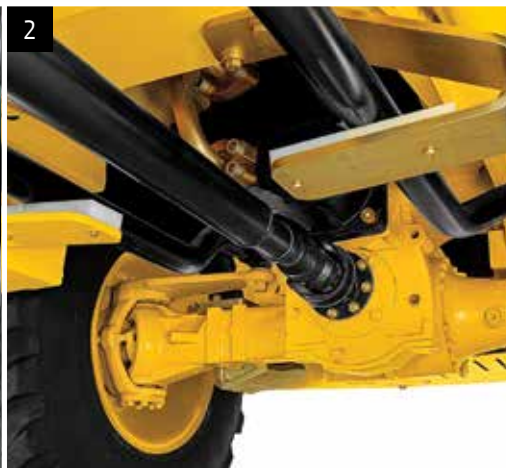
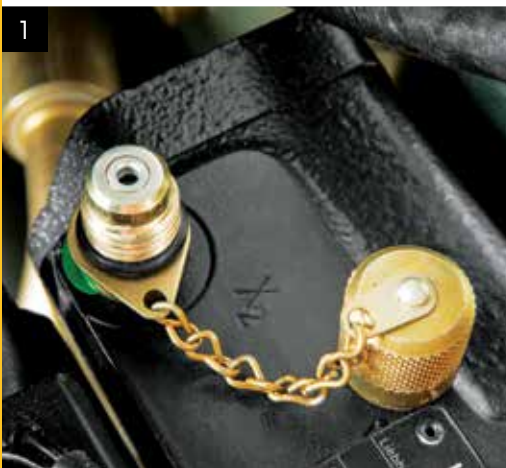
The hardworking 244K-II and 324K increase uptime with everyday toughness and help improve your bottom line with never-say-die durability. They incorporate many of the same downtime-minimizing features found on our larger loaders, including sealed electrical connectors and self-adjusting wet-disc brakes. Help keep your operator out of harm's way, too, with numerous safety features such as automatic park brake, bypass-start protection, slip-resistant steps, and convenient handholds. If it's uptime you demand, the 244K-II and 324K are ready to work wherever and whenever you are.



1. Remote test ports enable technicians to quickly and conveniently troubleshoot problems.

2. Steering linkage is positioned where it's protected and supported by brackets with easily replaceable wear strips.

3. Angled self-cleaning steps and ergonomically positioned grab bars make getting in and out of the cab easier.





4. A/C condenser tilts out and away from the radiator for easier clean-out. Doesn't require draining fluids or disconnecting hoses.

5. Wear-resistant hoses are routed where they're more protected. Heavy-duty articulation joints are strong and durable.

Wet-disc brakes in the heavy-duty axles self-adjust and are sealed from moisture and contaminants, for long, trouble-free life.



Proportional fan runs only as needed to provide optimal cooling, for reduced wear and tear on cooling components, less noise, and lower fuel consumption.

Quiet-running diesel engines meet EPA Final Tier 4 (FT4) non-road emission regulations. So they can work where rigid sound- and air-quality standards exist.



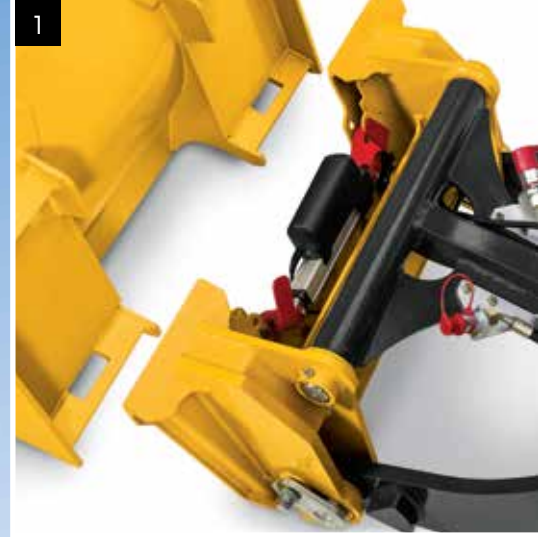
If it's not one thing, it's another.

Why invest in a bunch of specialized machines when the highly versatile 244K-II or 324K can do the job? With a standard pin-type hydraulic quick-coupler, you can go from bucket to forks quickly and easily. Or opt for a Quik-Tatch™ coupler that enables these jack-of-all-trades machines to utilize an even wider array of skid-steer-compatible Worksite Pro™ attachments. Operation is easy, with joystick and third- and fourth-function pilot controls conveniently located at your fingertips. Regardless of how you equip them, the 244K-II and 324K will become the go-to compacts on your worksite.

Reach new heights with the 324K High-Lift configuration. Solid stability when lifting materials and sure bucket rollback to minimize spilling make this a feature you won't want to be without on lighter loads. Add any number of Worksite Pro attachments to optimize performance in your application.

Clear lines of sight to attachments help make switchover quick and easy.

Whether you're shuttling sand or carving through clay, we have the bucket to match the task.



1. If you change attachments often, you'll appreciate the optional push-button-activated skid-steer-style coupler that lets you connect and release attachments quickly, without tools or leaving the seat.

2. Blades, buckets, cold planers, and snow blowers make these loaders natural for removing whatever Mother Nature puts in your way.

3. Scrap and brush-tine grapples let you move a variety of materials — from scrap bales to branches.

4. The 244K-II and 324K are right at home on the farm or the feedlot. Equipped with bale spears, forks, or buckets, these highly maneuverable compacts handle a multitude of chores.

Here's the low-down on low daily operating costs.

We spared no expense to help keep 244K-II and 324K operating costs low. From transverse-mounted diesel engines that provide convenient ground-level service access, to easy-to-change spin-on filters, these versatile loaders will require minimal time and attention, maximizing your uptime. Extended service intervals, environmentally friendly drains, easy-to-read sight gauges — the list of K-Series features that help minimize maintenance goes on and on. And so will the daily operating cost savings you'll enjoy.

Fuel-efficient EPA Final Tier 4 (FT4) emission-certified diesels run 500 hours between oil changes. Hydraulic valve lifters and serpentine belts require little maintenance.

Remote lube bank helps simplify routine service. Convenient maintenance chart helps confirm that nothing is overlooked.

Locking fuel cap and electrical disconnect switch are safeguards against theft and vandalism.

Easy-lift hood and transverse-mounted engine provide convenient ground-level access to daily checkpoints.

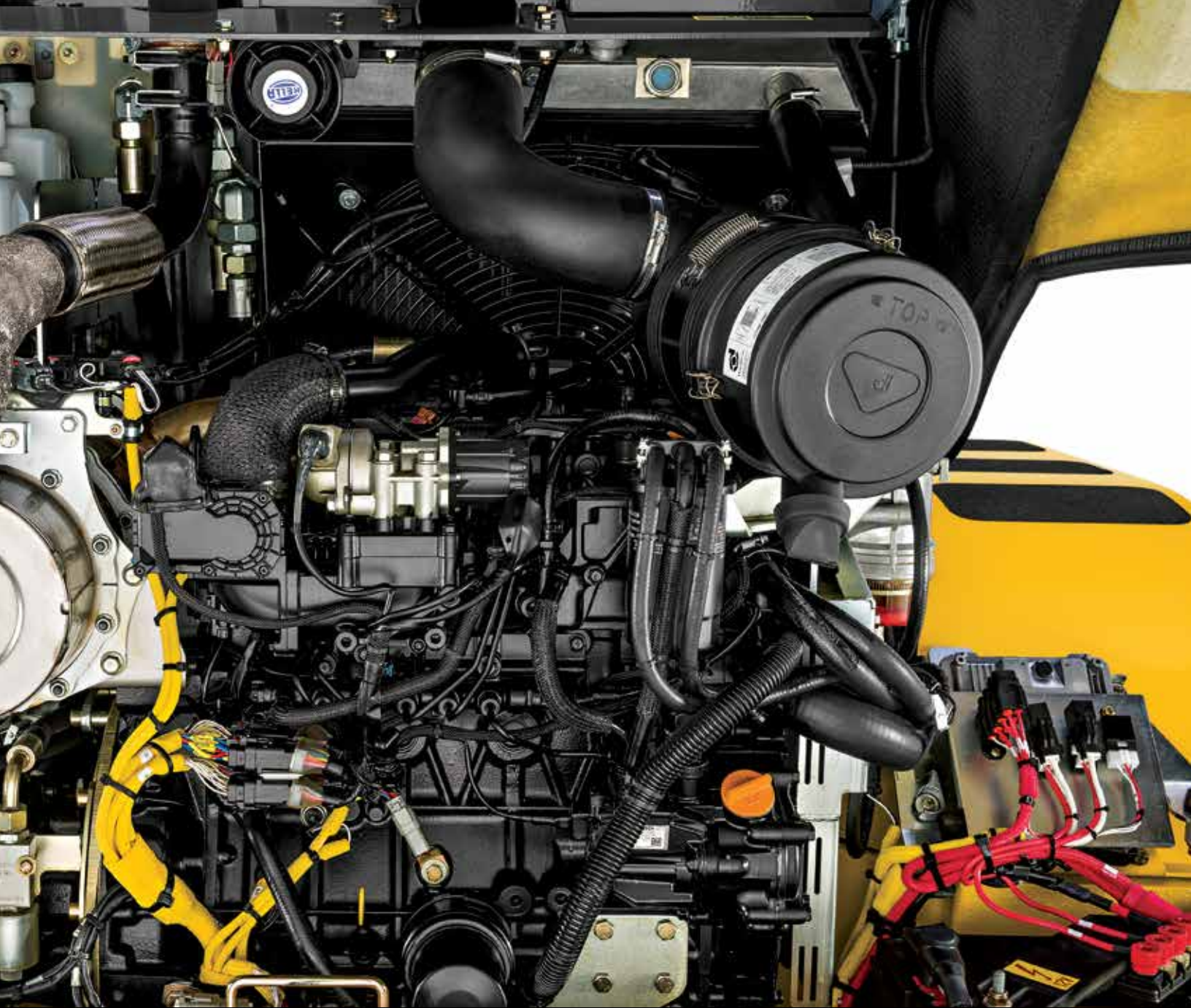


1. Hydraulically driven fan runs only as needed, for efficient cooling, reduced noise, and lower fuel consumption.

2. Easy-access fuse panel accommodates quick checks and changes.

3. Electronic control unit lets service technicians easily retrieve vital operating information and helps diagnose problems more quickly.

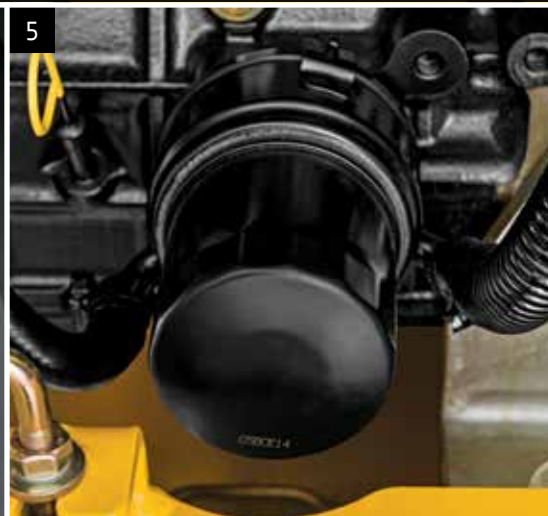




4. Hydraulic fluid sight gauge and see-through coolant reservoir let you check fluid levels at a glance.

5. Easy-access spin-on filters and environmental drains make fluid changes quick and clean.

6. Nobody backs you better than the 1,300-plus John Deere CWP dealers throughout North America.

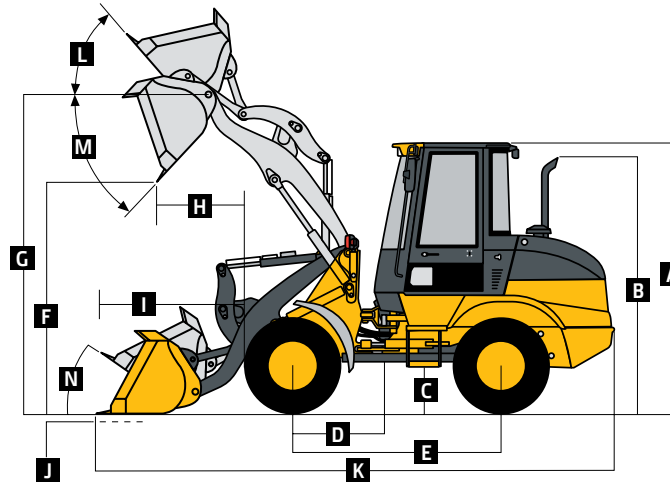


244K-II / 244K

Engine	244K-II	244K
Manufacturer and Model	Yanmar 4TNV98CT	Yanmar 4TNV98C
Non-Road Emission Standard	EPA Final Tier 4	EPA Final Tier 4
Cylinders	4	4
Valves per Cylinder	4	4
Displacement	3.3 L (203 cu. in.)	3.3 L (203 cu. in.)
Net Peak Power at 2,400 rpm (SAE J1349 / ISO 9249)	52 kW (70 hp)	48 kW (64 hp)
Gross Rated Power at 2,400 rpm (ISO 14396)	54 kW (73 hp)	50 kW (67 hp)
Peak Torque at 1,560 rpm	279 Nm (206 lb.-ft.)	235 Nm (173 lb.-ft.)
Engine Bore and Stroke	98 x 110 mm (3.89 x 4.33 in.)	98 x 110 mm (3.89 x 4.33 in.)
Lubrication	Pressure system with full-flow spin-on filter	Pressure system with full-flow spin-on filter
Aspiration	Turbocharged	Naturally aspirated
Air Cleaner	Dual safety element dry type	Dual safety element dry type
Cooling	244K-II / 244K	
Fan	Hydraulically driven, proportionally controlled	
Engine Coolant Rating	-37 deg. C (-34 deg. F)	
Engine Radiator	10 fins per in., water to air	
Hydraulic Cooler	10 fins per in., oil to air	
Powertrain	Hydrostatic (HST) with infinitely variable speed control over full range of operating speeds; 2 speed ranges; joystick-mounted F-N-R; acceleration pedal; HST inching pedal, which allows infinitely reduced travel speeds while maintaining full engine rpm and hydraulic flow	
Type	Hydrostatic (HST) with infinitely variable speed control over full range of operating speeds; 2 speed ranges; joystick-mounted F-N-R; acceleration pedal; HST inching pedal, which allows infinitely reduced travel speeds while maintaining full engine rpm and hydraulic flow	
2 Travel Speeds in Forward and Reverse (equipped with 365/70R18 tires)		
Gear 1	6.92 km/h (4.3 mph)	
Gear 2	29.93 km/h (18.6 mph)	
Axles	Rear center-pivot axle with 10-deg. rear axle oscillation and 10-deg. frame oscillation	
Rear Axle Oscillation Versus Front Axle	20 deg. total, stop to stop	
Differentials	Manual (push-button) 100% locking front, conventional rear	
Maximum Rise and Fall, Single Wheel	254 mm (10 in.)	
Steering	Hydraulic power steering (SAE J1511); 30-deg. articulation left and right with mechanical-actuated rear-wheel-steer steering; 26-deg. rear-wheel steering tied mechanically to articulation; equivalent of 97-deg. conventional steering system articulation	
Steering Wheel Turns, Stop to Stop	4¼ (2 left / 2¼ right)	
Articulation Angle	60-deg. arc (30 deg. each direction)	
Final Drive	Heavy-duty outboard planetary	
Brakes (SAE J1473 / ISO 3450)	Hydraulically actuated, self-adjusting internal wet-disc brake and driveline drum brake	
Service Brakes	Hydraulically actuated, self-adjusting internal wet-disc brake and driveline drum brake	
Parking Brake	Automatically spring-applied, hydraulically released, internal wet disc	
Hydraulics	Fixed-displacement gear pump; open-center system	
Main Pump (loader and steering)	Fixed-displacement gear pump; open-center system	
Standard	67 L/m (17 gpm)	
Total with High-Flow Option	109 L/m (28 gpm)	
Maximum Pressure at Couplings	23 000 kPa (3,335 psi)	
System Relief Pressure		
Loader	23 000 kPa (3,335 psi)	
Steering	18 000 kPa (2,611 psi)	



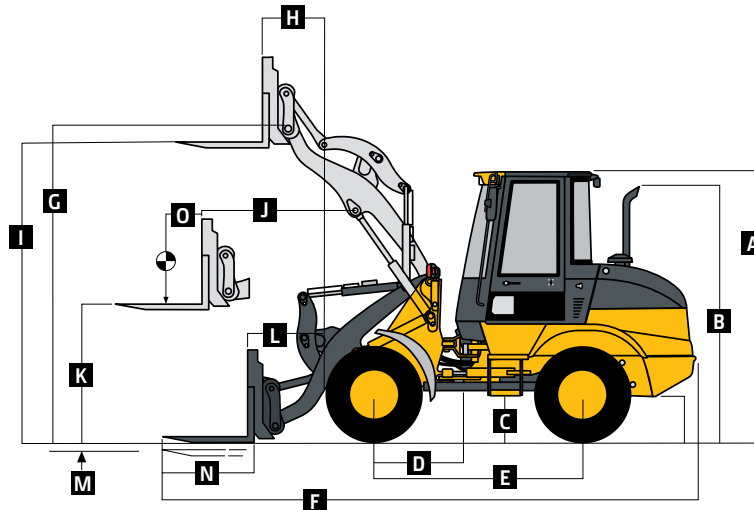
Hydraulics (continued)		244K-II / 244K	
Hydraulic Cycle Times			
Raise	4.2 sec.		
Dump	1.5 sec.		
Lower	3.0 sec.		
Total	8.7 sec.		
Turning Radius			
Measured to Centerline of Outside Tire	3.51 m (11 ft. 6 in.)		
Controls			
Pilot-operated, 3-function valve with single-lever control for boom and bucket, and auxiliary level for standard pin disconnect and auxiliary hydraulics, with control-lever lockout feature; optional additional 4-function valve with push-button control			
Cylinders			
Type	Heat-treated, chrome-plated, polished cylinder rods, hardened steel (replaceable bushings) pivot pins		
	<i>Bore</i>	<i>Rod Diameter</i>	<i>Stroke</i>
Boom	80 mm (3.2 in.)	40 mm (1.6 in.)	510 mm (20.1 in.)
Bucket	80 mm (3.2 in.)	40 mm (1.6 in.)	450 mm (17.7 in.)
Electrical			
Type	Electrical load center with blade-type multi-fused circuits		
Voltage	12 volt		
Number of Batteries	1		
Battery Capacity	925 CCA		
Alternator Rating	80 amp		
Lights (SAE 99)	Driving/front working lights (2), turn signals, flashers, and stop- and taillights		
Tires/Wheels			
Tires on Single-Piece Rims	<i>Tread Width</i>	<i>Width Over Tires</i>	<i>Change in Vertical Height</i>
365/70R18 (standard)	1485 mm (58.5 in.)	1890 mm (74.0 in.)	0 mm (0 in.)
400/70R20 (optional)	1525 mm (60.0 in.)	1930 mm (76.0 in.)	43 mm (1.7 in.)
405/70R18 (optional)	1525 mm (60.0 in.)	1930 mm (76.0 in.)	22 mm (1.0 in.)
Serviceability		244K-II	244K
Refill Capacities			
Cooling System (engine and radiator)	12 L (12.7 qt.)		11 L (11.6 qt.)
Differential and Planetary Axle			
Front	4 L (4.3 qt.)		4 L (4.3 qt.)
Rear	4 L (4.3 qt.)		4 L (4.3 qt.)
Engine Oil with Filter	10 L (10.8 qt.)		10 L (10.8 qt.)
Fuel Tank	80 L (21.1 gal.)		80 L (21.1 gal.)
Hydraulic/HST Reservoir with Filter	55 L (14.5 gal.)		55 L (14.5 gal.)
HST Motor Gearbox	0.7 L (0.8 qt.)		0.7 L (0.8 qt.)
Front/Rear Axle Planetary Hubs (each)	0.9 L (1.0 qt.)		0.9 L (1.0 qt.)
Operating Weights		244K-II / 244K	
With standard equipment, 365/70R18 tires, standard counterweight, cab, 79-kg (175 lb.) operator, and full fuel tank			
With Quick-Coupler and 0.8-m ³ (1.0 cu. yd.) Stockpiling/General-Purpose Bucket with Bolt-On Edge	5470 kg (12,060 lb.)		
With Quick-Coupler and 1.1-m ³ (1.4 cu. yd.) Stockpiling/General-Purpose Bucket with Bolt-On Edge	5590 kg (12,325 lb.)		
With Quick-Coupler and Fork	5400 kg (11,906 lb.)		
Optional Components			
Bucket, Stockpiling/General Purpose, with Bolt-On Edge			
0.8 m ³ (1.0 cu. yd.)	334 kg (736 lb.)		
1.1 m ³ (1.4 cu. yd.)	429 kg (946 lb.)		



244K-II / 244K Z-BAR LOADERS WITH ISO QUICK-COUPLER AND BUCKET

Dimensions with ISO Quick-Coupler and Bucket	0.8-m ³ (1.0 cu. yd.) stockpiling/ general purpose with bolt-on edge	1.1-m ³ (1.4 cu. yd.) stockpiling/ general purpose with bolt-on edge
A Height to Top of Cab	2.72 m (8 ft. 11 in.)	2.72 m (8 ft. 11 in.)
B Height to Top of Exhaust	2.59 m (8 ft. 6 in.)	2.59 m (8 ft. 6 in.)
C Ground Clearance	294.64 mm (11.6 in.)	294.64 mm (11.6 in.)
D Length from Centerline to Front Axle	749.30 mm (29.5 in.)	749.30 mm (29.5 in.)
E Wheelbase	2.15 m (7 ft. 1 in.)	2.15 m (7 ft. 1 in.)
F Dump Clearance, 42-deg. Full Height	2.55 m (8 ft. 4 in.)	2.51 m (8 ft. 3 in.)
G Height to Hinge Pin, Fully Raised	3.20 m (10 ft. 6 in.)	3.20 m (10 ft. 6 in.)
H Reach, 42-deg. Dump, Full Height	817.88 mm (32.2 in.)	863.60 mm (34.0 in.)
I Maximum Dump Reach, 42 deg.	1.17 m (3 ft. 10 in.)	1.19 m (3 ft. 11 in.)
J Maximum Digging Depth	78.74 mm (3.1 in.)	78.74 mm (3.1 in.)
K Overall Length, Bucket on Ground	5.28 m (17 ft. 4 in.)	5.23 m (17 ft. 2 in.)
L Maximum Rollback at Full Height	52 deg.	52 deg.
M Bucket Dump at Full Height	42 deg.	42 deg.
N Maximum Rollback at Ground Level	39 deg.	39 deg.
Specifications with ISO Quick-Coupler and Bucket		
Capacity, Heaped (SAE)	0.8 m ³ (1.0 cu. yd.)	1.1 m ³ (1.4 cu. yd.)
Capacity, Struck (SAE)	0.66 m ³ (0.86 cu. yd.)	0.90 m ³ (1.18 cu. yd.)
Bucket Width	1.90 m (6 ft. 3 in.)	2.20 m (7 ft. 3 in.)
Breakout Force (SAE J732C)	4895 kg (10,792 lb.)	4410 kg (9,722 lb.)
Tipping Load, Straight	4065 kg (8,962 lb.)	4042 kg (8,912 lb.)
Tipping Load, Full Turn (SAE)	3712 kg (8,183 lb.)	3690 kg (8,137 lb.)
Rated Operating Load, 50% of Full-Turn Tipping Load (conforms to ISO 14397-1)*	1856 kg (4,092 lb.)	1845 kg (4,069 lb.)
Loader Clearance Circle, Bucket Carry Position	7.38 m (24 ft. 3 in.)	7.57 m (24 ft. 10 in.)

*Rated operating capacity based on Deere attachments only.



244K-II / 244K Z-BAR LOADERS WITH ISO QUICK-COUPLER AND FORK

Dimensions with ISO Quick-Coupler and Fork 1.20-m (47.2 in.) tine length

A	Height to Top of Cab	2.72 m (8 ft. 11 in.)
B	Height to Top of Exhaust	2.59 m (8 ft. 6 in.)
C	Ground Clearance	294.64 mm (11.6 in.)
D	Length from Centerline to Front Axle	749.30 mm (29.5 in.)
E	Wheelbase	2.15 m (7 ft. 1 in.)
F	Overall Length, Forks on Ground	5.79 m (19 ft. 0 in.)
G	Height to Hinge Pin, Fully Raised	3.20 m (10 ft. 6 in.)
H	Reach, Fully Raised	551.18 mm (21.7 in.)
I	Fork Height, Fully Raised	3.04 m (10 ft. 0 in.)
J	Maximum Reach, Fork Level	1.26 m (4 ft. 2 in.)
K	Fork Height, Maximum Reach	1.45 m (4 ft. 9 in.)
L	Reach, Ground Level	741.68 mm (29 in.)
M	Depth Below Ground	50.80 mm (2 in.)
N	Tine Length	1.20 m (47.2 in.)
O	Load Position, 50% Tine Length	600 mm (23.6 in.)

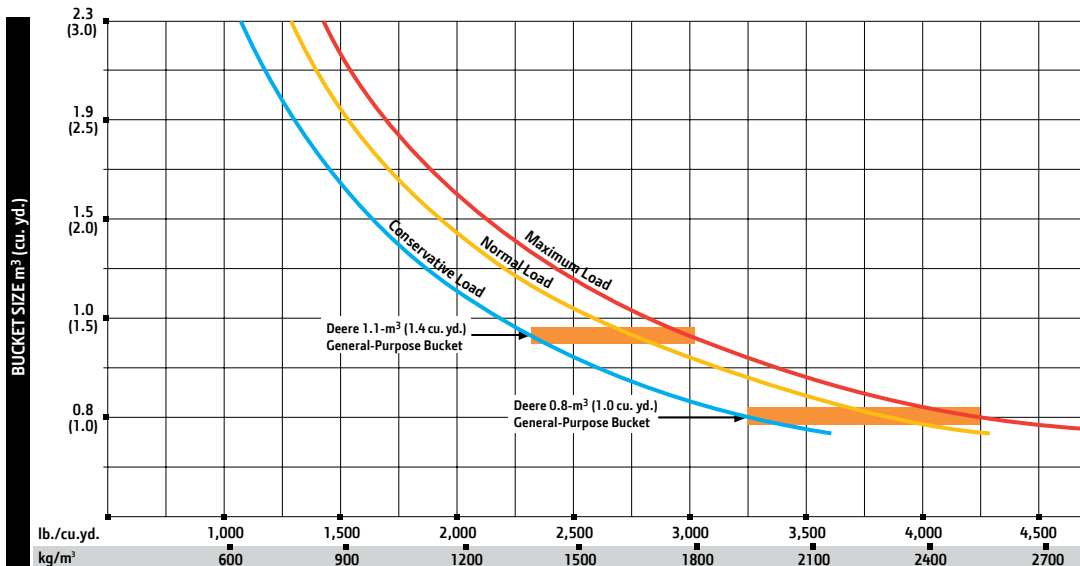
Specifications with ISO Quick-Coupler and Fork As measured with fork level, centered on tine

Tipping Load, Straight	3145 kg (6,933 lb.)
Tipping Load, Full Turn	2652 kg (5,846 lb.)
Rated Operating Load, 50% Full-Turn Tipping Load (conforms to SAE J1197 / ISO 14397-1)*	1326 kg (2,923 lb.) [†]
Rated Operating Load, Rough Terrain, 60% Full-Turn Tipping Load (conforms to EN474-3)*	1660 kg (3,660 lb.) [†]
Rated Operating Load, Firm and Level Ground, 80% Full-Turn Tipping Load (conforms to EN474-3)*	2212 kg (4,786 lb.) [†]

*Rated operating capacity based on Deere attachments only.

[†]Payload on forks is limited by tilt cylinder.

Bucket Selection Guide*



LOOSE MATERIALS	kg/m³	lb./cu. yd.
Chips, pulpwood	288	486
Cinders (coal, ashes, clinkers)	673	1,134
Clay and gravel, dry	1602	2,700
Clay, compact, solid	1746	2,943
Clay, dry in lump loose	1009	1,701
Clay, excavated in water	1282	2,160
Coal, anthracite, broken, loose	865	1,458
Coal, bituminous, moderately wet	801	1,350
Earth, common loam, dry	1218	2,052
Earth, mud, packed	1843	3,105
Granite, broken	1538	2,592
Gypsum	2275	3,834
Limestone, coarse, sized	1570	2,646
Limestone, mixed sizes	1682	2,835
Limestone, pulverized or crushed	1362	2,295
Sand, damp	2083	3,510
Sand, dry	1762	2,970
Sand, voids, full of water	2083	3,510
Sandstone, quarried	1314	2,214
Shale, broken crushed	1362	2,295
Slag, furnace granulated	1955	3,294
Stone or gravel, 37.5 to 87.5-mm (1.5 to 3.5") size	1442	2,430
Stone or gravel, 18.75-mm (3/4") size	1602	2,700

*This guide, representing bucket sizes not necessarily manufactured by Deere, will help you in selecting proper bucket size for material density, loader configuration, and operating conditions. Optimum bucket size is determined after adding or subtracting all tipping load changes due to optional equipment. The "conservative load" line on this guide is recommended when operating in conditions such as soft ground and uneven surfaces. The "maximum load" condition on this guide is sometimes utilized when operating on firm ground and level surfaces.

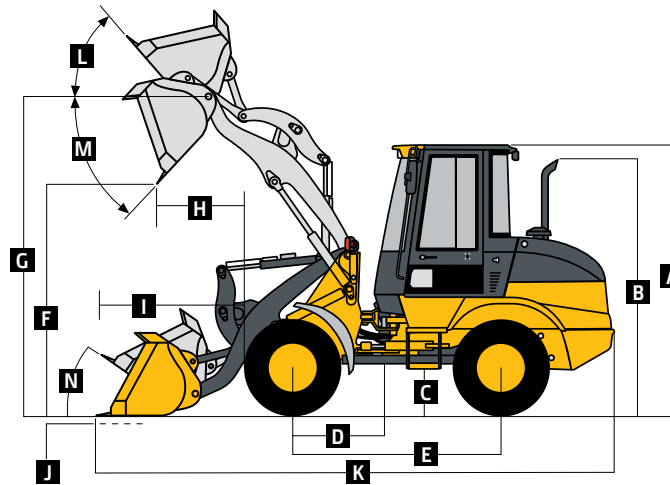
324K



Engine		324K STANDARD LINKAGE / HIGH-LIFT LINKAGE
Manufacturer and Model	Yanmar 4TNV98CT	
Non-Road Emission Standard	EPA Final Tier 4	
Cylinders	4	
Valves per Cylinder	4	
Displacement	3.3 L (203 cu. in.)	
Net Peak Power at 2,400 rpm (SAE J1349 / ISO 9249)	52 kW (70 hp)	
Gross Rated Power at 2,400 rpm (ISO 14396)	54 kW (73 hp)	
Peak Torque at 1,560 rpm	279 Nm (206 lb.-ft.)	
Engine Bore and Stroke	98 x 110 mm (3.89 x 4.33 in.)	
Lubrication	Pressure system with full-flow spin-on filter	
Aspiration	Turbocharged	
Air Cleaner	Dual safety element dry type	
Cooling		
Fan	Hydraulically driven, proportionally controlled	
Engine Coolant Rating	-37 deg. C (-34 deg. F)	
Engine Radiator	10 fins per in., water to air	
Hydraulic Cooler	10 fins per in., oil to air	
Powertrain		
Type	Hydrostatic (HST) with infinitely variable speed control over full range of operating speeds; 2 speed ranges; joystick-mounted F-N-R; acceleration pedal; HST inching pedal, which allows infinitely reduced travel speeds while maintaining full engine rpm and hydraulic flow	
2 Travel Speeds in Forward and Reverse (equipped with 405/70R20 tires)		
Gear 1	6.9 km/h (4.3 mph)	
Gear 2	28.0 km/h (17.4 mph)	
Axles		Rear center-pivot axle with 10-deg. rear axle oscillation and 10-deg. frame oscillation
Rear Axle Oscillation Versus Front Axle	20 deg. total, stop to stop	
Differentials		Manual (push-button) 100% locking front, conventional rear
Maximum Rise and Fall, Single Wheel	290 mm (11 in.)	
Steering		Hydraulic power steering (SAE J1511); 30-deg. articulation left and right with mechanical-actuated rear-wheel-steer steering; 26-deg. rear-wheel steering tied mechanically to articulation; equivalent of 97-deg. conventional steering system articulation
Steering Wheel Turns, Stop to Stop	4¼ (2 left / 2¼ right)	
Articulation Angle	60-deg. arc (30 deg. each direction)	
Final Drive		Heavy-duty outboard planetary
Brakes (SAE J1473 / ISO 3450)		
Service Brakes	Hydraulically actuated, self-adjusting internal wet-disc brake and driveline drum brake	
Parking Brake	Automatically spring-applied, hydraulically released, internal wet disc	
Hydraulics		
Main Pump (loader and steering)	Fixed-displacement gear pump; open-center system	
Standard	93 L/m (24 gpm)	
Total with High-Flow Option	132 L/m (34 gpm)	
Maximum Pressure at Couplings	21 000 kPa (3,045 psi)	
System Relief Pressure		
Loader	18 960 kPa (2,750 psi)	
Steering	18 000 kPa (2,611 psi)	
Hydraulic Cycle Times		
Raise	5.5 sec.	
Dump	1.9 sec.	
Lower	4.2 sec.	
Total	11.6 sec.	



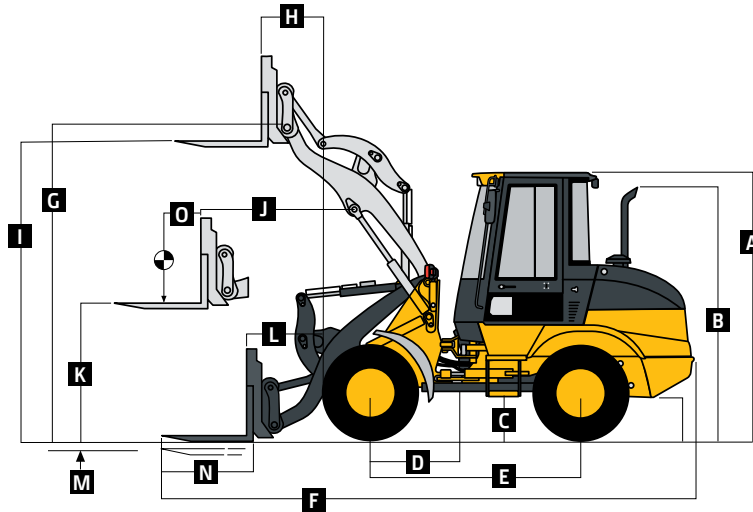
Hydraulics (continued)		324K STANDARD LINKAGE / HIGH-LIFT LINKAGE		
Turning Radius		3.78 m (12 ft. 5 in.)		
Controls		Pilot-operated, 3-function valve with single-lever control for boom and bucket, and auxiliary level for standard pin disconnect and auxiliary hydraulics, with control-lever lockout feature; optional additional 4-function valve with push-button control		
Cylinders				
Type		Heat-treated, chrome-plated, polished cylinder rods, hardened steel (replaceable bushings) pivot pins		
		<i>Bore</i>	<i>Rod Diameter</i>	<i>Stroke</i>
Boom		100 mm (3.9 in.)	50 mm (2.0 in.)	510 mm (20.0 in.)
Bucket				
Standard Linkage		100 mm (3.9 in.)	50 mm (2.0 in.)	450 mm (17.7 in.)
High-Lift Linkage		100 mm (3.9 in.)	50 mm (2.0 in.)	425 mm (16.7 in.)
Electrical				
Type		Electrical load center with blade-type multi-fused circuits		
Voltage		12 volt		
Number of Batteries		1		
Battery Capacity		925 CCA		
Alternator Rating		80 amp		
Lights (SAE 99)		Driving/front working lights (2), turn signals, flashers, and stop- and taillights		
Tires/Wheels				
Tires on Single-Piece Rims		<i>Tread Width</i>	<i>Width Over Tires</i>	<i>Change in Vertical Height</i>
405/70R20 (standard)		1705 mm (67 in.)	2120 mm (83 in.)	0 mm (0 in.)
405/70R18 (optional)		1705 mm (67 in.)	2120 mm (83 in.)	-25 mm (-1 in.)
400/70R20 (optional)		1705 mm (67 in.)	2120 mm (83 in.)	-20 mm (-0.8 in.)
Serviceability				
Refill Capacities				
Cooling System (engine and radiator)		12 L (12.7 qt.)		
Differential and Planetary Axle				
Front		7.3 L (7.7 qt.)		
Rear		6.7 L (7.1 qt.)		
Engine Oil with Filter		10 L (10.8 qt.)		
Fuel Tank		81 L (21.5 gal.)		
Hydraulic/HST Reservoir with Filter		80 L (21.1 gal.)		
HST Motor Gearbox		0.8 L (0.8 qt.)		
Front/Rear Axle Planetary Hubs (each)		0.9 L (0.9 qt.)		
Operating Weights				
With standard equipment, 405/70R20 tires, standard counterweight, cab, 79-kg (175 lb.) operator, and full fuel tank				
With Quick-Coupler and 1.1-m ³ (1.4 cu. yd.) Stockpiling/General-Purpose Bucket with Bolt-On Edge		6390 kg (14,087 lb.)		
With Quick-Coupler and 1.6-m ³ (2.1 cu. yd.) Stockpiling/General-Purpose Bucket with Bolt-On Edge		6473 kg (14,270 lb.)		
With Quick-Coupler and Fork		6233 kg (13,741 lb.)		
Optional Components				
Bucket, 0.8-m ³ (1.0 cu. yd.)		334 kg (736 lb.)		
Bucket, 1.1-m ³ (1.4 cu. yd.), Stockpiling/General Purpose with Bolt-On Edge		429 kg (946 lb.)		
Bucket, 1.6-m ³ (2.1 cu. yd.), Light Material with Bolt-On Edge		512 kg (1,129 lb.)		



324K STANDARD-LINKAGE / HIGH-LIFT-LINKAGE LOADERS WITH ISO QUICK-COUPLER AND BUCKET

	Standard linkage	Standard linkage	High-Lift linkage	High-Lift linkage
	1.1-m ³ (1.4 cu. yd.)	1.6-m ³ (2.1 cu. yd.)	0.8-m ³ (1.0 cu. yd.)	1.6-m ³ (2.1 cu. yd.)
	stockpiling/general purpose with bolt-on edge	light material with bolt-on edge	with bolt-on edge	with bolt-on edge
Dimensions with ISO Quick-Coupler and Bucket				
A Height to Top of Cab	2.79 m (9 ft. 2 in.)	2.79 m (9 ft. 2 in.)	2.79 m (9 ft. 2 in.)	2.79 m (9 ft. 2 in.)
B Height to Top of Exhaust	2.67 m (8 ft. 9 in.)	2.67 m (8 ft. 9 in.)	2.67 m (8 ft. 9 in.)	2.67 m (8 ft. 9 in.)
C Ground Clearance	386 mm (15.2 in.)	386 mm (15.2 in.)	386 mm (15.2 in.)	386 mm (15.2 in.)
D Length from Centerline to Front Axle	749 mm (29.5 in.)	749 mm (29.5 in.)	749 mm (29.5 in.)	749 mm (29.5 in.)
E Wheelbase	2.30 m (7 ft. 7 in.)	2.30 m (7 ft. 7 in.)	2.30 m (7 ft. 7 in.)	2.30 m (7 ft. 7 in.)
F Dump Clearance, 42-deg. Full Height	2.67 m (8 ft. 9 in.)	2.55 m (8 ft. 4 in.)	3.16 m (10 ft. 4 in.)	3.10 m (9 ft. 11 in.)
G Height to Hinge Pin, Fully Raised	3.35 m (11 ft. 0 in.)	3.35 m (11 ft. 0 in.)	3.79 m (12 ft. 5 in.)	3.79 m (12 ft. 5 in.)
H Reach, 42-deg. Dump, Full Height	884 mm (34.8 in.)	937 mm (3 ft. 1 in.)	852 mm (33.5 in.)	934 mm (3 ft. 1 in.)
I Maximum Dump Reach, 42 deg.	1.60 m (5 ft. 3 in.)	1.64 m (5 ft. 4 in.)	1.90 m (6 ft. 3 in.)	1.99 m (6 ft. 6 in.)
J Maximum Digging Depth	69 mm (2.7 in.)	69 mm (2.7 in.)	97 mm (3.8 in.)	97 mm (3.8 in.)
K Overall Length, Bucket on Ground	5.74 m (18 ft. 10 in.)	5.74 m (18 ft. 10 in.)	5.94 m (19 ft. 6 in.)	6.13 m (20 ft. 1 in.)
L Maximum Rollback at Full Height	56 deg.	56 deg.	56 deg.	56 deg.
M Bucket Dump at Full Height	42 deg.	42 deg.	42 deg.	42 deg.
N Maximum Rollback at Ground Level	40 deg.	40 deg.	40 deg.	40 deg.
Specifications with ISO Quick-Coupler and Bucket				
Capacity, Heaped (SAE)	1.1 m ³ (1.4 cu. yd.)	1.6 m ³ (2.1 cu. yd.)	0.8 m ³ (1.0 cu. yd.)	1.6 m ³ (2.1 cu. yd.)
Capacity, Struck (SAE)	0.9 m ³ (1.2 cu. yd.)	1.4 m ³ (1.8 cu. yd.)	0.66 m ³ (0.86 cu. yd.)	1.4 m ³ (1.8 cu. yd.)
Bucket Width	2.20 m (7 ft. 3 in.)	2.40 m (7 ft. 10 in.)	1.90 m (6 ft. 3 in.)	2.40 m (7 ft. 10 in.)
Breakout Force (SAE J732C)	5608 kg (12,364 lb.)	4690 kg (10,340 lb.)	5812 kg (12,813 lb.)	4690 kg (10,340 lb.)
Tipping Load, Straight	4850 kg (10,692 lb.)	4746 kg (10,463 lb.)	4282 kg (9,440 lb.)	4039 kg (8,904 lb.)
Tipping Load, Full Turn (SAE)	4430 kg (9,766 lb.)	4317 kg (9,517 lb.)	3896 kg (8,589 lb.)	3674 kg (8,100 lb.)
Rated Operating Load, 50% of Full-Turn Tipping Load (conforms to ISO 14397-1)*	2215 kg (4,883 lb.)	2159 kg (4,759 lb.)	1948 kg (4,295 lb.)	1837 kg (4,050 lb.)
Loader Clearance Circle, Bucket Carry Position	8.30 m (27 ft. 3 in.)	8.38 m (27 ft. 6 in.)	8.48 m (27 ft. 10 in.)	9.04 m (29 ft. 7 in.)

*Rated operating capacity based on Deere attachments only.



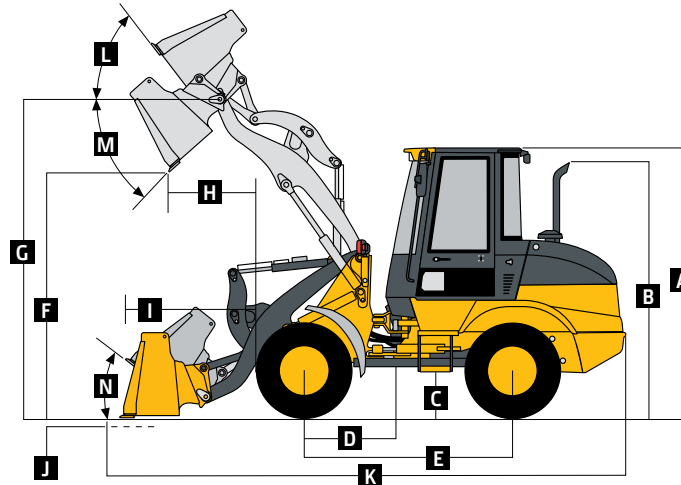
324K STANDARD-LINKAGE / HIGH-LIFT-LINKAGE LOADERS WITH ISO QUICK-COUPLER AND FORK

	<i>Standard linkage</i>	<i>High-Lift linkage</i>
Dimensions with ISO Quick-Coupler and Fork	<i>1.20-m (48 in.) tine length</i>	<i>1.20-m (48 in.) tine length</i>
A Height to Top of Cab	2.79 m (9 ft. 2 in.)	2.79 m (9 ft. 2 in.)
B Height to Top of Exhaust	2.67 m (8 ft. 9 in.)	2.67 m (8 ft. 9 in.)
C Ground Clearance	386 mm (15.2 in.)	386 mm (15.2 in.)
D Length from Centerline to Front Axle	749 mm (29.5 in.)	749 mm (29.5 in.)
E Wheelbase	2.30 m (7 ft. 7 in.)	2.30 m (7 ft. 7 in.)
F Overall Length, Forks on Ground	6.14 m (20 ft. 2 in.)	6.53 m (21 ft. 5 in.)
G Height to Hinge Pin, Fully Raised	3.35 m (11 ft. 0 in.)	3.79 m (12 ft. 5 in.)
H Reach, Fully Raised	569 mm (22.4 in.)	534 mm (21 in.)
I Fork Height, Fully Raised	3.19 m (10 ft. 6 in.)	3.60 m (11 ft. 10 in.)
J Maximum Reach, Fork Level	1.52 m (5 ft. 0 in.)	1.64 m (5 ft. 5 in.)
K Fork Height, Maximum Reach	1.36 m (4 ft. 6 in.)	1.49 m (4 ft. 11 in.)
L Reach, Ground Level	749 mm (29.5 in.)	1189 mm (3 ft. 11 in.)
M Depth Below Ground	36 mm (1.4 in.)	36 mm (1.4 in.)
N Tine Length	1.20 m (48 in.)	1.20 m (48 in.)
O Load Position, 50% Tine Length	600 mm (23.6 in.)	600 mm (23.6 in.)
Specifications with ISO Quick-Coupler and Fork	<i>As measured with fork level, centered on tine</i>	<i>As measured with fork level, centered on tine</i>
Tipping Load, Straight	3573 kg (7,877 lb.)	3301 kg (7,277 lb.)
Tipping Load, Full Turn	3250 kg (7,165 lb.)	3003 kg (6,620 lb.)
Rated Operating Load, 50% Full-Turn Tipping Load (conforms to SAE J1197 / ISO 14397-1)*	1625 kg (3,582 lb.) [†]	1502 kg (3,310 lb.) [†]
Rated Operating Load, Rough Terrain, 60% Full-Turn Tipping Load (conforms to EN474-3)*	2040 kg (4,497 lb.) [†]	1802 kg (3,973 lb.) [†]
Rated Operating Load, Firm and Level Ground, 80% Full-Turn Tipping Load (conforms to EN474-3)*	2500 kg (5,511 lb.) ^{‡§}	2402 kg (5,295 lb.) [†]

*Rated operating capacity based on Deere attachments only.

[†]Payload on forks is limited by tilt cylinder.

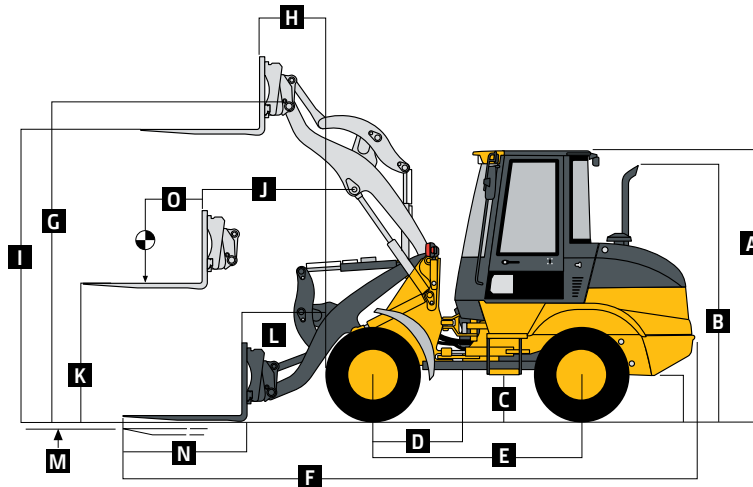
^{‡§}2,500-kg (5,511 lb.) maximum load capacity for the fork carrier (for standard linkage only).



324K STANDARD-LINKAGE / HIGH-LIFT-LINKAGE LOADERS WITH QUIK-TATCH COUPLER AND BUCKET

	<i>Standard linkage</i> 1.1-m ³ (1.4 cu. yd.) stockpiling/general purpose with bolt- on edge	<i>Standard linkage</i> 1.6-m ³ (2.1 cu. yd.) light material with bolt-on edge	<i>High-Lift linkage</i> 0.8-m ³ (1.0 cu. yd.) stockpiling/general purpose with bolt- on edge	<i>High-Lift linkage</i> 1.6-m ³ (2.1 cu. yd.) light material with bolt-on edge
Dimensions with Quik-Tatch Coupler and Bucket				
A Height to Top of Cab	2.79 m (9 ft. 2 in.)	2.79 m (9 ft. 2 in.)	2.79 m (9 ft. 2 in.)	2.79 m (9 ft. 2 in.)
B Height to Top of Exhaust	2.67 m (8 ft. 9 in.)	2.67 m (8 ft. 9 in.)	2.67 m (8 ft. 9 in.)	2.67 m (8 ft. 9 in.)
C Ground Clearance	386 mm (15.2 in.)	386 mm (15.2 in.)	386 mm (15.2 in.)	386 mm (15.2 in.)
D Length from Centerline to Front Axle	749 mm (29.5 in.)	749 mm (29.5 in.)	749 mm (29.5 in.)	749 mm (29.5 in.)
E Wheelbase	2.30 m (7 ft. 7 in.)	2.30 m (7 ft. 7 in.)	2.30 m (7 ft. 7 in.)	2.30 m (7 ft. 7 in.)
F Dump Clearance, 42-deg. Full Height	2.67 m (8 ft. 9 in.)	2.55 m (8 ft. 4 in.)	3.05 m (10 ft. 0 in.)	2.92 m (9 ft. 7 in.)
G Height to Hinge Pin, Fully Raised	3.35 m (11 ft. 0 in.)	3.35 m (11 ft. 0 in.)	3.77 m (12 ft. 4 in.)	3.77 m (12 ft. 4 in.)
H Reach, 42-deg. Dump, Full Height	884 mm (34.8 in.)	937 mm (3 ft. 1 in.)	884 mm (34.8 in.)	1000 mm (3 ft. 3 in.)
I Maximum Dump Reach, 42 deg,	1.60 m (5 ft. 3 in.)	1.79 m (5 ft. 10 in.)	2.10 m (6 ft. 7 in.)	2.14 m (7 ft. 0 in.)
J Maximum Digging Depth	69 mm (2.7 in.)	69 mm (2.7 in.)	97 mm (3.8 in.)	97 mm (3.8 in.)
K Overall Length, Bucket on Ground	5.76 m (18 ft. 11 in.)	5.74 m (18 ft. 10 in.)	5.97 m (19 ft. 7 in.)	6.16 m (20 ft. 4 in.)
L Maximum Rollback at Full Height	56 deg.	56 deg.	56 deg.	56 deg.
M Bucket Dump at Full Height	42 deg.	42 deg.	42 deg.	42 deg.
N Maximum Rollback at Ground Level	40 deg.	40 deg.	40 deg.	40 deg.
Specifications with Quik-Tatch Coupler and Bucket				
Capacity, Heaped (SAE)	1.1 m ³ (1.4 cu. yd.)	1.6 m ³ (2.0 cu. yd.)	0.8 m ³ (1.0 cu. yd.)	1.6 m ³ (2.1 cu. yd.)
Capacity, Struck (SAE)	0.9 m ³ (1.2 cu. yd.)	1.4 m ³ (1.8 cu. yd.)	0.66 m ³ (0.86 cu. yd.)	1.4 m ³ (1.8 cu. yd.)
Bucket Width	2.20 m (7 ft. 3 in.)	2.40 m (7 ft. 10 in.)	2.20 m (7 ft. 3 in.)	2.40 m (7 ft. 10 in.)
Breakout Force (SAE J732C)	4740 kg (10,450 lb.)	4293 kg (9,464 lb.)	5531 kg (12,195 lb.)	4,293 kg (9,464 lb.)
Tipping Load, Straight	4625 kg (10,196 lb.)	4520 kg (9,965 lb.)	3686 kg (8,126 lb.)	3448 kg (7,602 lb.)
Tipping Load, Full Turn (SAE)	4200 kg (9,259 lb.)	4100 kg (9,039 lb.)	3353 kg (7,392 lb.)	3137 kg (6,916 lb.)
Rated Operating Load, 50% of Full-Turn Tipping Load (conforms to ISO 14397-1)*	2100 kg (4,630 lb.)	2050 kg (4,520 lb.)	1677 kg (3,696 lb.)	1569 kg (3,458 lb.)
Loader Clearance Circle, Bucket Carry Position	8.30 m (27 ft. 3 in.)	8.38 m (27 ft. 6 in.)	8.60 m (28 ft. 2 in.)	9.14 m (30 ft. 0 in.)

*Rated operating capacity based on Deere attachments only.



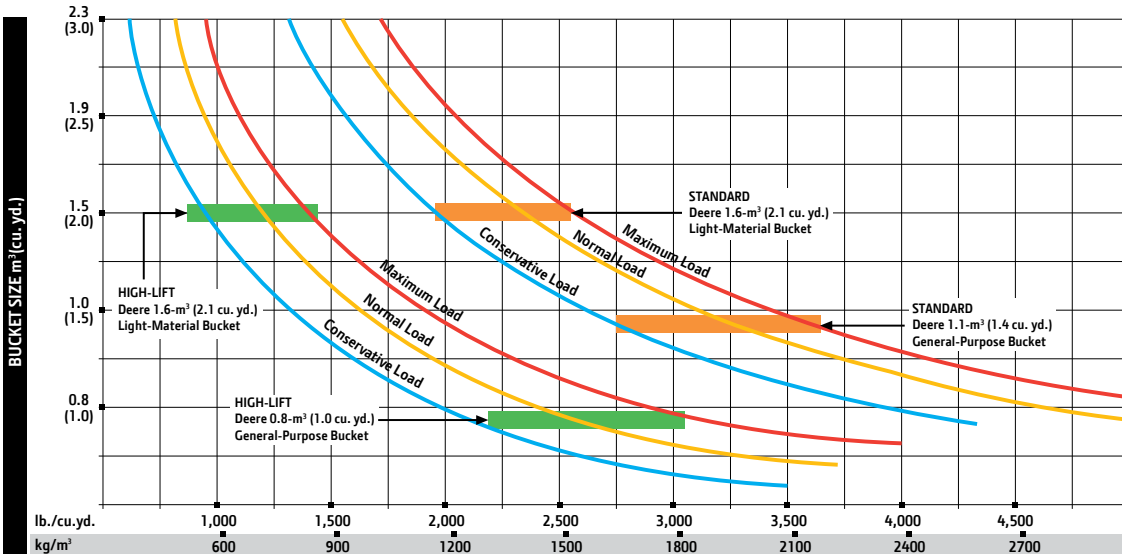
324K STANDARD-LINKAGE / HIGH-LIFT-LINKAGE LOADERS WITH QUIK-TATCH COUPLER AND FORK

	Standard linkage 1.20-m (48 in.) tine length	High-Lift linkage 1.20-m (48 in.) tine length
Dimensions with Quik-Tatch Coupler and Fork		
A Height to Top of Cab	2.79 m (9 ft. 2 in.)	2.79 m (9 ft. 2 in.)
B Height to Top of Exhaust	2.67 m (8 ft. 9 in.)	2.67 m (8 ft. 9 in.)
C Ground Clearance	386 mm (15.2 in.)	386 mm (15.2 in.)
D Length from Centerline to Front Axle	749 mm (29.5 in.)	749 mm (29.5 in.)
E Wheelbase	2.30 m (7 ft. 7 in.)	2.30 m (7 ft. 7 in.)
F Overall Length, Forks on Ground	6.45 m (20 ft. 2 in.)	6.14 m (21 ft. 10 in.)
G Height to Hinge Pin, Fully Raised	3.35 m (11 ft. 0 in.)	3.79 m (12 ft. 5 in.)
H Reach, Fully Raised	569 mm (22.4 in.)	584 mm (23 in.)
I Fork Height, Fully Raised	3.19 m (10 ft. 6 in.)	3.58 m (11 ft. 9 in.)
J Maximum Reach, Fork Level	1.52 m (5 ft. 0 in.)	1.72 m (5 ft. 8 in.)
K Fork Height, Maximum Reach	1.36 m (4 ft. 6 in.)	1.46 m (4 ft. 9 in.)
L Reach, Ground Level	749 mm (29.5 in.)	1293 mm (4 ft. 3 in.)
M Depth Below Ground	36 mm (1.4 in.)	36 mm (1.4 in.)
N Tine Length	1.20 m (48 in.)	1.20 m (48 in.)
O Load Position, 50% Tine Length	600 mm (23.6 in.)	600 mm (23.6 in.)
Specifications with Quik-Tatch Coupler and Fork	<i>As measured with fork level, centered on tine</i>	<i>As measured with fork level, centered on tine</i>
Tipping Load, Straight	3570 kg (7,870 lb.)	3009 kg (6,634 lb.)
Tipping Load, Full Turn	3250 kg (7,165 lb.)	2738 kg (6,036 lb.)
Rated Operating Load, 50% Full-Turn Tipping Load (conforms to SAE J1197 / ISO 14397-1)*	1625 kg (3,582 lb.)†	1369 kg (3,018 lb.)†
Rated Operating Load, Rough Terrain, 60% Full-Turn Tipping Load (conforms to EN474-3)*	1950 kg (4,299 lb.)†	1643 kg (3,622 lb.)†
Rated Operating Load, Firm and Level Ground, 80% Full-Turn Tipping Load (conforms to EN474-3)*	2360 kg (5,203 lb.)†	2116 kg (4,665 lb.)†

*Rated operating capacity based on Deere attachments only.

†Payload on forks is limited by tilt cylinder.

Bucket Selection Guide*



LOOSE MATERIALS	kg/m³	lb./cu. yd.
Chips, pulpwood	288	486
Cinders (coal, ashes, clinkers)	673	1,134
Clay and gravel, dry	1602	2,700
Clay, compact, solid	1746	2,943
Clay, dry in lump loose	1009	1,701
Clay, excavated in water	1282	2,160
Coal, anthracite, broken, loose	865	1,458
Coal, bituminous, moderately wet	801	1,350
Earth, common loam, dry	1218	2,052
Earth, mud, packed	1843	3,105
Granite, broken	1538	2,592
Gypsum	2275	3,834
Limestone, coarse, sized	1570	2,646
Limestone, mixed sizes	1682	2,835
Limestone, pulverized or crushed	1362	2,295
Sand, damp	2083	3,510
Sand, dry	1762	2,970
Sand, voids, full of water	2083	3,510
Sandstone, quarried	1314	2,214
Shale, broken crushed	1362	2,295
Slag, furnace granulated	1955	3,294
Stone or gravel, 37.5 to 87.5-mm (1.5 to 3.5") size	1442	2,430
Stone or gravel, 18.75-mm (3/4") size	1602	2,700

*This guide, representing bucket sizes not necessarily manufactured by Deere, will help you in selecting proper bucket size for material density, loader configuration, and operating conditions. Optimum bucket size is determined after adding or subtracting all tipping load changes due to optional equipment. The "conservative load" line on this guide is recommended when operating in conditions such as soft ground and unlevel surfaces. The "maximum load" condition on this guide is sometimes utilized when operating on firm ground and level surfaces.

Additional equipment

Key: ● Standard ▲ Optional or special

See your John Deere dealer for further information.

244K-II	324K	Engine
●	●	Meets EPA Final Tier 4
●	●	Antifreeze, -37 deg. C (-34 deg. F)
●	●	Coolant recovery tank
●	●	Fan safety guard
●	●	Fan, suction type, hydraulically driven, proportional speed
●	●	Exhaust aftertreatment, under hood, with curved end exhaust stack
●	●	Environmentally friendly engine oil drain
●	●	Spin-on engine oil and fuel filter
●	●	Engine oil cooler
●	●	Quick-release fuel filter and water separator
●	●	Under-hood dual-element air cleaner with restriction indicator with dust-evacuator valve
●	●	Above-hood prescreened air intake
▲	▲	Engine coolant heater, 400 watts, 110 volts
▲	▲	Special application: Trash screens, etc.*
		Electrical
●	●	Starter switch with electric fuel cutoff
●	●	12-volt system
●	●	Electrical load center with blade-type fuses
●	●	Standard 925-CCA battery
●	●	Master electrical disconnect switch
●	●	Alternator, 80 amps
●	●	Horn (conforms to SAE J994 and J1446)
●	●	Lights (conform to SAE 99): Driving / Front working (2) / Turn signals / Flashers / Stop / Taillights
●	●	Rear work lights
●	●	Reverse warning alarm (conforms to SAE J994 and J1446)
●	●	Multifunction monitor with audible and visual warnings: Low engine oil pressure / Engine coolant temperature / Hydrostatic (HST) transmission oil temperature / Parking brake indicator / Gauge and indicator: Engine coolant temperature, fuel level, speedometer, and hour meter
●	●	Indicator lights: Engine air filter / Parking brake actuated / Forward/reverse travel / 1st- or 2nd-speed range / Turn signal and hazard lights / High-beam indicator / Battery voltage
●	●	Radio-ready cab, fused 12-volt radio electrical lead and speakers, power port

244K-II	324K	Electrical (continued)
●	●	Pre-wired for roof beacon
●	●	Sealed external electrical connectors
		Powertrain/Brakes
●	●	HST transmission: Electric shift control / Single-lever joystick F-N-R / HST oil cooler / Inching pedal / 2 speeds forward and reverse / Infinitely variable speed control
●	●	Service brakes, hydraulically actuated, self-adjusting internal wet-disc brake and driveline drum brake
●	●	Parking brake, spring applied, hydraulically released, switch operated
●	●	Axles, manual locking front and conventional rear differentials, heavy-duty outboard planetaries
		Hydraulic System
●	●	Hydraulic system oil cooler
●	●	Automatic bucket return-to-dig control
●	●	Boom-float function
●	●	Reservoir sight gauge for hydraulic/HST oil
●	●	10-micron hydraulic filter, vertical mounting
●	●	Hydraulic pilot circuit lockout
●	●	Pilot-operated 3-function valve with single joystick lever control for boom and bucket, and auxiliary lever for standard pin disconnect and auxiliary hydraulics
▲		109-L/m (28 gpm) high-flow option
	▲	132-L/m (34 gpm) high-flow option
▲	▲	4-function hydraulic valve with pilot joystick control and pilot auxiliary lever for 3rd function, and push buttons for 4th function
●	●	Quick-coupler diagnostic ports: Priority pressure / Hydraulic pump pressure / Control valve pressure / HST pressure
		Operator's Station
●	●	Cab (conforms to SAE J1040, SAE J231, ISO 3471, and ISO 3449): ROPS/FOPS/Heater/defroster / Rubber-plane isolation mounted for noise/vibration reduction / Intermittent front and rear windshield wipers and washers / Tinted safety glass / Full-width adjustable sun visor / Pre-wired for radio speakers / Deluxe cloth seat with mechanical suspension and 51-mm (2 in.) retractable seat belt / Left and right doors

244K-II	324K	Operator's Station (continued)
▲	▲	AM/FM/weather-band radio
▲	▲	AM/FM/weather-band radio with CD player
●	●	Air conditioning
●	●	Storage compartment
●	●	Rubber floor mat
●	●	Tilt steering column
●	●	Rearview mirrors, outside (2) and inside (1) (conform to SAE J985)
●	●	Handholds and steps, ergonomically located and slip resistant (conform to SAE J185)
▲	▲	76-mm (3 in.) retractable seat belt
		Loader Linkage
●	●	Z-Bar loader linkage
	▲	High-Lift linkage
●	●	Loader boom service locking bar (conforms to SAE J38)
		Buckets and Attachments
▲	▲	Full line of buckets with selection of bolt-on cutting edges
▲	▲	ISO quick-coupler
▲	▲	Quik-Tatch™ pin-on coupler
▲	▲	Pallet forks
▲	▲	Worksite Pro™ skid-steer-style coupler
▲	▲	Full line of construction utility forks, pallet forks, and other attachments*
		Tires
●		365/70R18 on single-piece rims
▲	▲	400/70R20 on single-piece rims
▲	▲	405/70R18 on single-piece rims
	●	405/70R20 on single-piece rims
		Other
●	●	Fenders, front and rear
●	●	Articulation locking bar (conforms to SAE J276)
●	●	Vandal protection, includes lockable engine enclosure and fuel fill
●	●	Counterweight, full
●	●	Rear bottom guard
●	●	Drawbar, with locking pin
▲	▲	Material-weighing system†
▲	▲	Ride control
▲	▲	JDLINK™ wireless communication system (available in specific countries; see your dealer for details)

*See your John Deere dealer for further information.

†Contact LOAD-RITE™.

Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan, at standard conditions per SAE J1349 and DIN 70 020, using No. 2-D fuel at 35 API gravity. No derating is required up to 1500-m (5,000 ft.) altitude. Gross power is without cooling fan. Specifications and design subject to change without notice. Wherever applicable, specifications are in accordance with SAE standards. Except where otherwise noted, these specifications are based on a unit with all standard equipment, ROPS cab, full fuel tank, air conditioning off, and 79-kg (175 lb.) operator; a 244K-II unit with 365/70R18 tires; and a 324K unit with 405/70R20 tires.

