

L O A D E R S

544G H 624G H



MILLER

SINCE 1924

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INBOARD PLANETARY FINAL DRIVES

Heavy-duty, planetary final drive gears are mounted inboard, where size isn't restricted by wheel diameter. They distribute axle shock loads evenly over three gears, and run in a cooling oil bath for long life and trouble-free service.



COUPLE AND RELEASE ATTACHMENTS FROM YOUR SEAT

With the John Deere quick-coupler, you can couple and release attachments without leaving the comfort of your cab. An electronic rocker switch controls the release pins. The parallel-lift loader-boom linkage design allows a clear view to the coupler.

SHIFT UP OR DOWN AT THE TOUCH OF A BUTTON

In gears 1 through 3, the quick-shift button lets you upshift and downshift without touching the shift lever. Click once to shift down one gear, click again to shift back up. In 4th gear the transmission shifts automatically between 2nd, 3rd, and 4th speeds.



FEATHER-SMOOTH STEERING, ALL-DAY COMFORT

Steering is 50 percent smoother than on earlier models, and requires 25 percent less operator effort. High-torque cylinder geometry permits full power steering at all speeds through the 80-degree steering arc (40 degrees each direction).

The eight-way-adjustable suspension seat includes a two-inch retractable seat belt. The tilt steering column is also fully adjustable. On machines equipped with enclosed cabs, pressurizer and heater are standard equipment. The micro-processor-controlled monitoring system keeps a close eye on 15 critical systems, with warnings that are both audible and visible.



PARK BRAKE AUTOMATICALLY ENGAGES

You'll never forget to set the park brake again; it automatically engages when you shut off the engine with the ignition key. When the brake is set, the transmission is neutralized – a safeguard against damage that might result from driving with the brake engaged.



6246 H ADJUSTMENTS TO OPERATING WEIGHTS FOR PIN-ON BUCKETS

Adjustments to operating weights and tipping loads for 3.0 cu. yd. (2.3 m³) stockpiling bucket

Add (+) or deduct (-) lb. (kg) as indicated for loaders with

	Operating Weight
17.5-25, 12 PR L2 tires without CaCl ₂	- 794 lb. (- 360 kg)
17.5-25, 12 PR L2 tires with CaCl ₂	+ 386 lb. (+ 175 kg)
17.5-25, 12 PR L3 tires without CaCl ₂	- 661 lb. (- 300 kg)
17.5-25, 12 PR L3 tires with CaCl ₂	+ 518 lb. (+ 235 kg)
17.5-25, Radial, One Star L2 equivalent tires without CaCl ₂	- 414 lb. (- 188 kg)
17.5-25, Radial, One Star L2 equivalent tires with CaCl ₂	+ 765 lb. (+ 347 kg)
20.5-25, 12 PR L2 tires with CaCl ₂	+ 1,820 lb. (+ 826 kg)
20.5-25, 12 PR L3 tires without CaCl ₂	+ 291 lb. (+ 132 kg)
20.5-25, 12 PR L3 tires with CaCl ₂	+ 2,112 lb. (+ 958 kg)
20.5-25, Radial, One Star L2 equivalent tires without CaCl ₂	+ 467 lb. (+ 212 kg)
20.5-25, Radial, One Star L2 equivalent tires with CaCl ₂	+ 2,288 lb. (+ 1038 kg)
ROPS canopy in lieu of ROPS cab.....	- 320 lb. (- 145 kg)
Bucket teeth.....	+ 240 lb. (+ 109 kg)
Add one rear counterweight*.....	+ 1,169 lb. (+ 530 kg)

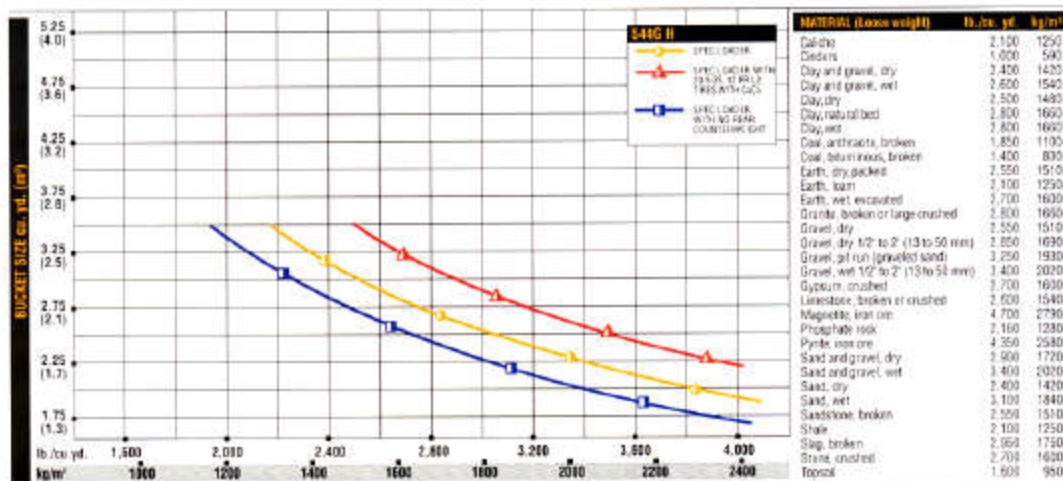
*Optional counterweight not to be used when CaCl₂ ballast is used in the tires.

Tipping Load, Straight

- 560 lb. (- 254 kg)	- 483 lb. (- 219 kg)
+ 1,100 lb. (+ 499 kg)	+ 950 lb. (+ 431 kg)
- 425 lb. (- 193 kg)	- 366 lb. (- 166 kg)
+ 1,193 lb. (+ 541 kg)	+ 1,030 lb. (+ 467 kg)
- 293 lb. (- 133 kg)	- 251 lb. (- 114 kg)
+ 1,367 lb. (+ 620 kg)	+ 1,179 lb. (+ 535 kg)
+ 2,560 lb. (+ 1161 kg)	+ 2,211 lb. (+ 1003 kg)
+ 205 lb. (+ 93 kg)	+ 179 lb. (+ 81 kg)
+ 2,765 lb. (+ 1254 kg)	+ 2,388 lb. (+ 1083 kg)
+ 331 lb. (+ 150 kg)	+ 287 lb. (+ 130 kg)
+ 2,888 lb. (+ 1310 kg)	+ 2,493 lb. (+ 1131 kg)
- 299 lb. (- 136 kg)	- 241 lb. (- 109 kg)
- 298 lb. (- 135 kg)	- 291 lb. (- 132 kg)
+ 2,677 lb. (+ 1214 kg)	+ 2,196 lb. (+ 996 kg)

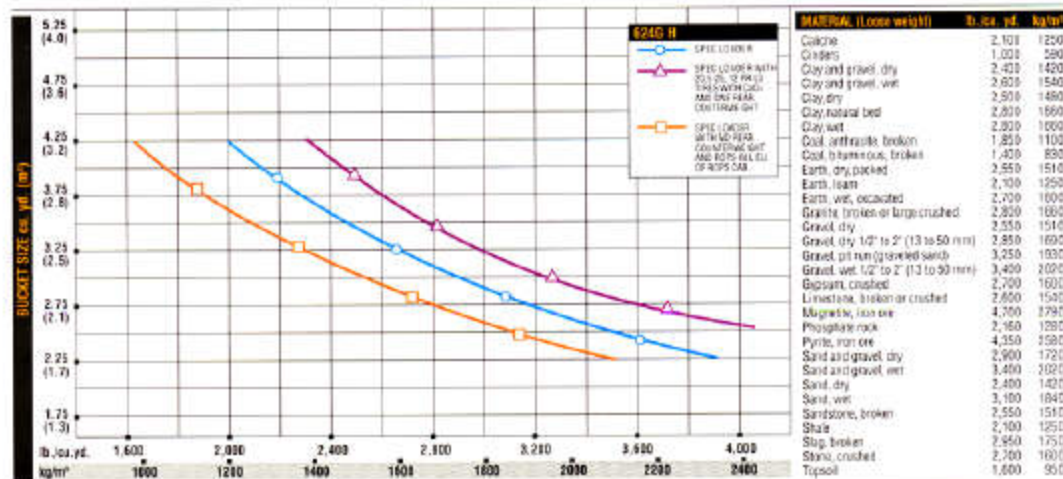
Tipping Load, 40-Degree Full Turn, SAE

544G H BUCKET SELECTION GUIDE*



*This guide, representing bucket sizes not necessarily manufactured by Deere, will help you in selecting proper bucket size for material density and loader configuration. Optimum bucket size is determined after adding or subtracting all the loading load changes due to optional equipment. Bucket size recommendations are based on SAE J818 and J1107, which specify rated bucket loads at 80 percent of SAE tipping loads.

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544G H ADJUSTMENTS TO OPERATING WEIGHTS FOR PIN-ON BUCKETS**Adjustments to operating weights and tipping loads for 2.50 cu. yd. (1.9 m³) stockpiling bucket**

Add (+) or deduct (-) lb. (kg) as indicated for loaders with

	<i>Operating Weight</i>	<i>Tipping Load, Straight</i>	<i>Tipping Load, 40-Degree Full Turn, SAE</i>
17.5-25, 12 PR L2 tires without CaCl ₂	- 794 lb. (- 360 kg)	- 553 lb. (- 251 kg)	- 478 lb. (- 217 kg)
17.5-25, 12 PR L2 tires with CaCl ₂	+ 386 lb. (+ 175 kg)	+ 1,091 lb. (+ 495 kg)	+ 944 lb. (+ 428 kg)
17.5-25, 12 PR L3 tires without CaCl ₂	- 661 lb. (- 300 kg)	- 461 lb. (- 209 kg)	- 399 lb. (- 181 kg)
17.5-25, 12 PR L3 tires with CaCl ₂	+ 518 lb. (+ 235 kg)	+ 1,182 lb. (+ 536 kg)	+ 1,023 lb. (+ 464 kg)
17.5-25, Radial, One Star L2 equivalent tires without CaCl ₂	- 414 lb. (- 188 kg)	- 289 lb. (- 131 kg)	- 249 lb. (- 113 kg)
17.5-25, Radial, One Star L2 equivalent tires with CaCl ₂	+ 765 lb. (+ 347 kg)	+ 1,356 lb. (+ 615 kg)	+ 1,171 lb. (+ 531 kg)
20.5-25, 12 PR L2 tires with CaCl ₂	+ 1,820 lb. (+ 826 kg)	+ 2,538 lb. (+ 1151 kg)	+ 2,194 lb. (+ 995 kg)
20.5-25, 12 PR L3 tires without CaCl ₂	+ 291 lb. (+ 132 kg)	+ 203 lb. (+ 92 kg)	+ 176 lb. (+ 80 kg)
20.5-25, 12 PR L3 tires with CaCl ₂	+ 2,112 lb. (+ 958 kg)	+ 2,740 lb. (+ 1243 kg)	+ 2,368 lb. (+ 1074 kg)
ROPS canopy in lieu of ROPS cab	- 320 lb. (- 145 kg)	- 302 lb. (- 137 kg)	- 278 lb. (- 126 kg)
Bucket teeth	+ 240 lb. (+ 109 kg)	- 295 lb. (- 134 kg)	- 289 lb. (- 131 kg)
Add one rear counterweight*	+ 946 lb. (+ 429 kg)	+ 2,130 lb. (+ 966 kg)	+ 1,748 lb. (+ 793 kg)

*Optional counterweight not to be used when CaCl₂ ballast is used in the tires.**624G H BUCKET INFORMATION (PIN-ON)**

Bucket Type/Size	<i>Stockpiling w/o Bolt-on Edge</i>	<i>Stockpiling w/Bolt-on Edge + Spillguard*</i>	<i>Multipurpose**</i>
Capacity, heaped SAE	3.00 cu. yd. (2.3 m ³)	3.38 cu. yd. (2.6 m ³)	2.50 cu. yd. (1.9 m ³)
Capacity, struck SAE	2.63 cu. yd. (2.0 m ³)	3.00 cu. yd. (2.3 m ³)	2.10 cu. yd. (1.6 m ³)
Bucket width	101.8 in. (2.58 m)	101.8 in. (2.58 m)	108.0 in. (2.74 m)
Breakout force, SAE J732C	29,404 lb. (130.8 kN)	26,494 lb. (117.8 kN)	28,521 lb. (126.8 kN)
Tipping load, straight	21,205 lb. (9617 kg)	20,401 lb. (9252 kg)	18,270 lb. (8490 kg)
Tipping load, 40-degree full turn, SAE	18,001 lb. (8164 kg)	17,241 lb. (7819 kg)	15,772 lb. (7153 kg)
Reach, 45-degree dump, 7-ft. (2.13 m) clearance	59.8 in. (1520 mm)	60.5 in. (1536 mm)	58.7 in. (1492 mm)
Reach, 45-degree dump, full height	38.0 in. (966 mm)	40.4 in. (1027 mm)	33.8 in. (860 mm)
▲ Dump clearance, 45 degree, full height	112.9 in. (2868 mm)	109.6 in. (2784 mm)	111.3 in. (2827 mm)
Overall length	24 ft. 3.7 in. (7.41 m)	24 ft. 8.3 in. (7.52 m)	24 ft. 6.8 in. (7.49 m)
Loader clearance circle, bucket in carry position	39 ft. 2.8 in. (11.96 m)	39 ft. 5.6 in. (12.03 m)	39 ft. 10.7 in. (12.16 m)
Operating weight	27,435 lb. (12 442 kg)	27,973 lb. (12 686 kg)	28,246 lb. (12 810 kg)

*Auxiliary spillguard is dealer installed. The spillguard is primarily intended to prevent spillage of loose material. However, it does increase bucket capacity.

**Allied attachments ordered through John Deere dealers.

Loader operating information is based on machine with all standard equipment; 20.5-25, 12 PR L2 tires; ROPS cab; 175-lb. (79 kg) operator; and full fuel tank.

This information is affected by tire size, ballast, and different attachments.

TIRES

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Choice of.....17.5-25, 12 PR L2 / 17.5-25, 12 PR L3 / 20.5-25, 12 PR L2 / 20.5-25, 12 PR L3 / 20.5-25, 16 PR L3 / 17.5-25, Radial, One Star L2 equivalent / 17.5-25, Radial, One Star L3 equivalent / 20.5-25, Radial, One Star L2 equivalent / 20.5-25, Radial, One Star L3 equivalent

17.5-25 tires

Tread width.....76.38 in. (1940 mm)
Width over tires.....95.28 in. (2420 mm)
Change in vertical height.....-2.60 in. (-66 mm)

20.5-25 tires

Tread width.....74.80 in. (1900 mm)
Width over tires.....96.93 in. (2462 mm)
Change in vertical height.....0

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17.5-25, 12 PR L2 / 17.5-25, 12 PR L3 / 20.5-25, 12 PR L2 / 20.5-25, 12 PR L3 / 20.5-25, 16 PR L3 / 17.5-25, Radial, One Star L2 equivalent / 17.5-25, Radial, One Star L3 equivalent / 20.5-25, Radial, One Star L2 equivalent / 20.5-25, Radial, One Star L3 equivalent

81.1 in. (2060 mm)
100.3 in. (2549 mm)
-2.36 in. (-60 mm)

77.2 in. (1960 mm)
99.3 in. (2522 mm)
0

CAPACITIES (U.S.)

Fuel tank with ground level fueling.....57.6 gal. (218 L)
Cooling system.....25 qt. (24 L)
Engine lubrication, including full-flow spin-on filter.....20 qt. (19 L)
Power shift transmission, including vertical cartridge filter.....10 qt. (9.5 L)
Differentials
Front.....20 qt. (19 L)
Rear.....20 qt. (19 L)
Loader hydraulic reservoir.....80 qt. (76 L)

65.7 gal. (249 L)
26 qt. (25 L)
20 qt. (19 L)
12 qt. (11 L)
30 qt. (28 L)
20 qt. (19 L)
108 qt. (102 L)

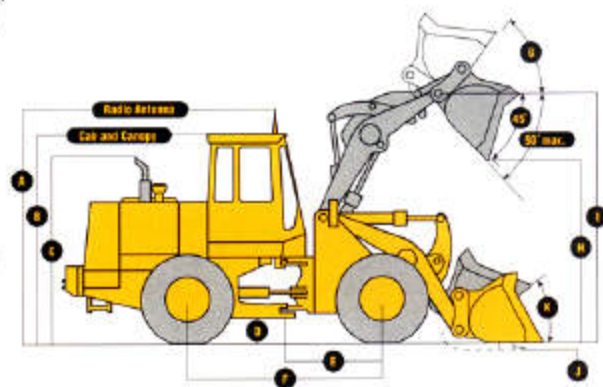
DIMENSIONS WITH BUCKET

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A Overall height.....11 ft. 7.9 in. (3.55 m)
B Height to top of cab and canopy.....10 ft. 7.4 in. (3.23 m)
C Height to top of exhaust.....9 ft. 4.6 in. (2.86 m)
D Ground clearance.....17.3 in. (439 mm)
E Length from centerline of front axle.....57 in. (1450 mm)
F Wheelbase.....114 in. (2900 mm)
G Maximum bucket angle.....55.3 degrees
H Dump height.....▲
I Height to hinge pin, fully raised.....12 ft. 5.2 in. (3.79 m)
J Digging depth.....1.6 in. (40 mm)
K Maximum bucket rollback, carry height.....38.0 degrees
▲ See Bucket Information below and on page 6.

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11 ft. 10.4 in. (3.62 m)
10 ft. 9.9 in. (3.30 m)
9 ft. 7.9 in. (2.94 m)
17 in. (433 mm)
59.65 in. (1515 mm)
119.3 in. (3030 mm)
55.8 degrees
▲
12 ft. 9.3 in. (3.89 m)
2.3 in. (60 mm)
40.1 degrees



544G H BUCKET INFORMATION (PIN-ON)

Bucket Type/Size	Stockpiling w/o Bolt-on Edge	Stockpiling w/Bolt-on Edge + Spillguard*	Multipurpose**
Capacity, heaped SAE.....	2.50 cu. yd. (1.9 m ³)	2.88 cu. yd. (2.2 m ³)	2.12 cu. yd. (1.6 m ³)
Capacity, struck SAE.....	2.12 cu. yd. (1.62 m ³)	2.51 cu. yd. (1.92 m ³)	1.77 cu. yd. (1.35 m ³)
Bucket width.....	100.4 in. (2.55 m)	100.4 in. (2.55 m)	100.4 in. (2.55 m)
Breakout force, SAE J732C.....	22,207 lb. (98.8 kN)	20,430 lb. (90.9 kN)	20,750 lb. (92.3 kN)
Tipping load, straight.....	17,895 lb. (8116 kg)	17,265 lb. (7830 kg)	15,944 lb. (7231 kg)
Tipping load, 40-degree full turn, SAE.....	15,267 lb. (6924 kg)	14,663 lb. (6650 kg)	13,505 lb. (6125 kg)
Reach, 45-degree dump, 7-ft. (2.13 m) clearance.....	56.50 in. (1435 mm)	56.70 in. (1440 mm)	48.94 in. (1243 mm)
Reach, 45-degree dump, full height.....	36.30 in. (922 mm)	37.75 in. (959 mm)	31.85 in. (809 mm)
▲ Dump clearance, 45 degree, full height.....	112.3 in. (2853 mm)	109.8 in. (2790 mm)	106.4 in. (2702 mm)
Overall length.....	22 ft. 8.2 in. (6.91 m)	22 ft. 11.8 in. (7.01 m)	22 ft. 3.4 in. (6.79 m)
Loader clearance circle, bucket in carry position.....	37 ft. 6.4 in. (11.44 m)	37 ft. 8.5 in. (11.49 m)	37 ft. 9.3 in. (11.51 m)
Operating weight.....	23,677 lb. (10 738 kg)	24,159 lb. (10 958 kg)	24,449 lb. (11 088 kg)

*Auxiliary spillguard is dealer installed. The spillguard is primarily intended to prevent spillage of loose material. Ho it does increase bucket capacity.

**Allied attachments ordered through John Deere dealers.

Loader operating information is based on machine with all standard equipment; 20.5-25, 12 PR L2 tires; ROPS cab; 175-lb. (79 kg) operator; and full fuel tank. This information is affected by tire size, ballast, and different attachments.

ENGINE	544G H	624G H
Type	John Deere 6059T with altitude-compensating turbocharger	John Deere 6068T with altitude-compensating turbocharger
Rated power	125 SAE net hp (93 kW) 130 SAE gross hp (97 kW) @ 2,200 rpm	150 SAE net hp (112 kW) 161 SAE gross hp (120 kW) @ 2,200 rpm
Cylinders	6	6
Displacement	359 cu. in. (5.884 L)	414 cu. in. (6.785 L)
Maximum net torque	373 lb.-ft. (506 Nm) @ 1,400 rpm	455 lb.-ft. (617 Nm) @ 1,350 rpm
Lubrication	pressure system with full-flow spin-on filter and cooler	pressure system with full-flow spin-on filter and cooler
Fuel consumption, typical	2.2 to 4.3 gal./hr. (8.3 to 16.5 L/h)	2.7 to 5.0 gal./hr. (10.1 to 18.8 L/h)
Cooling fan	blower	blower
Electrical system	12 volt with 95-amp alternator	12 volt with 95-amp alternator
Battery (one 12 volt)	reserve capacity: 160 min., 625 CCA	reserve capacity: 160 min., 625 CCA
Air cleaner	dual safety element dry type; restriction indicator for service	dual safety element dry type; restriction indicator for service

TRANSMISSION

Type	torque converter – power shift		torque converter – power shift	
Controls	low-effort electronically controlled automatic shift and quick-shift button		low-effort electronically controlled automatic shift and quick-shift button	
Travel speeds*	<i>Forward</i>	<i>Reverse</i>	<i>Forward</i>	<i>Reverse</i>
Gear 1	4.6 mph (7.4 km/h)	4.6 mph (7.4 km/h)	4.5 mph (7.3 km/h)	4.5 mph (7.3 km/h)
Gear 2	7.7 mph (12.3 km/h)	7.7 mph (12.3 km/h)	7.2 mph (11.6 km/h)	7.2 mph (11.6 km/h)
Gear 3	16.9 mph (27.2 km/h)	16.9 mph (27.2 km/h)	15.2 mph (24.5 km/h)	15.2 mph (24.5 km/h)
Gear 4	23.8 mph (38.4 km/h)		23.0 mph (37.3 km/h)	

*Travel speeds are with 20.5-25 tires.

AXLES/BRAKES

Final drives	heavy-duty planetary, mounted inboard	heavy-duty planetary, mounted inboard
Differentials (choice of)	conventional front and rear – Standard; hydraulic lock front, conventional rear – Optional; NoSPIN front, conventional rear – Optional; hydraulic lock front and rear – Optional; front axle disconnect – Optional	conventional front and rear – Standard; hydraulic lock front, conventional rear – Optional; NoSPIN front, conventional rear – Optional; hydraulic lock front and rear – Optional; front axle disconnect – Optional
Rear axle oscillation	22 degrees, stop to stop	26 degrees, stop to stop
Maximum rise and fall, single wheel	28.0 in. (712 mm)	32.8 in. (833 mm)
Brakes (conform to SAE J1473, ISO3450)		
Service brakes	inboard-mounted hydraulic wet disc, bathed in cooling oil, long life self-adjusting	inboard-mounted hydraulic wet disc, bathed in cooling oil, long life self-adjusting
Parking brake	automatically spring applied, hydraulically released, expanding shoe and drum on transmission	automatically spring applied, hydraulically released, expanding shoe and drum on transmission

HYDRAULIC SYSTEM/STEERING

Pump (loader and steering)	gear-type, open-center system	gear-type, open-center system
Maximum flow	46.3 gpm (175 L/min.) @ 600 psi (4137 kPa) and 2,200 rpm	61 gpm (231 L/min.) @ 600 psi (4137 kPa) and 2,200 rpm
Pressure	loader relief 2,750 psi (18 961 kPa) steering relief 2,650 psi (18 270 kPa)	loader relief 2,800 psi (19 306 kPa) steering relief 2,650 psi (18 270 kPa)
Loader controls	two-function valve with single lever and control lever lockout optional three-function valve with auxiliary lever	two-function valve with single lever and control lever lockout optional three-function valve with auxiliary lever
Hydraulic cycle times		
Raise	5.8 sec.	5.8 sec.
Dump	1.4 sec.	1.7 sec.
Lower	3.2 sec. (float down) / 3.5 sec. (power down)	3.5 sec. (float down) / 3.5 sec. (power down)
Maximum lift capacity	with 2.50 cu. yd. (1.9 m ³) stockpiling bucket	with 3.0 cu. yd. (2.3 m ³) stockpiling bucket
Lift at ground level	23,693 lb. (10 745 kg)	26,510 lb. (12 023 kg)
Lift at maximum height	11,792 lb. (5348 kg)	14,076 lb. (6384 kg)
Steering (conforms to SAE J1511)		
Type	power, fully hydraulic	power, fully hydraulic
Relief valve setting	2,650 psi (18 270 kPa)	2,650 psi (18 270 kPa)
Articulation angle	80-degree arc (40 degrees each direction)	80-degree arc (40 degrees each direction)
Turning radius (measured to center-line of outside tire)	16 ft. 3 in. (4.95 m)	16 ft. 10.5 in. (5.14 m)



EASY-ACCESS SERVICING

The wide-open articulation area provides easy access to the transmission dipstick, steering-cylinder lube points, and articulation pivots. Frame hinge pivots feature double tapered roller bearings that need to be lubricated only every 1,000 hours.



LOW-EFFORT STEERING

Located right on the steering column, the single-lever, electric-shift transmission control lets you change gears with a quick twist of the wrist. Changing directions is effortless as well – just move the lever up or down.

CAB INTERIOR

Like the cab door, this side window also swings open and latches in place. (Rear side windows that open are available as an option.)



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ENGINE			Three-function valve, dual-lever control with auxiliary lever for third function	■	■	Electronic monitor system and audible/visible warning	●	●
Antifreeze, -34°F (-37°C)	●	●	Three-function valve, single-lever control with auxiliary lever for third function	■	■	Digital display, illuminated - Alternator voltage - Hourmeter - Speedometer (mph/kph) - Tachometer / Gauges, illuminated - Engine coolant temperature - Fuel - Transmission oil temperature / Indicators - Low radiator coolant level - Engine air filter restriction - Low alternator voltage - Low transmission oil pressure - Hydraulic oil filter restriction - Low brake pressure - Park brake on - Ether start on (if equipped) - Low steering pressure (and secondary steering activated, if equipped) - Fasten seat belt reminder - Turn signals/flashes / Built-in diagnostics - Fault code retrieval - Onboard diagnostics for all monitors, wiring, gauges, sensors, etc.	●	●
Coolant recovery tank	●	●	Two-function valve with dual-lever control	■	■	Horn, electric	●	●
Enclosed safety fan guard	●	●	STEERING			Conforms to SAE J994, J1444	●	●
Muffler, vertical through hood, with curved-end exhaust stack	●	●	Power steering (two cylinders) and 40-degree articulation each side and rubber cushion stops	●	●	Key start switch with electric fuel shut-off	●	●
Oil-to-water engine oil cooler	●	●	Conforms to SAE J511 with emergency manual mode	■	■	Mirrors		
Quick-release John Deere dual-stage fuel filter and water separator	●	●	Secondary steering	■	■	Interior (2), 4 in. x 8 in. (100 mm x 200 mm) / Exterior (2), 7.88 in. x 11.68 in. (200 mm x 300 mm) / Conform to SAE J985	●	●
Turbocharger provides spark arresting	●	●	Conforms to SAE J53	■	■	Rear quarter vertical sliding windows	●	●
Electric ether start aid	■	■	TIRES			Seat belt, 2 in. (51 mm), with retractors	●	●
Engine coolant heater, 1,000 watts, 110 volts	■	■	Single-piece wheels	■	■	Conforms to SAE J388	■	■
Environmentally-friendly engine oil drain*	■	■	17.5-25, 12 PR L2	■	■	Seat belt, 3 in. (76 mm), with retractors	■	■
High-capacity pre-cleaner*	■	■	17.5-25, 12 PR L3	■	■	Conforms to SAE J388	■	■
Perforated engine side shields and hood*	■	■	Three-piece wheels	■	■	Slip-resistant steps and ergonomically-located handholds	●	●
Radiator sand screen	■	■	17.5-25, 12 PR L2	■	■	Conform to SAE J185	●	●
Sucker fan with convoluted grille screen*	■	■	17.5-25, 12 PR L3	■	■	Steering wheel, textured, with spinner knob	●	●
			17.5-25, 12 PR L3	■	■	Storage compartment, under seat, lockable	●	●
			20.5-25, 12 PR L2	■	■	Tilt steering	●	●
			20.5-25, 12 PR L3	■	■	Air conditioning (field installed)	■	■
			20.5-25, 16 PR L3	■	■	AM-FM stereo radio*	■	■
			20.5-25 XTLA Radial 16 PR One Star L2	■	■	Left platform, slip-resistant steps, and ergonomically-located handholds	■	■
			17.5-25 XHAT Radial 16 PR One Star L3	■	■	Conform to SAE J185	■	■
			20.5-25 XHAT Radial 24 PR One Star L2	■	■	Operator protection packages*	■	■
			20.5-25 XHAT Radial 24 PR One Star L3	■	■	ROPS-to-cab conversion panels*	■	■
				■	■	Seat backrest extension	■	■
				■	■	LOADER		
				■	■	Loader boom service lock	●	●
				■	■	Conforms to SAE J38	■	■
				■	■	Boom extensions*	■	■
				■	■	High lift*	■	■
				■	■	Material weight system*	■	■
				■	■	Quick coupler valve, lines, and control	■	■
				■	■	BUCKETS		
				■	■	Full line of allied equipment buckets*	■	■
				■	■	OTHER		
				■	■	Articulation transport lock	●	●
				■	■	Conforms to SAE J276	●	●
				■	■	Vandal protection	●	●
				■	■	Engine side shields / Fuel / Hydraulic reservoir / Instrument panel / Radiator / Transmission dipstick	■	■
				■	■	Custom paint for caustic environments*	■	■
				■	■	Fenders, front and rear	■	■
				■	■	Front frame, rear frame, and transmission bottom guards	■	■
				■	■	Hinged front and rear frame bottom guards*	■	■
				■	■	Illuminated license plate bracket	■	■
				■	■	Lift and tie-down hooks	■	■
				■	■	Rear counterweights with integral drawbar and pin	■	■
				■	■	Ride control system	■	■
				■	■	SMV emblem*	■	■
				■	■	Transmission side frame guards	■	■

KEY: ● Standard equipment ■ Optional or special equipment

*See your John Deere dealer for further information.



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 25 API gravity. No derating is required up to 10,000 ft. (3030 m) 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 units with all standard equipment, 20.5-25, 12 PR L2 tires, ROPS cabs, full fuel tanks, and 175-lb. (79 kg) operators.

