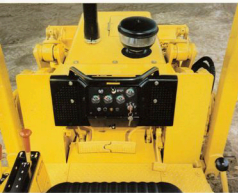


C R A W L E R L O A D E R S

# 455G 555G-Series IV





Slightly sloped hood, low-profile loader towers, and a fully adjustable armchair seat all contribute to unsurpassed visibility.

Low-effort steering pedals or short-throw levers? Electronic monitor or read-at-a-glance analog gauges? You decide what's best.



Track links are forged from boron-steel alloys, deep-hardened, quenched and tempered. Boron steel permits heat-treating beyond normal wear limits, for long and consistent wear. Ⓢ

U-shape pattern and no-clutch shifting helps speed cycles. Fourth gear forward and reverse can be blocked out to limit use for increased undercarriage life.



Decelerator is standard with either transmission. Fully depressing the pedal declutches the transmission, slowing ground speed to a virtual crawl. Use it for close-up work around footings or when loading trucks.

Standard turbocharger ensures full power at any altitude.



Integral engine balance shafts provide smooth-running, low-vibration performance.



Large boron steel track rollers are hardened through the wear limit inside and out for long life. Irregular spacing causes bottom rollers to contact links at varying points for a smoother, quieter ride.

Induction hardened, counter-bored pins and bushings are sealed with spring-steel washers to keep abrasives out.

Heavy-duty steel-channel track frames form a strong, solid working base.

Final drives are attached to the transverse case, effectively isolating them from track-imposed shock loads.

Cast steel-alloy sprockets have deep-hardened wear surfaces for long life. Unique tooth profile also helps extend sprocket and bushing life.



Direct-drive or torque-converter transmission is housed within the cast-iron transverse case where it's well-protected, yet easily accessible.



One-piece, high-strength, fully welded box-section mainframe resists torsional stress, absorbs shock loads, and comes back for more. Compared to the bolt-together frames found on other machines, there's no comparison.

Pressure-lubricated clutches and flow-through, oil-cooled, wet-band brakes give long, trouble-free life without overheating. Full clutch and brake modulation delivers confidence-gaining smooth moves.

With a 30 percent torque rise, the 4.5 L (276 cu. in.) John Deere diesel packs plenty of reserve for extra muscle with heaped buckets.

Free-breathing cross-flow cylinder head, specially shaped pistons, and contoured valves increase intake and exhaust flows for maximum power output and top fuel efficiency.

No angle brackets here. Two full-length double crossbars are welded to the mainframe, forming a strong, solid base for the undercarriage.

High-stress areas such as boom and bucket cylinder mounting points are heavily reinforced. Line-bored hinge areas provide a tight pin fit and near-perfect alignment.

The only bolted joint on a Deere mainframe is secured with 24 high-strength cap screws. Unlike some, we don't scrimp in this critical area.

Boom halves are fastened together with a heavy, reinforced cross-tube located near the end of the boom to reduce torsional stress during loading.

Excellent lift-to-crowd match makes full buckets fast and easy. Breakout force and tipping load capacities are equally impressive.



ENGINE	455G	555G
Type	John Deere 4045T with altitude-compensating turbocharger	John Deere 4045T with altitude-compensating turbocharger
Rated power	70 SAE net hp (52 kW) 73 SAE gross hp (54.5 kW) @ 2,100 rpm	90 SAE net hp (67.5 kW); 555G DD - 95 SAE gross hp (71 kW); 555G TC - 99 SAE gross hp (74 kW) @ 2,100 rpm
Drawbar	51 hp (38 kW)	66 hp (49 kW)
Cylinders	4	4
Displacement	276 cu. in. (4,524 L)	276 cu. in. (4,524 L)
Fuel consumption, typical	1.5 to 2.3 gal./hr. (4.9 to 8.7 L/h)	1.8 to 2.8 gal./hr. (6.8 to 10.6 L/h)
Maximum net torque	228 lb.-ft. (309 Nm) @ 1,300 rpm	293 lb.-ft. (397 Nm) @ 1,300 rpm
Lubrication	pressure system with full-flow spin-on filter and oil-to-water cooler	pressure system with full-flow spin-on filter and oil-to-water cooler
Air cleaner	dual stage dry type with safety element, precleaner, and underhood restriction indicator	dual stage dry type with safety element, precleaner, and underhood restriction indicator
Electrical system	12 volt with 95-amp alternator	12 volt with 95-amp alternator
Cooling fan	blower	blower

TRANSMISSION	full power shift, Dura-Shift with torque converter or direct drive; change gears easily using the engine decelerator and power shift			
Maximum travel speeds	455G TC	455G DD	555G TC	555G DD
1st Forward	2.3 mph (3.7 km/h)	1.1 mph (1.8 km/h)	2.3 mph (3.7 km/h)	1.2 mph (1.9 km/h)
2nd Forward	3.3 mph (5.3 km/h)	1.9 mph (3.1 km/h)	3.3 mph (5.3 km/h)	2.1 mph (3.4 km/h)
3rd Forward	4.1 mph (6.6 km/h)	2.9 mph (4.7 km/h)	4.1 mph (6.5 km/h)	3.3 mph (5.3 km/h)
4th Forward	5.9 mph (9.5 km/h)	4.9 mph (7.9 km/h)	5.8 mph (9.4 km/h)	5.4 mph (8.7 km/h)
1st Reverse	2.5 mph (4.0 km/h)	1.3 mph (2.1 km/h)	2.5 mph (4.0 km/h)	1.4 mph (2.3 km/h)
2nd Reverse	3.6 mph (5.8 km/h)	2.1 mph (3.4 km/h)	3.6 mph (5.8 km/h)	2.3 mph (3.7 km/h)
3rd Reverse	4.5 mph (7.2 km/h)	3.2 mph (5.2 km/h)	4.4 mph (7.1 km/h)	3.6 mph (5.8 km/h)
4th Reverse	6.4 mph (10.3 km/h)	5.4 mph (8.7 km/h)	6.3 mph (10.2 km/h)	6.0 mph (9.7 km/h)

**FINAL DRIVES** large heavy-duty final drive assemblies attach directly to the transverse case and are isolated from the track frame to keep final drives from being adversely affected by shock loads; 455G is single reduction, 555G is double

**STEERING/BRAKES** oil-cooled and modulated steering system; multiple wet-link steering clutches and wet-band steering brakes are pressure lubricated and located at the rear of the machine for easy servicing

**AUTOMATIC PARK BRAKE** exclusive safety feature engages whenever the engine stops, preventing machine operation, which eliminates brake damage

HYDRAULIC SYSTEM	open center			open center		
System	open center			open center		
Pressure, main relief	2,600 psi (17 927 kPa)			2,600 psi (17 927 kPa)		
Pump	gear			gear		
Flow	31 gpm (118 L/min.) @ 2,100 rpm			39 gpm (148 L/min.) @ 2,100 rpm		
Filter, return oil	10 micron			10 micron		
Control	single lever			single lever		
Cylinders	heat-treated, chrome-plated, polished cylinder rods with hardened steel (replaceable bushings) pivot pins			heat-treated, chrome-plated, polished cylinders rods with hardened steel (replaceable bushings) pivot pins		
	Bore	Stroke	Rod	Bore	Stroke	Rod
	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)
Boom (2)	3.93 (100)	32.55 (827)	1.96 (50)	4.53 (115)	31.93 (811)	2.48 (63)
Bucket (2)	3.50 (90)	29.30 (744)	1.96 (50)	3.94 (100)	29.30 (744)	1.96 (50)

## UNDERCARRIAGE

455G

John Deere Dura-Trac™ features large deep-heat-treated components; pins and bushings are sealed for life; rollers and idlers are permanently sealed and lubricated; full-length track frame covers reduce material buildup and ease cleaning

955G

Chain		
Standard	sealed	sealed
Optional	sealed and lubricated	sealed and lubricated
Chain pitch	6.29 in. (159.8 mm)	6.73 in. (171.1 mm)
Bushing diameter, sealed	2.01 in. (51.0 mm)	2.12 in. (53.8 mm)
Bushing diameter, sealed and lubed	2.12 in. (53.8 mm)	2.24 in. (56.8 mm)
Link height	3.54 in. (90.0 mm)	3.78 in. (96.0 mm)
Track roller diameter	7.19 in. (182.6 mm)	7.19 in. (182.6 mm)
Carrier roller diameter	6.00 in. (152.5 mm)	6.30 in. (160.0 mm)
Standard track grouser	14 in. (356 mm) closed center double bar	16 in. (410 mm) closed center double bar
Ground contact area	2,128 sq. in. (13 729 cm <sup>2</sup> )	2,522 sq. in. (16 270 cm <sup>2</sup> )
Ground pressure		
Torque converter	8.81 psi (60.7 kPa)	8.35 psi (57.6 kPa)
Direct drive	8.71 psi (60.1 kPa)	8.27 psi (57.0 kPa)
Overall width over track	.71 in. (1803 mm)	.77 in. (1956 mm)
Track shoes, each side	37	36
Length of track on ground	.76 in. (1930 mm)	.78.8 in. (2002 mm)
Track gauge	.57 in. (1450 mm)	.61 in. (1550 mm)
Carrier roller	1	1
Track rollers	5	6
Adjustment	hydraulic with hinged dirt cover	hydraulic with hinged dirt cover
Wide track grouser	21 in. (533 mm) closed center double bar	24 in. (610 mm) closed center double bar
Ground contact area	3,192 sq. in. (20 595 cm <sup>2</sup> )	3,782 sq. in. (20 440 cm <sup>2</sup> )
Ground pressure		
Torque converter	6.12 psi (42.2 kPa)	5.81 psi (40.0 kPa)
Direct drive	6.06 psi (41.8 kPa)	5.75 psi (39.7 kPa)
Overall width over track	.89 in. (2261 mm)	.93 in. (2362 mm)
Track shoes, each side	37	36
Length of track on ground	.76 in. (1930 mm)	.78.8 in. (2002 mm)
Track gauge	.68 in. (1727 mm)	.69 in. (1753 mm)
Carrier roller	1	1
Track rollers	5	6
Adjustment	hydraulic with hinged dirt cover	hydraulic with hinged dirt cover

## CAPACITIES

Fuel tank with lockable cap	41 gal. (155.2 L)	41 gal. (155.2 L)
Cooling system with coolant recovery tank	18 qt. (17.0 L)	18 qt. (17.0 L)
Engine oil including spin-on filter	9 qt. (8.5 L)	13 qt. (12.3 L)
Transmission system including spin-on filter in filter center		
Torque converter	27 gal. (102 L)	27 gal. (102 L)
Direct drive	27 gal. (102 L)	27 gal. (102 L)
Final drive (each)	7 qt. (6.6 L)	7 qt. (6.6 L)
Hydraulic reservoir	10 gal. (37.8 L)	10 gal. (37.8 L)
Hydraulic system including vertical spin-on filter in filter center	18 gal. (68.1 L)	19.7 gal. (74.5 L)
All capacities are for torque converter unless otherwise noted. All power train and hydraulic systems allow 45-degree maximum fore-aft, side-to-side operation without modification.		

## OPERATING WEIGHTS

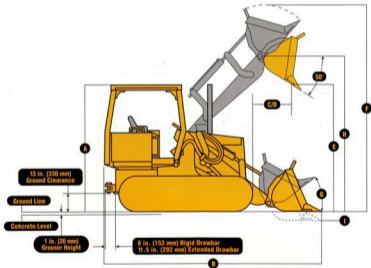
	With standard equipment		With standard equipment	
	455G TC	455G DD	555G TC	555G DD
Standard track	18,745 lb. (8503 kg)	18,545 lb. (8412 kg)	21,058 lb. (9552 kg)	20,858 lb. (9461 kg)
Wide track	19,545 lb. (8866 kg)	19,345 lb. (8775 kg)	21,958 lb. (9960 kg)	21,758 lb. (9869 kg)

**DIMENSIONS**

**4556**

**5556**

	Standard	Wide Track	Multipurpose	Standard	Wide Track	Multipurpose
Capacity, in cu. yd. (m <sup>3</sup> ).....	1.3 (1.00)	1.3 (1.00)	1.3 (1.00)	1.5 (1.15)	1.5 (1.15)	1.5 (1.15)
<b>A</b> Overall height, in in. (mm)						
Standard height ROPS.....	106.6 (2708)	106.6 (2708)	106.6 (2708)	111.0 (2819)	111.0 (2819)	111.0 (2819)
Low-profile ROPS.....	101.9 (2588)	101.9 (2588)	101.9 (2588)	106.3 (2699)	106.3 (2699)	106.3 (2699)
Cab.....	109.0 (2769)	109.0 (2769)	109.0 (2769)	112.0 (2845)	112.0 (2845)	112.0 (2845)
<b>B</b> Overall length, in in. (mm).....	179.7 (4564)	175.1 (4448)	182.6 (4638)	182.2 (4628)	179.5 (4559)	184.9 (4696)
<b>C</b> Reach at maximum height (45-degree discharge), in in. (mm).....	34.3 (871)	30.4 (773)	34.6 (880)	34.2 (868)	30.7 (780)	34.0 (863)
<b>D</b> Reach at 7-ft. (2.13 m) clearance (45-degree discharge), in in. (mm).....	49.8 (1265)	46.3 (1176)	46.6 (1185)	51.1 (1298)	48.1 (1221)	48.2 (1224)
<b>E</b> Dump clearance, maximum height (45-degree discharge), in in. (mm).....	103.1 (2620)	103.7 (2635)	97.8 (2485)	105.1 (2670)	106.3 (2700)	106.1 (2695)
<b>F</b> Maximum operating height, in in. (mm).....	168.7 (4285)	164.1 (4169)	169.4 (4304)	174.1 (4424)	170.6 (4334)	174.4 (4430)
<b>G</b> Rollback angle, in degrees						
Concrete level.....	40	36	40	40	38	40
Carry position.....	47	45	46	47	46	44
<b>H</b> Height to hinge pin, in in. (mm).....	128 (3251)	128 (3251)	128 (3251)	131.5 (3340)	131.5 (3340)	131.5 (3340)
<b>I</b> Digging depth, in in. (mm).....	5.3 (135)	5.3 (135)	5.3 (135)	5.3 (135)	5.3 (135)	5.3 (135)



Unit illustrated above is equipped with extended drawbar.

**4556 BUCKET INFORMATION (PIN-ON)**

Bucket Type/Size	General Purpose		Multipurpose
	Standard	Wide Track	Standard
Capacity, heaped SAE	1.30 cu. yd. (1.00 m <sup>3</sup> )	1.30 cu. yd. (1.00 m <sup>3</sup> )	1.50 cu. yd. (1.00 m <sup>3</sup> )
Capacity, struck SAE	1.05 cu. yd. (0.80 m <sup>3</sup> )	1.03 cu. yd. (0.79 m <sup>3</sup> )	1.05 cu. yd. (0.80 m <sup>3</sup> )
Bucket width	75.4 in. (1.91 m)	92.1 in. (2.40 m)	74.8 in. (1.90 m)
Bucket weight, including eight bolt-on teeth	1,053 lb. (477 kg)	1,204 lb. (546 kg)	2,180 lb. (989 kg)
Breakout force, SAE J732C	15,735 lb. (70.0 kN)	17,600 lb. (78.3 kN)	13,400 lb. (59.6 kN)
Tipping load, SAE	11,800 lb. (5350 kg)	12,350 lb. (5600 kg)	11,200 lb. (5075 kg)
Raising time	6.5 sec.	6.5 sec.	6.6 sec.
Dumping time	1.5 sec.	1.5 sec.	1.5 sec.
Lowering time	2.7 sec.	2.7 sec.	2.3 sec.
Operating weight, SAE, with standard height BOPS	18,745 lb. (8503 kg)	19,545 lb. (8866 kg)	20,475 lb. (9287 kg)
Operating weight, SAE, with BOPS cab	19,415 lb. (8807 kg)	20,245 lb. (9183 kg)	21,109 lb. (9575 kg)
Minimum recommended rear counterweight or attachments	600 lb. (272 kg)	900 lb. (408 kg)	1,200 lb. (544 kg)
Sprocket counterweights*	564 lb. (256 kg)	564 lb. (256 kg)	564 lb. (256 kg)

\*Standard track-equipped loaders with general-purpose and multipurpose buckets; optional on wide track-equipped loaders with general-purpose buckets.

**4556 ADJUSTMENTS TO OPERATING WEIGHTS FOR PIN-ON BUCKETS**Adjustments to operating weights and tipping loads for 1.30 cu. yd. (1.00 m<sup>3</sup>) general-purpose and multipurpose buckets

Add (+) or deduct (-) lb. (kg) as indicated for loaders with	Operating Weight	Tipping Load
Cab	+ 676 lb. (+ 306 kg)	+ 500 lb. (+ 227 kg)
Low-profile BOPS	+ 240 lb. (+ 109 kg)	+ 177 lb. (+ 80 kg)
Bucket teeth, bolt-on (eight)	- 139 lb. (- 63 kg)	+ 185 lb. (+ 84 kg)
Radial ripper with three teeth (without drawbar or rear counterweights)	+ 742 lb. (+ 336 kg)	+ 1,020 lb. (+ 463 kg)
Parallelogram ripper with three teeth (without drawbar or rear counterweights)	+ 708 lb. (+ 321 kg)	+ 1,231 lb. (+ 558 kg)
Rear counterweights (five maximum), 300 lb. (136 kg) each	+ 300 lb. (+ 136 kg)	+ 500 lb. (+ 226 kg)

**5556 BUCKET INFORMATION (PIN-ON)**

Bucket Type/Size	General Purpose		Multipurpose
	Standard	Wide Track	Standard
Capacity, heaped SAE	1.50 cu. yd. (1.15 m <sup>3</sup> )	1.50 cu. yd. (1.15 m <sup>3</sup> )	1.50 cu. yd. (1.15 m <sup>3</sup> )
Capacity, struck SAE	1.25 cu. yd. (0.96 m <sup>3</sup> )	1.25 cu. yd. (0.96 m <sup>3</sup> )	1.20 cu. yd. (0.92 m <sup>3</sup> )
Bucket width	82.5 in. (2.09 m)	95.1 in. (2.42 m)	82.0 in. (2.08 m)
Bucket weight, including eight bolt-on teeth	1,250 lb. (567 kg)	1,530 lb. (694 kg)	2,320 lb. (1,052 kg)
Breakout force, SAE J732C	20,250 lb. (90.0 kN)	21,900 lb. (97.0 kN)	18,300 lb. (81.4 kN)
Tipping load, SAE	13,600 lb. (6168 kg)	14,400 lb. (6530 kg)	12,905 lb. (5855 kg)
Raising time	6.5 sec.	6.5 sec.	6.6 sec.
Dumping time	1.6 sec.	1.6 sec.	1.6 sec.
Lowering time	3.8 sec.	3.8 sec.	3.4 sec.
Operating weight, SAE, with standard height BOPS	21,058 lb. (9552 kg)	21,958 lb. (9960 kg)	22,765 lb. (10 326 kg)
Operating weight, SAE, with BOPS cab	21,692 lb. (9839 kg)	22,588 lb. (10 246 kg)	23,399 lb. (10 614 kg)
Minimum recommended rear counterweight or attachments	1,200 lb. (544 kg)	1,200 lb. (544 kg)	1,200 lb. (544 kg)
Sprocket counterweights*	564 lb. (256 kg)	564 lb. (256 kg)	564 lb. (256 kg)

\*Standard track-equipped loaders with general-purpose and multipurpose buckets; optional on wide track-equipped loaders with general-purpose buckets.

**5556 ADJUSTMENTS TO OPERATING WEIGHTS FOR PIN-ON BUCKETS**Adjustments to operating weights and tipping loads for 1.50 cu. yd. (1.15 m<sup>3</sup>) general-purpose and multipurpose buckets

Add (+) or deduct (-) lb. (kg) as indicated for loaders with	Operating Weight	Tipping Load
Cab	+ 632 lb. (+ 286 kg)	+ 450 lb. (+ 204 kg)
Low-profile BOPS	+ 240 lb. (+ 109 kg)	+ 177 lb. (+ 80 kg)
Bucket teeth, bolt-on (eight)	- 143 lb. (- 65 kg)	+ 192 lb. (+ 87 kg)
Radial ripper with three teeth (without drawbar or rear counterweights)	+ 742 lb. (+ 336 kg)	+ 1,020 lb. (+ 463 kg)
Parallelogram ripper with three teeth (without drawbar or rear counterweights)	+ 1,380 lb. (+ 626 kg)	+ 1,898 lb. (+ 861 kg)
Rear counterweights (five maximum), 300 lb. (136 kg) each	+ 300 lb. (+ 136 kg)	+ 500 lb. (+ 226 kg)

	400E	500E	400E	500E	400E	500E
<b>ENGINE</b>			<b>OPERATOR'S STATION</b>		<b>LOADER</b>	
Coolant recovery tank	●	●	Built-in Operator's Manual storage compartment and manual	●	Bucket level indicator	●
Enclosed safety fan guard	●	●	Decelerator	●	Loader boom service lock	●
Conforms to SAE J1308	●	●	Deluxe suspension vinyl seat	●	Returns-to-dig feature	●
Engine coolant -34°F (-37°C)	●	●	Adjustable armrests, thigh support, backrest, height/weight, and fore-aft - Conforms to SAE J899	●	<b>OVERALL VEHICLE</b>	
Oil-to-water engine oil cooler	●	●	Electronic monitor system with audible and visible warning	●	Integral transmission guard	●
Prewired for electric ether start aid	●	●	Coolant temperature / Engine oil pressure / Hydraulic filter restriction / Low alternator voltage / Transmission filter restriction / Transmission pressure / Transmission temperature	●	Perforated engine side shields	●
Trash-resistant sta-fin radiator	●	●	Fuel gauge, electric, illuminated	●	Reinforced bolt-on engine and mid-frame bottom guards	●
Turbocharger provides spark assisting	●	●	Horn, electric	●	Reverse alarm	●
Underhood muffler with vented exhaust stack	●	●	Conforms to SAE J994, J1446	●	Switchable to 97 dB(A) or 111 dB(A) / Conforms to SAE J994, J1446	●
Kold weather start package	■	■	Hourmeter, electric, illuminated	●	<b>Vanal protection</b>	
Batteries (2), 320-min. reserve capacity, 1,250 CCA / Electric ether start aid	●	●	Instrument-enclosed rear-view mirror	●	Engine access door / Fuel tank cap / Hydraulic and transmission access door / Hydraulic reservoir / Instrument panel	●
Engine coolant heater, 1,000 watts, 110 volts	■	■	Key start switch with electric fuel shutoff	●	Backhoe mount with integral counterweight and drawbar, 908 lb. (412 kg)	●
Heavy-duty sta-fin radiator	●	●	Modular design ROPS/POPS canopy	●	200 lb. (91 kg) counterweight / 425 lb. (193 kg) counterweight	●
Radiator sand screen (requires blower fan)	■	■	Conforms to SAE J1040	●	Backhoe with 24-in. (610 mm) standard bucket, 3,350 lb. (1522 kg)	●
Reversible fan	●	●	Pedal steering	●	Alternate stabilizer pads / Backhoe bucket coupler / Backhoe mounts / Extendable dipperstick* / Hydraulic and mechanical quick disconnects / 12-36-in. (305-914 mm) standard, heavy-duty, and extra heavy-duty buckets	●
<b>POWER TRAIN</b>			Seat belt, 2 in. (51 mm), with retractors	●	<b>Cab protection</b>	
Automatic spring-applied, hydraulic-released park brake, lever operated	●	●	Conforms to SAE J386	●	Door screens* / Front screens* / Lexan® Maggard® windows* / Limb risers* - Point-to-point with overhead exhaust / Rear screen / Side screens*	●
Cooler	●	●	Conforms to SAE J386	●	Counterweights, rear, with/without drawbars, without rear attachments, 300 lb. (136 kg) each	●
Oil-to-air for torque converter transmission	●	●	Slip-resistant safety steps and ergonomically-located handrails	●	Counterweights, spool, 564 lb. (256 kg) total	●
Integral winch drive with cover	●	●	Conform to SAE J185	●	Extended drawbar with pin for pull-type implements, 65 lb. (30 kg)	●
Primary and secondary service brakes	●	●	Tool storage behind seat	●	Recommended rear screen	●
Transmission neutral lock with starter safety switch	●	●	Air conditioning*	●	Front toe board, 33 lb. (15 kg)	●
Vertical spin-on filter in filter center	●	●	Cab	●	Heavy-duty grille screen	●
<b>ELECTRICAL</b>			Deluxe headliner / Dome light / Floorlamp / Fresh air intake heater/demister/pressure-vent, fresh air preheater, 400 CFM, 40,000 Btu/hr (11.7 kW) - Conforms to SAE J1503, J1535D / Front and rear windshield washers / Front and rear windshield wipers / Interior-mounted rearview mirror - Conforms to SAE J985 / Tinted safety glass / Conforms to SAE J1040	●	PTO*	●
Auto-rest circuit breakers	●	●	Gauges, illuminated	●	Rigid drawbar with pin for lift, 45 lb. (20 kg)	●
Battery (1), 180-min. reserve capacity, 625 CCA	●	●	Engine coolant temperature / Engine oil pressure / Transmission oil temperature	●	Recommended rear screen	●
By-pass start safety cover at starter	●	●	Indicator lights	●	Ripper, parallel/growl with five shank pockets and three teeth, 1,380 lb. (626 kg)	●
Positive terminal battery covers	●	●	Low alternator voltage / Transmission oil filter restriction / Transmission oil pressure	●	Ripper, radial with five shank pockets and three teeth, 742 lb. (336 kg)	●
Auxiliary starting socket/air under hood	●	●	Headliner for ROPS	●	ROPS protection, low profile	●
Batteries (2), 360-min. reserve capacity, 1,250 CCA	●	●	Lever steering	●	Door screens* / Front screens* / Limb risers* - Anched or point-to-point with overhead exhaust / Rear screen / Side screens*	●
Master electrical disconnect switch, lockable	●	●	Low-profile ROPS	●	Door screens* / Front screens* / Limb risers* - Anched or point-to-point with overhead exhaust / Rear screen / Side screens*	●
<b>HYDRAULIC SYSTEM</b>			Non-suspension vinyl seat	●	ROPS-to-cab conversion panels*	●
"O" ring face seal connectors	●	●	Adjustable armrests, backrest, and fore-aft - Conforms to SAE J899	●	SMV emblem	●
Two function loader valve with single lever bucket control	●	●	Radio, AM/FM weather band	●	Three-point hitch, hydraulic actuated*	●
Vertical spin-on filter in filter center	●	●	Steering conversion kits*	●	Tiedown eyes for trucking/trailing*	●
Auxiliary hydraulic lines to loader cross tube	●	●	Suspension vinyl seat for backhoe use	●	Tademacons and decals	●
Double hydraulic circuit selector valve	●	●	Adjustable armrests, thigh support, backrest, height/weight, and fore-aft - Conforms to SAE J899	●	French / Spanish	●
Hydraulic oil cooler	●	●	Tachometers*	●	Winch, rear, John Deere Model 4000, 1,190 lb. (540 kg) - Rear screen required	●
Power-beyond valve for front/rear auxiliary valves	●	●		●	Compatible drawbar / Fan-fold, four roller / Freeped function / Log arch* / Power in, power out optional / Standard or low speed	●
Third function valve and lever for auxiliary equipment	●	●		●		●
Fourth function valve and lever for auxiliary equipment*	●	●		●		●
<b>UNDERCARRIAGE</b>						
Adjustable track tension with hinged-drt cover	●	●				
Rear idler and sprocket bolt-on chain guides	●	●				
Full-length track frame covers	●	●				
Bob-on full-length track guards, 105 lb. (47 kg)	●	●				
Closed and open center track shoes*	●	●				
Full grouser track shoes*	●	●				
14 in. (356 mm) and 21 in. (533 mm)	●	●				
16 in. (406 mm) and 24 in. (610 mm)	●	●				
Rubber track pads*	●	●				
Scaled and lubricated chain	●	●				
<b>LIGHTS</b>						
Two front driving/working and one rear working halogen, 31,000 candlepower (375 737 lux) each	●	●				

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 J1994 and SAE E708, using 10.5-2.2 gal at 20.48° gravity. No dehumidifier required at 5,900 ft. (1801 m) altitude for the 400E and up to 10,000 ft. (3050 m) altitude for the 500E. Gross power is without cooling fan.

Specifications and design subject to change without notice. Whenever applicable, specifications are in accordance with SAE standards. Except where otherwise noted, these specifications are based on with torque converter transmissions, standard height operator's protection (ROPS), spoked counterweights, two 200-lb. (90-kg) rear counterweights, full fuel tanks, 175-lb. (79-kg) operators, and standard equipment. 400E with 1.30 cu. yd. (1.0 m<sup>3</sup>) standard bucket with eight teeth and 14-in. (356 mm) track shoes with standard track, and 500E with 1.50 cu. yd. (1.1 m<sup>3</sup>) general-purpose bucket with eight teeth and 16-in. (406 mm) track shoes with standard track.

