K-SERIES **CRAWLER LOADERS**

OHN DEE



655K / 755K

MUSCLE MEETS MANEUVERABILITY



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THE REIMAGINED **655K AND 755K**.



SPEC'D FOR SUCCESS.

K-Series Crawler Loaders are designed to meet the most demanding specs — yours. Inspired by invaluable input from owners and operators across North America, they're loaded with productivity- and uptime-boosting enhancements. Like choice of controls. An extremely smooth hydrostatic drivetrain. Spacious cabs that are quiet and comfortable. And an innovative on-demand cooling system with optional hydraulic reversing fan. Plus our EPA Final Tier 4 (FT4)/EU Stage IV-compliant engines that meet rigid emission standards, so you can work everywhere there's work.

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JOHN DEL

DEERE

755K

BOOST YOUR BOTTOM LINE. **EFFICIENT PRODUCTIVITY COMES STANDARD**

Whether you're excavating, loading trucks, backfilling, or grading, the K-Series provides the muscle and versatility you need to get more done. And standard features such as Eco mode and auto-idle help you save fuel without losing productivity, adding more money to your bottom line.

It's automatic

Auto-idle helps save fuel by reducing engine speed when the crawler loader is not moving and no functions are being activated. To further help conserve fuel, auto shutdown automatically turns the engine off after an operatordetermined period of inactivity.

Eco mode

Standard Eco mode automatically adjusts engine power and transmission settings based on load while maintaining ground speed, to help optimize fuel economy without sacrificing productivity.

Fill your bucket list

Choose between a general-purpose or a multipurpose bucket to best fit the application.

Generous, fuel-efficient power

FT4/Stage IV-compliant 6.8-L John Deere PowerTech[™] engine boasts a boost in horsepower and standard Eco mode, for maximum fuel economy without loss of performance.

We've got your back

DEERE

Standard rearview camera with large LCD color display provides the operator with visibility to the ripper and rear of the machine, while still focusing on the job ahead.

ECO MODE MAXIMIZES FUEL ECONOMY WITHOUT LOSS OF PRODUCTIVITY

EFFORTLESS PRODUCTIVITY

755K

ATYOUR CONNAND

DEEF



THE PATH TO POWER **BLAZE THE TRAIL.**

Dual-path hydrostatic (HST) transmission allows you to carry a full load through turns without losing material. You'll get lots done without a lot of extra effort.

Move more, lose less

HST transmission delivers smooth moves, infinite speed control, and live power turns that push a full load without spilling material.

Smooth operator

Low-effort controls command the fullfeatured HST drivetrain, providing smooth, predictable response at all times, in all conditions, while virtually eliminating jerky and abrupt movements.

Peak performers

Simply set maximum desired ground speed, and the power-management system automatically maintains peak engine rpm and power efficiency without stalling or shifting.

Exclusive TMC

Total Machine Control (TMC) allows you to customize operating characteristics and response, for superb, one-of-akind control.







Live power turns, on-the-go counter-rotation, infinite speed control, and power management — state-of-the-art controls put you in complete command of a whole arsenal of highly productive hydrostatic (HST) advantages. No wonder John Deere crawler loaders have become an operator favorite.



Do more in tight spaces

Counter-rotating tracks boost maneuverability on crowded jobsites, a productivity advantage that also helps overcome heavy corner loads.



Infinite possibilities

Infinitely variable speed range to 6.2 mph enables travel to be adapted to fit specific applications, terrain conditions, and operator preferences.

Low-effort control

HST drivetrain and load-sensing hydraulics deliver fatigue-beating, low-effort response and control, at all times and in all conditions.

Choose how you work

Joystick F-N-R or V-pattern transmission lever with steering pedals? Single-lever joystick or twoor three-lever hydraulic controls? Choose the layout that best fits your operator's style.

Handy push-button throttle

Control the throttle using buttons on the sealed-switch module push the top button once to apply full throttle, and the lower button once for low engine rpm. Press and hold either button for incremental adjustments based on the operator's preference.

YOU'VE FOUND YOUR COMFORT ZONE. PRODUCTIVELY SPACIOUS CAB

Want your operators to be more productive? Put them in the comfortable high-back seat of our quieter, more spacious crawler loader cab.

Comfortable cab

Large, spacious cab boasts fatiguebeating ergonomics and plenty of limbstretching legroom. Entryways are wide, and user-friendly pull-type latches ease entry and exit from either the left or right.

Quietly go about your business

Viscous cab mounts, rear acoustical glass, and extensive insulation effectively isolate operators from vibration and noise.

Calm, cool, and collected

Air conditioning is standard. Numerous directional vents keep the glass clear and interior comfortable, while the pressurized cab helps keep dust out.

Sit back and relax

Standard high-back air-suspension seat adjusts multiple ways for daylong comfort and support. Deluxe heated and leatherbolstered seat is optional.

Keep close tabs

Multi-language monitor provides a wealth of machine info in addition to vital and general operating conditions. You can even customize forward/reverse groundspeed ranges, steering modulation, F-N-R shift rate, and forward/reverse speed ratios.









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NO-SWEAT SERVICEABILITY. ELIMINATE DOWNTIME.

Durable undercarriage

Heavy-duty undercarriage is sealed, lubricated, and built to last. Available extended-life tracks deliver up to twice the bushing life, for extra durability in extremely abrasive conditions.

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.

DPF made simple

Diesel particulate filter (DPF) is easily removed for maintenance. Minimum service interval is 5,000 hours and can be done by your John Deere dealer.

Free of debris

Swing-out side shields and tiltout grille enable access to both sides of the coolers, for loweffort debris removal.

Innovative Quad-Cool[™] system

Quad-Cool places the radiator, airconditioner condenser, intercooler, and hydraulic, transmission, and axle coolers in a unique boxed configuration that's isolated from engine heat, boosting efficiency and durability.

It's not hard to see

Hydrostatic and hydraulic pressures can be read via the in-cab monitor, making it easy for technicians to check important system pressures.

Efficient cooling

Hydraulically driven fan runs only as needed, for cooling and fuel efficiency. Optional programmable fan automatically reverses at predetermined intervals, ejecting 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.

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	655K		
Manufacturer and Model	John Deere PowerTech™ PVS	6068	
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV		
Displacement	6.8 L (414 cu. in.)		
SAE Net Rated Power	116 kW (155 hp) at 1,700 rpm		
Net Peak Torgue	689 Nm (508 ftlb.) at 1,400) rpm	
Aspiration	Turbocharged with charge a	•	
Air Cleaner	Dual-stage dry tube with tar		
Cooling	Dual-stage dry tube with ta		
Fan	Variable-speed suction fan v	vith automatic reversing	
Engine Coolant Rating	-37 deg. C (-34 deg. F)	and acconduct everying	
Engine Radiator	10.2 fins per inch		
Powertrain	10.2 mis per men		
Transmission	Automatic dual path bydro	static (HST) drive: load sensing feature a	utomatically adjusts speed and power to match
11 41151111551011	changing load conditions; ea combination; ground-speed	ich individually controlled track is powered selection buttons on single-lever steering	d by a variable-displacement piston pump and motor and direction control; independently selectable decelerator pedal controls ground speed to stop
System Relief Pressure	45 850 kPa (6,650 psi)		
Travel Speeds			
Forward and Reverse	10 km/h (6.2 mph)		
Maximum (optional)	10 km/h (6.2 mph)		
Steering		direction control, and counterrotation; fu ability and optimum control; HST steering	Il power turns and infinitely variable track speeds eliminates steering clutches and brakes
Final Drives		final drives transfer torque loads over 3 g	
Total Ratio	46.41 to 1		
Drawbar Pull			
Maximum	242 kN (54,500 lb.)		
At 1.9 km/h (1.2 mph)	134 kN (30,000 lb.)		
At 3.2 km/h (2.0 mph)	80.7 kN (18,100 lb.)		
Brakes	Decelerator/brake pedal; aut engine power	omatic power management with manual c	override for matching ground speed to available
Service Brakes			trol lever is moved to neutral or whenever the
Туре	Hydraulic		
Parking Brakes	Exclusive safety feature enga to the end of travel, or wher	ever the park-lock lever is placed in the up n and motion is detected; machine cannot	e engine stops, whenever the decelerator is depresse oward position or the transmission-control lever is be driven with brake applied, reducing wear-out or
Hydraulics			
Туре	Load sense, piston pump		
Pump Flow	189 L/m (50 gpm)		
System Relief Pressure	26 028 kPa (3,775 psi)		
Differential Pressure	1896 kPa (275 psi)		
Maximum Flow at Unloaded High Idle	197 L/m (52 gpm)		
Control	51	nal multipurpose bucket function, or 2- o	r 3-lever stackable
Cylinders	, ,		
Heat-treated, chrome-plated, polished	cylinder rods; hardened steel p Bore	vot pins with replaceable bushings <i>Rod Diameter</i>	Stroke
Lift Cylinders	125 mm (4.9 in.)	70 mm (2.8 in.)	757 mm (29.8 in.)
Lift Cylinders		95 mm (2.8 in.)	
Bucket-Dump Cylinder	160 mm (6.3 in.)	35 mm (3./ in.)	493 mm (19.4 in.)





Batter opacity950 CAReserve Capacity190 min.Hermator Rating00 mpUghts'Halgen cab-mouted forward facing U = wernwerd [2], and unpicated mouted [2]. Subm Dere undecarring features deposition of the second	Electrical	655K					
Batter opacity950 CAReserve Capacity190 min.Hermator Rating00 mpUghts'Halgen cab-mouted forward facing U = wernwerd [2], and unpicated mouted [2]. Subm Dere undecarring features deposition of the second	Voltage	24 volts					
Batter opacity950 CAReserve Capacity190 min.Hermator Rating00 mpUghts'Halgen cab-mouted forward facing U = wernwerd [2], and unpicated mouted [2]. Subm Dere undecarring features deposition of the second	Number of Batteries (12 volt)	2					
Alternary 100 amp Undercerring Indercerring in the with from and rear track guides and sprocket guards; John Dere under carriage features deer-heat-treated, sealed, and lubricated roles for maximum wear restance sprocket guards; John Dere under carriage features deer-heat-treated, sealed, and lubricated roles for maximum wear restance sprocket guards; John Dere under carriage features deer-heat-treated, sealed, and lubricated roles for maximum wear restance sprocket guards; John Dere under carriage features deer-heat-treated, sealed, and lubricated roles for maximum wear restance sprocket guards; John Dere under carriage features deer heat-treated, sealed, and lubricated roles for maximum wear restance. Sprocket guards; John Dere under carriage features deer heat-treated, sealed, and lubricated roles for maximum wear restance. Sprocket guards; John Dere under carriage features deer heat-treated, sealed, and lubricated roles for maximum wear restance. Sprocket guards; John Dere under carriage features deer heat-treated. Track Length on Group State and lubricated track links and their pose deel, and lubricated roles for maximum wear restance. Sprocket guards; John Dere under carriage features deel, and lubricated roles for maximum wear restance. Sprocket guards; John Dere under carriage features deel, and lubricated roles for maximum wear restance. Sprocket guards; John Dere under carriage features deel and lubricated roles for maximum wear restance. Sprocket guards; John Dere under carriage features deel and lubricated roles for maximum wear restance. Sprocket guards; John Dere under carriage features deel and lubricated roles for maximum wear restance. Sprocket guards; John Dere under carriage features deel and lubricated roles for maximum wear restance. Sprocket guards; John Dere under carriage features deel features deel features deel features deel features deel fea	Battery Capacity	950 CCA					
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Undercarriage Track frame with front and rear track guides and sprocket guards; John Deere undercarriage features deep-heat-treated, sealed, and lubricated track links and through-hardened, sealed, and lubricated rollers for maximum wear resistance; sprockets are segmented Track Gauge TK40 mm (68.5 m.) Grouser Width 510 mm (20 in.) Chain Sealed and lubricated Shoes, Each Side 38 Track Rollers, Each Side 6 Track Length on Ground 2414 mm (95 in.) Ground Contact Area S10-mm (22 in.) Grouser Width 27 036 cm² (4.19) as, in.) Ground Contact Area S10-mm (22 in.] Grouser Width 27 036 cm² (4.39) as, in.) Ground Pressure General-Purpose Bucket Multipurpose Bucket S10-mm (22 in.] Grouser Width 190 mm (75 in.] Sciellation at Front Boller ±35 mm (±14 in.) Buckets (with tecth) Width Capacity Heaped Bucket Weight Breakout Force Static Tipping Load Clamping Force General Purpose 2470 mm (97 in.) 19 m² (2.4 cu. yd.) 100 m (97 in.) 19 m² (2.4 cu. yd.) 120 8 kg (2.665 lb.) 148 kN (33.271 lbf) 12 148 kg (18,731 lbf) 2744 kg (18,731 lbf) 2744 kg (18,731 lbf) 2743 kg (18,731 lbf) 2744	Alternator Rating	100 amp					
Undercarriage Track frame with front and rear track guides and sprocket guards; John Deere undercarriage features deep-heat-treated, sealed, and lubricated track links and through-hardened, sealed, and lubricated rollers for maximum wear resistance; sprockets are segmented Track Gauge TK40 mm (68.5 m.) Grouser Width 510 mm (20 in.) Chain Sealed and lubricated Shoes, Each Side 38 Track Rollers, Each Side 6 Track Length on Ground 2414 mm (95 in.) Ground Contact Area S10-mm (22 in.) Grouser Width 27 036 cm² (4.19) as, in.) Ground Contact Area S10-mm (22 in.] Grouser Width 27 036 cm² (4.39) as, in.) Ground Pressure General-Purpose Bucket Multipurpose Bucket S10-mm (22 in.] Grouser Width 190 mm (75 in.] Sciellation at Front Boller ±35 mm (±14 in.) Buckets (with tecth) Width Capacity Heaped Bucket Weight Breakout Force Static Tipping Load Clamping Force General Purpose 2470 mm (97 in.) 19 m² (2.4 cu. yd.) 100 m (97 in.) 19 m² (2.4 cu. yd.) 120 8 kg (2.665 lb.) 148 kN (33.271 lbf) 12 148 kg (18,731 lbf) 2744 kg (18,731 lbf) 2744 kg (18,731 lbf) 2743 kg (18,731 lbf) 2744	Lights	Halogen cab-mour	nted forward facing (2	2), rear mounted (2), a	and engine compartm	ent (1)	
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Ground Pressure General-Purpose Iver Multipurpose Bucket Indicipation Secure	510-mm (20 in.) Grouser Width	24 622 cm ² (3,816 s	q. in.)				
510-mm (20 in.) Grouser Width 73.7 kPa (10.7 psi) 74.7 kPa (10.8 psi) 560-mm (22 in.) Grouser Width 67.4 kPa (9.8 psi) 68.4 kPa (9.9 psi) Track Pitch 190 mm (7.5 in.)	560-mm (22 in.) Grouser Width						
560-mm (22 in.) Grouser Width 67.4 kPa (9.8 psi) 68.4 kPa (9.9 psi) Track Pitch 190 mm (75 in.)	Ground Pressure	General-Purpose B	ucket	Multipurpose Buck	et		
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Oscillation at Front Roller ±35 mm (±1.4 in.) Buckets (with teeth) ±35 mm (±1.4 in.) Buckets (with teeth) Kinnum General Purpose Width Capacity Heaped (B ft. 1 in.) Bucket Weight (B ft. 1 in.) Breakout Force (27,432 lb.) Static Tipping Load (27,432 lb.) Maximum (27,432 lb.) Multipurpose 2470 mm (97 in.) (B ft. 1 in.) 1.6 m³ (2.1 cu. yd.) (B ft. 1 in.) 1480 kg (3,262 lb.) (B ft. 1 in.) 148 kN (33,271 lbf) (26,861 lb.) 12 H4k gg (26,861 lb.) 8514 kg (18,731 lbf) (26,861 lb.) Operator Station Exerciseability	560-mm (22 in.) Grouser Width	67.4 kPa (9.8 psi)		68.4 kPa (9.9 psi)			
Buckets (with teeth) Maximum Width Capacity Heaped Bucket Weight Breakout Force Static Tipping Load Clamping Force General Purpose 2470 mm (97 in.) 1.9 m³ (2.4 cu. yd.) 1208 kg (2,655 lb.) 148 kN (33,271 lbf) 12 443 kg N/A Multipurpose 2470 mm (97 in.) 1.6 m³ (2.1 cu. yd.) 1480 kg (3,262 lb.) 148 kN (33,271 lbf) 12 144 kg 8514 kg (18,731 lbf) Operator Station 87470 mm (97 in.) 1.6 m³ (2.1 cu. yd.) 1480 kg (3,262 lb.) 148 kN (33,271 lbf) 12 144 kg 8514 kg (18,731 lbf) Operator Station 875 (SO 3471 – 2008) 875 (SO 3471 – 20	Track Pitch	190 mm (7.5 in.)					
MaximumWidthCapacity HeapedBucket WeightBreakout ForceStatic Tipping LoadClamping ForceGeneral Purpose2470 mm (97 in.) (8 ft. 1 in.)1.9 m³ (2.4 cu. yd.) (8 ft. 1 in.)1208 kg (2,665 lb.) (27,432 lb.)124 ks (33,271 lbf) (27,432 lb.)12 443 kg (27,432 lb.)N/AMultipurpose2470 mm (97 in.) (8 ft. 1 in.)1.6 m³ (2.1 cu. yd.) (8 ft. 1 in.)148 kg (3,262 lb.)148 kN (33,271 lbf) (26,861 lb.)12 184 kg (26,861 lb.)8514 kg (18,731 lbf) (26,861 lb.)Operator StationServiceabilityServiceabilityServiceabilityServiceabilityServiceabilityServiceabilityFuel Tank with Lockable Cap Cooling System with Recovery Tank (19 coling System with Filter263 L (69.5 gal.)ServiceabilityServiceabilityServiceabilityTransmission Reservoir with Filter24.6 L (6.5 gal.)ServiceabilityServiceabilityServiceabilityMydruulic Reservoir and Filter21.5 (32.1 gal.)ServiceabilityServiceabilityServiceabilityInner Final Drive Inner Final Drive (each)8.0 L (2.1 gal.)ServiceabilityServiceabilityServiceability	Oscillation at Front Roller	±35 mm (±1.4 in.)					
Width Capacity Heaped (a ft. 1 in.) Bucket Weight (b ft. 1 in.) Breakout Force (b ft. 1 in.) Static Tipping Load (b ft. 1 in.) Clamming Force (b ft. 1 in.) Multipurpose 2470 mm (97 in.) (a ft. 1 in.) 1.9 m³ (2.4 cu. yd.) 1208 kg (3,665 lb.) 148 kN (33,271 lbf) (2,432 lb.) 12 443 kg (2,7432 lb.) N/A Operator Station 2470 mm (97 in.) (a ft. 1 in.) 1.6 m³ (2.1 cu. yd.) 1480 kg (3,262 lb.) 148 kN (33,271 lbf) (2,6861 lb.) 8514 kg (18,731 lbf) (2,6861 lb.) Operator Station 5	Buckets (with teeth)						
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(8 ft. 1 in.) (27,432 lb.) Multipurpose 2470 mm (97 in.) 1.6 m³ (2.1 cu. yd.) 1480 kg (3,262 lb.) 148 kN (33,271 lbf) 12 184 kg 8514 kg (18,731 lbf) Operator Station (26,861 lb.) (26,861 lb.) 8514 kg (18,731 lbf) RoPS (ISO 3471 – 2008) Serviceability 8514 kg (18,731 lbf) (26,861 lb.) Serviceability Serviceability 8514 kg (18,731 lbf) (26,861 lb.) Refill Capacities 5 5 5 5 Fuel Tank with Lockable Cap 263 L (69.5 gal.) 5 5 Cooling System with Recovery Tank 30.3 L (8.0 gal.) 5 5 Engine Oil with Filter 24.6 L (6.5 gal.) 5 5 Transmission Reservoir with Filter 66.6 L (17.6 gal.) 5 5 Hydraulic Reservoir and Filter 12.5 L (32.1 gal.) 5 5 5 Diesel Exhaust Fluid (DEF) Reservoir 8.5 L (2.2 gal.) 5 5 5 5 Final Drive Inner Final Drive (each) 8.0 L (2.1 gal.) 5 5 5		Width			Breakout Force	Static Tipping Load	Clamping Force
(8 ft. 1 in.)(26,861 lb.)Operator Station(26,861 lb.)ROPS (ISO 3471 – 2008)Refill CapacitiesFuel Tank with Lockable Cap263 L (69.5 gal.)Cooling System with Recovery Tank30.3 L (8.0 gal.)Engine Oil with Filter24.6 L (6.5 gal.)Transmission Reservoir with Filter66.6 L (17.6 gal.)Hydraulic Reservoir and Filter121.5 L (32.1 gal.)Diesel Exhaust Fluid (DEF) Reservoir8.5 L (2.2 gal.)Final Drive8.0 L (2.1 gal.)	General Purpose		1.9 m³ (2.4 cu. yd.)	1208 kg (2,665 lb.)	148 kN (33,271 lbf)	5	N/A
ROPS (ISO 3471 – 2008) Serviceability Refil Capacities Fuel Tank with Lockable Cap 263 L (69.5 gal.) Cooling System with Recovery Tank 30.3 L (8.0 gal.) Engine Oil with Filter 24.6 L (6.5 gal.) Transmission Reservoir with Filter 66.6 L (17.6 gal.) Hydraulic Reservoir and Filter 121.5 L (32.1 gal.) Diesel Exhaust Fluid (DEF) Reservoir 8.5 L (2.2 gal.) Final Drive Inner Final Drive (each) 8.0 L (2.1 gal.)	Multipurpose		1.6 m³ (2.1 cu. yd.)	1480 kg (3,262 lb.)	148 kN (33,271 lbf)		8514 kg (18,731 lbf)
ServiceabilityRefill CapacitiesFuel Tank with Lockable Cap263 L (69.5 gal.)Cooling System with Recovery Tank30.3 L (8.0 gal.)Engine Oil with Filter24.6 L (6.5 gal.)Transmission Reservoir with Filter66.6 L (17.6 gal.)Hydraulic Reservoir and Filter121.5 L (32.1 gal.)Diesel Exhaust Fluid (DEF) Reservoir8.5 L (2.2 gal.)Final Drive	Operator Station						
Fuel Tank with Lockable Cap263 L (69.5 gal.)Cooling System with Recovery Tank30.3 L (8.0 gal.)Engine Oil with Filter24.6 L (6.5 gal.)Transmission Reservoir with Filter66.6 L (17.6 gal.)Hydraulic Reservoir and Filter121.5 L (32.1 gal.)Diesel Exhaust Fluid (DEF) Reservoir8.5 L (2.2 gal.)Final Drive	ROPS (ISO 3471 – 2008)						
Fuel Tank with Lockable Cap263 L (69.5 gal.)Cooling System with Recovery Tank30.3 L (8.0 gal.)Engine Oil with Filter24.6 L (6.5 gal.)Transmission Reservoir with Filter66.6 L (17.6 gal.)Hydraulic Reservoir and Filter121.5 L (32.1 gal.)Diesel Exhaust Fluid (DEF) Reservoir8.5 L (2.2 gal.)Final Drive	Serviceability						
Cooling System with Recovery Tank30.3 L (8.0 gal.)Engine Oil with Filter24.6 L (6.5 gal.)Transmission Reservoir with Filter66.6 L (17.6 gal.)Hydraulic Reservoir and Filter121.5 L (32.1 gal.)Diesel Exhaust Fluid (DEF) Reservoir8.5 L (2.2 gal.)Final Drive8.0 L (2.1 gal.)	Refill Capacities						
Cooling System with Recovery Tank30.3 L (8.0 gal.)Engine Oil with Filter24.6 L (6.5 gal.)Transmission Reservoir with Filter66.6 L (17.6 gal.)Hydraulic Reservoir and Filter121.5 L (32.1 gal.)Diesel Exhaust Fluid (DEF) Reservoir8.5 L (2.2 gal.)Final Drive8.0 L (2.1 gal.)	Fuel Tank with Lockable Cap	263 L (69.5 gal.)					
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Diesel Exhaust Fluid (DEF) Reservoir 8.5 L (2.2 gal.) Final Drive Inner Final Drive (each) 8.0 L (2.1 gal.)	5						
Final Drive Inner Final Drive (each) 8.0 L (2.1 gal.)	Hydraulic Reservoir and Filter						
Final Drive Inner Final Drive (each) 8.0 L (2.1 gal.)	Diesel Exhaust Fluid (DEF) Reservoir	8.5 L (2.2 gal.)					
······································		-					
Outer Planetary (each) 15.6 L (4.1 gal.)	Inner Final Drive (each)	8.0 L (2.1 gal.)					
	Outer Planetary (each)	15.6 L (4.1 gal.)					

Operating Weights	655K
	urizer and heater/air conditioner, general-purpose bucket with bolt-on teeth and edge segments, full fuel tank, and 79-kg
(175 lb.) operator	
Base Weight	18 422 kg (40,614 lb.)
Optional Components	
Cab with Pressurizer and Heater/	In base
Air Conditioner	
Lift-Cylinder Guards	18.4 kg (41 lb.)
Full-Length Rock Guards	180 kg (398 lb.)
Final-Drive Trash Guards	79 kg (155 lb.)
Clam-Cylinder Protection for Multi-	50 kg (110 lb.)
purpose Bucket	
Retrieval Hitch	62 kg (136 lb.)
Double-Bar Grousers	
510 mm (20 in.)	In base
560 mm (22 in.) 560 mm (22 in.)	120 kg (265 lb.)
Machine Dimensions	
A Overall Height	3120 mm (10 ft. 3 in.)
B Tread Depth with Double-Bar Grouser	35 mm (1.4 in.)
C Length to Front of Track	4920 mm (16 ft. 2 in.)
D Overall Length with Bucket and Teeth	
General Purpose	6735 mm (265 in.) (22 ft. 1.2 in.)
Multipurpose	6635 mm (261 in.) (21 ft. 9 in.)
E Track Gauge	1740 mm (5 ft. 9 in.)
F Ground Clearance (excludes grouser	395 mm (15.6 in.)
height)	





655K CRAWLER LOADER WITH GENERAL-PURPOSE BUCKET

	655K	Machine Dimensions (continued)	655K
Bucket Type	General-Purpose Bucket	Bucket Type	Multipurpose Bucket
G Dumping Height at 45 deg.	2665 mm (105 in.)	G Dumping Height at 45 deg. (bucket)	2700 mm (106.3 in.)
H Reach at 45 deg.	1036 mm (41 in.)	G ^I Dumping Height at 45 deg. (blade)	3325 mm (130.9 in.)
I Maximum Digging Depth Below Grade	152 mm (6 in.)	H Reach at 45 deg. (bucket)	930 mm (36.6 in.)
J Maximum Operating Height	4920 mm (193.7 in.)	H ^I Reach at 45 deg. (blade)	380 mm (15 in.)
K Maximum Height of Hinge Pin	3710 mm (146.1 in.)	I Maximum Digging Depth Below Grade	205 mm (8.1 in.)
L Height of Hinge Pin, Transport	400 mm (15.7 in.)	J Maximum Operating Height (open)	5700 mm (224.4 in.)
M Width of Bucket	2470 mm (97 in.)	J ^I Maximum Operating Height (closed)	4920 mm (193.7 in.)
		K Maximum Height of Hinge Pin	3710 mm (146.1 in.)
	T	L Height of Hinge Pin, Transport	400 mm (15.7 in.)
	12 Alexandress of the second s	M Width of Bucket	2470 mm (97.2 in.)
		N Width of Opening	1135 mm (44.7 in.)

655K CRAWLER LOADER WITH MULTIPURPOSE BUCKET AND 3-SHANK RIGID-TYPE RADIAL RIPPER WITH ESCO® RIPPER TIPS

Rear Ripper	655K
Multi-shank (3) radial ripper with ESCC	ripper tips
Ripper Weight	845 kg (1,863 lb.)
O Ground Clearance Below Toolbar	215 mm (8.5 in.)
P Ripping Width	1740 mm (5 ft. 9 in.)
Q Toolbar Width	1941 mm (76.4 in.)
R Lifting Height	740 mm (29.1 in.)
S Ripping Depth	260 mm (10.2 in.)
T Additional Overall Length, Raised	665 mm (26.2 in.)
T Additional Overall Length, Lowered	685 mm (27 in.)
U Distance Between Teeth	870 mm (34.3 in.)
V Approach Angle, Ripper Raised	15 deg.



Engine	755K		
Manufacturer and Model	John Deere PowerTech™ PVS	6068	
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV		
Displacement	6.8 L (414 cu. in.)		
SAE Net Rated Power	145 kW (194 hp) at 1,800 rpm		
Net Peak Torque	942 Nm (695 ftlb.) at 1,400		
Aspiration	Turbocharged with charge ai	r cooler	
Air Cleaner	Dual-stage dry tube with tar	gential unloader	
Cooling			
Fan	Variable-speed suction fan w	vith automatic reversing	
Engine Coolant Rating	–37 deg. C (–34 deg. F)		
Engine Radiator	10.2 fins per inch		
Powertrain			
Transmission	changing load conditions; ea combination; ground-speed	ch individually controlled track is powered selection buttons on single-lever steering	utomatically adjusts speed and power to match d by a variable-displacement piston pump and motor g and direction control; independently selectable decelerator pedal controls ground speed to stop
System Relief Pressure	45 850 kPa (6,650 psi)		
Travel Speeds			
Forward and Reverse	10 km/h (6.2 mph)		
Maximum (optional)	10 km/h (6.2 mph)		
Steering	5 5 1 1	direction control, and counterrotation; fu ability and optimum control; HST steering	Ill power turns and infinitely variable track speeds eliminates steering clutches and brakes
Final Drives	Double-reduction, planetary	final drives transfer torque loads over 3 g	jear sets
Total Ratio	44.7483 to 1		
Drawbar Pull			
Maximum	345 kN (77,600 lb.)		
At 1.9 km/h (1.2 mph)	173 kN (39,000 lb.)		
At 3.2 km/h (2.0 mph)	118 kN (26,600 lb.)		
Brakes	Decelerator/brake pedal; aut engine power	omatic power management with manual o	override for matching ground speed to available
Service Brakes	HST (dynamic) braking stops decelerator is depressed to t		trol lever is moved to neutral or whenever the
Туре	Hydraulic		
Parking Brakes	to the end of travel, or when	ever the park-lock lever is placed in the up and motion is detected; machine cannot	e engine stops, whenever the decelerator is depressed oward position or the transmission-control lever is t be driven with brake applied, reducing wear-out or
Hydraulics			
Туре	Load sense, piston pump		
Pump Flow	246 L/m (65 gpm)		
System Relief Pressure	26 028 kPa (3,775 psi)		
Differential Pressure	1896 kPa (275 psi)		
Maximum Flow at Unloaded High Idle	256 L/m (68 gpm)		
Control	Dual-axis joystick with optio	nal multipurpose bucket function, or 2- o	r 3-lever stackable
Cylinders			
${\it Heat-treated, chrome-plated, polished}$	cylinder rods; hardened steel pi		
	Bore	Rod Diameter	Stroke
Lift Cylinders	140 mm (5.5 in.)	80 mm (3.1 in.)	854 mm (33.6 in.)
Bucket-Dump Cylinder	180 mm (7.0 in.)	115 mm (4.5 in.)	551 mm (21.7 in.)





Number of Batteries (12 volt) 2 Battery Copacity 950 CCA Reserve Capacity 190 min. Alternator Rating 100 amp Lights Halogen cab-mounted forward facing (2), rear mounted (2), and engine compartment (1) Undercarriage Track frame with front and rear track guides and sprocket guards; John Deere undercarriage features deep-heat-treated, sealed, and lubricated track links and through-hardened, sealed, and lubricated rollers for maximum wear resistance; sprocket are segmented Track Gauge 1880 mm (74 in.) Grouser Width 560 mm (22 in.) Chain Sealed and lubricated Shoes, Each Side 38 Track Round (21, Grouser Width 26 294 cm² (4,076 sq. in.) Ground Contact Area 510-mm (22 in.) Grouser Width 26 294 cm² (4,076 sq. in.) Soo-mm (22 in.) Grouser Width 26 294 cm² (4,073 sq. in.) 77.2 kPa (11.2 psi) Ground Contact Area 510-mm (20 in.) Grouser Width 26 294 cm² (4,073 sq. in.) Soo-mm (22 in.) Grouser Width 26 294 cm² (4,073 sq. in.) 70.3 kPa (10.2 psi) Ground Presse Bucket Multipurpose Bucket Static Tipping Load Soo-mm (22 in.) Grouser Width 69.6 kPa (10.1 psi) <t< th=""><th>Electrical</th><th>755K</th><th></th><th></th><th></th><th></th><th></th></t<>	Electrical	755K					
Batter of pacity950 CAReserve Capacity900 min.Harmator Rating000 mUbjts*Nalger cata-mounted (2) war war war and rear track war	Voltage	24 volts					
Reserve Capacity 190 min. Alternator Rating 100 anp Alternator Rating 100 anp Upths Halogen cab-mounted forward facing [2], rear mounted [2], and engine compartment [1] Undercarriage Track frame with front and rear track guides and sprocket guards; John Deere undercarriage features deep-heat-treated, asseled, and lubricated rollers for maximum wear resistance; sprocket are segmented Track Gauge 1880 mm (24 m.) Grouser Width 500 mm [22 in.] Chain Seeled and lubricated Shoes, Each Side 38 Track Rollers, Each Side 6 Track Rollers, Each Side 6 Stoom Goround Contact Area 500-mm [22 in.] Stoom [20 in] Grouser Width 26 294 cm² (4,076 sq. in.) Stoom [20 in] Grouser Width 26 294 cm² (4,076 sq. in.) Stoom [20 in] Grouser Width 26 294 cm² (4,076 sq. in.) Stoom [20 in] Grouser Width 26 294 cm² (4,076 sq. in.) Stoom [20 in] Grouser Width 26 294 cm² (4,076 sq. in.) Stoom [20 in] Grouser Width 26 294 cm² (4,076 sq. in.) Stoom [20 in] Grouser Width 26 294 cm² (4,076 sq. in.) Stoom [20 in] Grouser Width <	Number of Batteries (12 volt)	2					
Alternation Rating100 ampUightsHaloge non-united (2), and regine compartment (1)Uight CareerHaloge non-united (2), and regine compartment (2), an	Battery Capacity	950 CCA					
Alternation Rating100 ampUightsHaloge non-united (2), and regine compartment (1)Uight CareerHaloge non-united (2), and regine compartment (2), an	Reserve Capacity	190 min.					
Lights Halogen cab-mounted forward facing (2), rear mounted (2), and engine compartment (I) Undercerringe Track frame with front and rear track guides and sprocket guards; John Deere undercarriage features duep-heat-treated, sealed, and lubricated rack links and through-hardened, sealed, and lubricated rollers for maximum wear resistance; sprocket are segmented Track Gauge 1880 mm (74 in.)		100 amp					
Undercarriage Track frame with front and rear track guides and sprocket guards; John Deere undercarriage features deep-heat-treated, sealed, and lubricated rollers for maximum wear resistance; sprocket are segmented Track Gauge 1880 mm (74 in.) Grouser Width 560 mm (22 in.) Chain Sealed and lubricated Shoes, Each Side 6 Track Rollers, Each Side 6 Grouser Kidth 2588 mm (102 in.) Ground Contact Area 2588 mm (102 in.) Stoom Rouser Width 26 294 cm² (4,076 sq. in.) Stoom Rouser Width 26 294 cm² (4,076 sq. in.) Stoom Rouser Width 75 88 cm² (4,493 sq. in.) Ground Consuer Width 76 5 84 cm² (10,1 psi) Stoom Rouser Width 76 5 84 (101 psi) Stoom Rouser Width 23 80 cm² (4,493 sq. in.) Ground Forts Roller 23 mm (81 in.) Socillation at Front Boller 23 mm (21 in.] Buckets (with teeth) Kidth Gapacity Heaped Bucket Weight Breakout Force Static Tipping Load Static Tipping Load Clamping Force Static Tipping Load Clamping Force Static Tipping Load Statis Tipping Load	Lights	Halogen cab-mour	ted forward facing (2), rear mounted (2), a	nd engine compartm	ent (1)	
sealed, and lubricated track links and through-hardened, sealed, and lubricated rollers for maximum wear resistance; sprocket are segmented Track Gauge 180 Grouzer Width 560 mm (22 in.) Shoes, Each Side 38 Track Rollers, Each Side 6 Track Rollers, Each Side 6 Track Rollers, Each Side 6 Shoes, Each Side 288 mm (102 in.) Ground Contact Area 560 mm (22 in.) Sf0-mm (20 in.) Grouzer Width 26 294 cm² (4,078 s, i.) Sf0-mm (22 in.) Grouzer Width 26 294 cm² (4,043 sq. in.) Sf0-mm (22 in.) Grouzer Width 26 294 cm² (4,043 sq. in.) Sf0-mm (22 in.) Grouzer Width 26 985 cm² (4,493 sq. in.) Sf0-mm (22 in.) Grouzer Width 765 kPa (110 ps) Sf0-mm (22 in.) Grouzer Width 26 98 kPa (101 ps) Sf0-mm (22 in.) Grouzer Width 203 mm (81 in.) Scalilation at Front Roller 33 mm (12/a in.) Scalilation at Front Roller 259 mm (130 in.) Scalilation at Front Roller 259 mm (130 in.) (816 c. 61 n.) 259 mm (130 in.) (817 c. 61 n.) 130 kg (4,035 lb.) (Undercarriage	, j	Ĩ				
Track Gauge 1880 mm (72 in.) Grouser Width 560 mm (22 in.) Chain Sealed and lubricated Shoes, Each Side 38 Track Rollers, Each Side 6 Track Rollers, Each Side 6 Ground Contact Area 50 - mn (22 in.) Grouser Width 26 294 cm² (4076 sq. in.) S60 - mm (22 in.) Grouser Width 28 985 cm² (4,493 sq. in.) 560 - mm (22 in.) Grouser Width 26 294 cm² (4076 sq. in.) S60 - mm (22 in.) Grouser Width 28 985 cm² (4,493 sq. in.) 77.2 kPa (11.2 psi) 57.2 kPa (11.2 psi) S60 - mm (22 in.) Grouser Width 69.6 kPa (10.1 psi) 70.3 kPa (10.2 psi) 57.2 kPa (11.2 psi) S60 - mm (22 in.) Grouser Width 69.6 kPa (10.1 psi) 70.3 kPa (10.2 psi) 57.2 kPa (11.2 psi) Scillation at Front Rolle 25 mm (12.1 in.) 20.3 mm (12.1 in.) 70.3 kPa (10.2 psi) 57.2 kPa (11.2 psi) Scillation at Front Rolle 25 mm (12.1 in.) 2.5 m (12.4 in.) 8.2 ket Weight 8.2 ket Weight 8.2 ket Weight 8.2 ket Weight 15.2 ket (14.4 ket 28.1 fot) Scillation at Front Rolle 25.9 mm (130 in.) 2.5 m (13.2 ket (14.3 (3.0 4 ket)) 197 kN (4	Tracks	sealed, and lubricat					
Chain Sealed and lubricated Shoes, Each Side 38 Track Rollers, Each Side 6 Track Rollers, Each Side 6 Track Rollers, Each Side 588 mm (102 in.) Ground Contact Area 510-mm (20 in.) Grouser Width 26 294 cm² (4,076 sq. in.) S60-mm (22 in.) Grouser Width 26 294 cm² (4,075 sq. in.) 77.2 kPa (11.2 psi) Ground Pressure General-Purpose Bucket Multipurpose Bucket V S10-mm (22 in.) Grouser Width 69.6 kPa (10.1 psi) 70.3 kPa (10.2 psi) V S60-mm (22 in.) Grouser Width 69.6 kPa (10.1 psi) 70.3 kPa (10.2 psi) V V S60-mm (22 in.) Grouser Width 02.0 mm (8 in.) Occurrent (10.1 psi) V V V S60-mm (22 in.) Grouser Width 69.6 kPa (10.0 psi) 70.3 kPa (10.2 psi) V V V V S60-mm (22 in.) Grouser Width 20.3 mm (8 in.) V V V V V V S60-mm (22 in.) Grouser Width KB (10.1 psi) V V V V V V V V	Track Gauge	-					
Shoes, Each Side 38 Track Rollers, Each Side 6 Track Length on Ground 258 mm (102 in.) Ground Contact Aree 500-mm (20 in.) Grouser Width 26 294 cm² (4,076 sq. in.) Sf00-mm (20 in.) Grouser Width 26 294 cm² (4,076 sq. in.) 500-mm (20 in.) Grouser Width 26 898 cm² (4,076 sq. in.) Sf00-mm (20 in.) Grouser Width 26 994 cm² (4,076 sq. in.) 500-mm (20 in.) Grouser Width 26 994 cm² (4,076 sq. in.) Sf00-mm (20 in.) Grouser Width 26 994 cm² (4,076 sq. in.) 77.2 kPa (11.2 psi) 500-mm (20 in.) Grouser Width 76.5 kPa (10.1 psi) 77.2 kPa (10.2 psi) 500-mm (20 in.) Grouser Width 69.6 kPa (10.1 psi) 70.3 kPa (10.2 psi) 500-mm (20 in.) Grouser Width 69.6 kPa (10.1 psi) 70.3 kPa (10.2 psi) 500-mm (20 in.) Grouser Width 50.5 km (10.2 psi) 500 mm (20 in.) Grouser Width 50.5 km (10.1 psi) 70.3 kPa (10.2 psi) 500 mm (20 in.) Grouser Width 500 mm (20 in.) Grouser Width 500 mm (20 in.) Grouser Width 50.5 km (10.1 psi) 70.3 kPa (10.2 psi) 500 mm (20 in.) Grouser Width 500 km (20 in.) Grouser Width 500 km (20 in.) Grouser Width	Grouser Width	560 mm (22 in.)					
Track Rollers, Each Side 6 Track Length on Ground 258 mm (102 in.) Ground Contact Area 26 294 cm² (4,076 sq. in.) 500-mm (22 in.) Grouser Width 28 985 cm² (4,493 sq. in.) Ground Pressure General-Purpose Bucket Multipurpose Bucket S10-mm (22 in.) Grouser Width 28 985 cm² (4,493 sq. in.) S00-mm (22 in.) Grouser Width 696 kPa (10.1 psi) 77.2 kPa (11.2 psi) S60-mm (22 in.) Grouser Width 696 kPa (10.1 psi) 70.3 kPa (10.2 psi) Scollation at Front Roller ±35 mm (±1 a i.) Buckets (with teeth) 23 mm (±1 a i.) Buckets (with teeth) 25 m³ (3.2 cu. yd.) 154 kg (3,404 lb.) 197 kN (44,287 lbf) 153 62 kg N/A General Purpose 2591 nm (130 in.) 2.5 m³ (2.2 cu. yd.) 1830 kg (4,035 lb.) 197 kN (44,287 lbf) 1490 kg (24,493 lbf) Multipurpose (8 ft. 6 in.) 2.0 m³ (2.6 cu. yd.) 1830 kg (4,035 lb.) 197 kN (44,287 lbf) 1490 kg (24,493 lbf) (24,493	Chain	Sealed and lubricat	ed				
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Ground Contact Area 500-mm (20 in.) Grouser Width 26 294 cm² (4,076 sq. in.) 500-mm (22 in.) Grouser Width 28 985 cm² (4,493 sq. in.) Image: Contact Area Ground Pressure General-Purpose Bucket Multipurpose Bucket Image: Contact Area 510-mm (20 in.) Grouser Width 76.5 KPa (111 psi) 77.2 KPa (11.2 psi) Image: Contact Area 500-mm (20 in.) Grouser Width 69.6 kPa (10.1 psi) 77.2 KPa (11.2 psi) Image: Contact Area 560-mm (22 in.) Grouser Width 69.6 kPa (10.1 psi) 77.2 KPa (11.2 psi) Image: Contact Area 560-mm (22 in.) Grouser Width 20.3 mm (8 in.) 77.2 KPa (11.2 psi) Image: Contact Area Oscillation at Front Roller 435 mm (±14 in.) Image: Contact Area Image: Contact Area S60-mm (22 in.) Grouser Width Capacity Heaped Bucket Weight Breakout Force Static Tipping Load Clamping Force Oscillation at Front Roller 2591 mm (130 in.) 2.5 m² (3.2 cu. yd.) Is64 kg (3,404 lb.) Image: Contact Area Image: Contact Area Multipurpose 2591 mm (130 in.) 2.0 m³ (2.6 cu. yd.) Is30 kg (4,035 lb.) Image: Contact Area Image: Contact Area <td>Track Rollers, Each Side</td> <td>6</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Track Rollers, Each Side	6					
Ground Contact Area 500-mm (20 in.) Grouser Width 26 294 cm² (4,076 sq. in.) 500-mm (22 in.) Grouser Width 28 985 cm² (4,493 sq. in.) Image: Contact Area Ground Pressure General-Purpose Bucket Multipurpose Bucket Image: Contact Area 510-mm (20 in.) Grouser Width 76.5 KPa (111 psi) 77.2 KPa (11.2 psi) Image: Contact Area 500-mm (20 in.) Grouser Width 69.6 kPa (10.1 psi) 77.2 KPa (11.2 psi) Image: Contact Area 560-mm (22 in.) Grouser Width 69.6 kPa (10.1 psi) 77.2 KPa (11.2 psi) Image: Contact Area 560-mm (22 in.) Grouser Width 20.3 mm (8 in.) 77.2 KPa (11.2 psi) Image: Contact Area Oscillation at Front Roller 435 mm (±14 in.) Image: Contact Area Image: Contact Area S60-mm (22 in.) Grouser Width Capacity Heaped Bucket Weight Breakout Force Static Tipping Load Clamping Force Oscillation at Front Roller 2591 mm (130 in.) 2.5 m² (3.2 cu. yd.) Is64 kg (3,404 lb.) Image: Contact Area Image: Contact Area Multipurpose 2591 mm (130 in.) 2.0 m³ (2.6 cu. yd.) Is30 kg (4,035 lb.) Image: Contact Area Image: Contact Area <td>Track Length on Ground</td> <td>2588 mm (102 in.)</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Track Length on Ground	2588 mm (102 in.)					
560-mm (22 in.) Grouser Width 28 985 cm² (4,493 sq. in.) Ground Pressure General-Purpose Bucket Multipurpose Bucket Multipurpose Bucket 510-mm (20 in.) Grouser Width 76.5 kPa (11.1 psi) 77.2 kPa (11.2 psi)	-						
Ground PressureGeneral-Purpose With Sol Server (12, 5)Multipurpose BucketSol Server (12, 5)\$10-mn (20) Grouser With M696, Ver (10, 6)72, Ver (11, 2, 6)Sol Server (12, 6)\$13-ch (12, 6)03 ma (13, 1)Sol Server (12, 6)Sol Server (12, 6)Sol Server (12, 6)\$13-ch (12, 6)03 ma (13, 1)Sol Server (12, 6)Sol Server (12, 6)Sol Server (12, 6)Sol Server (12, 6)\$13-ch (12, 6)Sol Server (12, 6)\$14-ch (12, 6)Sol Server (12, 6)\$14-ch (12, 6)Sol Server (12, 6)\$14-ch (12, 6)Sol Server (12, 6)\$14-ch (12, 6)Sol Server (12, 6)\$14-ch (12, 6)Sol Server (12, 6)\$14-ch (12, 6)Sol Server (12, 6)\$14-ch (12, 6)Sol Server (12, 6)\$14-ch (12, 6)Sol Server (12, 6)Sol Server (12, 6)Sol Server (12, 6)Sol Server (12, 6)Sol Ser	510-mm (20 in.) Grouser Width	26 294 cm ² (4,076 s	sq. in.)				
510-mm (20 in.) Grouser Width 76.5 kPa (11.1 psi) 77.2 kPa (11.2 psi) 560-mm (22 in.) Grouser Width 69.6 kPa (10.1 psi) 70.3 kPa (10.2 psi) Track Pitch 03 mm (8 in.)	560-mm (22 in.) Grouser Width	28 985 cm ² (4,493 s	sq. in.)				
560-mm (22 in.) Grouser Width 69.6 kPa (10.1 psi) 70.3 kPa (10.2 psi) Track Pitch 203 mm (8 in.) 203 mm (8 in.) Oscillation at Front Roller ±35 mm (±1.4 in.) Buckets (with teeth)	Ground Pressure			Multipurpose Bucke	et		
Track Pitch 203 mm (8 in.) Oscillation at Front Roller ±35 mm (±1.4 in.) Buckets (with teeth) Buckets (with teeth) Buckets (with teeth) Maximum Buckets (with teeth) Maximum Buckets (with teeth) Width Capacity Heaped Bucket Weight Breakout Force Static Tipping Load Clamping Force General Purpose 2591 mm (130 in.) 2.5 m³ (3.2 cu. yd.) 1544 kg (3,404 lb.) 197 kN (44,287 lbf) 15 362 kg N/A Multipurpose 2591 mm (130 in.) 2.0 m³ (2.6 cu. yd.) 1830 kg (4,035 lb.) 197 kN (44,287 lbf) 14 901 kg 1110 kg Static Tipping Load Kg ft. 6 in.) 2.0 m³ (2.6 cu. yd.) 1830 kg (4,035 lb.) 197 kN (44,287 lbf) 14 901 kg 1110 kg Static Tipping Load Kg ft. 6 in.) 2.0 m³ (2.6 cu. yd.) 1830 kg (4,035 lb.) 197 kN (44,287 lbf) 14 901 kg 1110 kg Static Tipping Load Kg ft. 6 in.) 2.0 m³ (2.6 cu. yd.) 1830 kg (4,035 lb.) 197 kN (44,287 lbf) 14 901 kg 1110 kg Coloring System with Recowery Tam 32 L (8.5 gal.) Kg ft. K	510-mm (20 in.) Grouser Width	76.5 kPa (11.1 psi)		77.2 kPa (11.2 psi)			
Oscillation at Front Roller ±35 mm (±1.4 in.) Buckets (with teeth) ±35 mm (±1.4 in.) Buckets (with teeth) Maximum Buckets (with teeth) Bucket Weight (8 ft. 6 in.) Bucket Weight (8 ft. 6 in.) Breakout Force (33,867 lb.) Static Tipping Load (13,3867 lb.) Maximum Clamping Force (33,867 lb.) Multipurpose 2591 mm (130 in.) (8 ft. 6 in.) 2.0 m³ (2.6 cu. yd.) 1830 kg (4,035 lb.) 197 kN (44,287 lbf) (32,851 lb.) 4.90 kg (24,493 lbf) Operator Station Every cashing Every cashin	560-mm (22 in.) Grouser Width	69.6 kPa (10.1 psi)		70.3 kPa (10.2 psi)			
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(8 ft. 6 in.) (32,851 lb.) (24,493 lbf) Operator Station (32,851 lb.) (24,493 lbf) ROPS (ISO 3471 – 2008) (32,851 lb.) (24,493 lbf) Serviceability Serviceability (32,851 lb.) (32,851 lb.) Refill Capacities (32,851 lb.) (32,851 lb.) (32,851 lb.) Fuel Tank with Lockable Cap 326 L (86.0 gal.) (32,851 lb.) (32,851 lb.) Cooling System with Recovery Tank 32 L (8.5 gal.) (32,851 lb.) (32,851 lb.) Engine Oil with Filter 24.6 L (6.5 gal.) (32,851 lb.) (32,851 lb.) Transmission Reservoir with Filter 66.6 L (17.6 gal.) (32,851 lb.) (32,851 lb.) Hydraulic Reservoir and Filter 103.0 L (27.2 gal.) (32,851 lb.) (32,851 lb.) Diesel Exhaust Fluid (DEF) Reservoir 8.5 L (2.2 gal.) (32,851 lb.) (32,851 lb.) Final Drive (10,1 gal.) (32,851 lb.) (32,851 lb.) (32,851 lb.)	General Purpose		2.5 m³ (3.2 cu. yd.)	1544 kg (3,404 lb.)	197 kN (44,287 lbf)	2	N/A
Note of the service of	Multipurpose		2.0 m³ (2.6 cu. yd.)	1830 kg (4,035 lb.)	197 kN (44,287 lbf)	5	
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Fuel Tank with Lockable Cap326 L (86.0 gal.)Cooling System with Recovery Tank32 L (8.5 gal.)Engine Oil with Filter24.6 L (6.5 gal.)Transmission Reservoir with Filter66.6 L (17.6 gal.)Hydraulic Reservoir and Filter103.0 L (27.2 gal.)Diesel Exhaust Fluid (DEF) Reservoir8.5 L (2.2 gal.)Final Drive8.0 L (2.1 gal.)	Serviceability						
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Transmission Reservoir with Filter66.6 L (17.6 gal.)Hydraulic Reservoir and Filter103.0 L (27.2 gal.)Diesel Exhaust Fluid (DEF) Reservoir8.5 L (2.2 gal.)Final Drive8.0 L (2.1 gal.)	Cooling System with Recovery Tank	32 L (8.5 gal.)					
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Diesel Exhaust Fluid (DEF) Reservoir 8.5 L (2.2 gal.) Final Drive Inner Final Drive (each) 8.0 L (2.1 gal.)	Hydraulic Reservoir and Filter						
Final Drive Inner Final Drive (each) 8.0 L (2.1 gal.)	Diesel Exhaust Fluid (DEF) Reservoir						
	Final Drive	-					
	Inner Final Drive (each)	8.0 L (2.1 gal.)					
	Outer Planetary (each)	5					

Operating Weights	755K
With standard equipment, cab with press	urizer and heater/air conditioner, general-purpose bucket with bolt-on teeth and edge segments, full fuel tank, and 79-kg
(175 lb.) operator	
Base Weight	20 492 kg (45,178 lb.)
Optional Components	
Cab with Pressurizer and Heater/	In base
Air Conditioner	
Lift-Cylinder Guards	25 kg (55 lb.)
Full-Length Rock Guards	218 kg (480 lb.)
Final-Drive Trash Guards	70 kg (155 lb.)
Clam-Cylinder Protection for Multi-	50 kg (110 lb.)
purpose Bucket	
Retrieval Hitch	67 kg (147 lb.)
Double-Bar Grousers	
510 mm (20 in.)	–141 kg (–311 lb.)
560 mm (22 in.) 560 mm (22 in.)	In base
Machine Dimensions	
A Overall Height	3330 mm (10 ft. 11 in.)
B Tread Depth with Double-Bar Grouser	42.5 mm (1.7 in.)
C Length to Front of Track	5157 mm (16 ft. 11 in.)
D Overall Length with Bucket and Teeth	
General Purpose	6824 mm (269 in.) (22 ft. 4.6 in.)
Multipurpose	6824 mm (269 in.) (22 ft. 4.6 in.)
E Track Gauge	1880 mm (6 ft. 2 in.)
F Ground Clearance (excludes grouser	432 mm (17 in.)
height)	





755K CRAWLER LOADER WITH GENERAL-PURPOSE BUCKET

Machine Dimensions (co	ontinued) 755K	Machine Dimens	ions (continued) 755K	
Bucket Type	General-Purpose Bucke	Bucket Type	Multipurp	oose Bucket
G Dumping Height at 45	6 deg. 2950 mm (116 in.)	G Dumping Heig	nt at 45 deg. (bucket) 2959 mm	(116.5 in.)
H Reach at 45 deg.	1100 mm (43 in.)	G Dumping Heig	nt at 45 deg. (blade) 3662 mm	(144 in.)
I Maximum Digging Dep	oth Below Grade 167 mm (6.6 in.)	H Reach at 45 de	g. (bucket) 1009 mm ((39.7 in.)
J Maximum Operating H	Height 5592 mm (220 in.)	H ^I Reach at 45 de	g. (blade) 406 mm (1	16 in.)
K Maximum Height of H	linge Pin 4080 mm (160.6 in.)	I Maximum Digg	ing Depth Below Grade 226 mm (8	8.9 in.)
L Height of Hinge Pin, T	ransport 457 mm (18 in.)		rating Height (open) 5447 mm ((215.5 in.)
M Width of Bucket	2591 mm (102 in.)	J ^I Maximum Ope	rating Height (closed) 6223 mm ((245 in.)
		K Maximum Heig	ht of Hinge Pin 4080 mm	(160.6 in.)
		L Height of Hing	e Pin, Transport 457 mm (1	8 in.)
	× P	M Width of Buck	et 2591 mm (*	.102 in.)
		N Width of Open	ing 1239 mm (-	48.8 in.)

755K CRAWLER LOADER WITH MULTIPURPOSE BUCKET AND 3-SHANK RIGID-TYPE RADIAL RIPPER WITH ESCO® RIPPER TIPS

Rear Ripper	755K
Multi-shank (3) radial ripper with ESCO	ripper tips
Ripper Weight	884 kg (1,950 lb.)
0 Ground Clearance Below Toolbar	166 mm (6.5 in.)
P Ripping Width	1880 mm (6 ft. 2 in.)
Q Toolbar Width	2118 mm (83.4 in.)
R Lifting Height	800 mm (31.5 in.)
S Ripping Depth	254 mm (10 in.)
T Additional Overall Length, Raised	608 mm (24 in.)
T Additional Overall Length, Lowered	604 mm (23.8 in.)
U Distance Between Teeth	940 mm (3 ft. 1 in.)
V Approach Angle, Ripper Raised	17 deg.

Additional equipment

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

655K	755K	Engine

655K	755K	Engine
		Meets EPA Final Tier 4/EU Stage IV emissions
		Electronic control with automatic engine protection
		Programmable auto engine shutdown
•	•	Dual-element dry-tube air cleaner with tangential unloader valve
		Environmental service drains
		Engine glow plug starting system
		Auto turbo cool-down timer
		Wet-sleeve cylinder liners
•		Eco mode
		Automatic, on-the-fly exhaust filter cleaning
•	•	Fuel filters with automatic electronic priming
		100-amp alternator
		120-volt engine block heater
		Severe-duty 400-mL fuel filter and water separator
		Rotary ejector engine air precleaner
		Cooling
•	•	Tilt-out cooling fan, hydraulically driven, variable-speed suction type
		Automatic, programmable reversing fan
		Engine coolant radiator (10.2 fins per in.)
		Hydrostatic cooler (oil/air – 10.2 fins per in.)
		Hydraulic cooler (oil/air – 10.2 fins per in.)
•	•	Enclosed safety fan guard (conforms to SAE J1308 and ISO3457)
		Perforated engine and hood side shields
•	•	Heavy-duty, trash-resistant radiator and high-ambient cooling package
•	٠	Tilt-out bar-type grille
	•	Extreme-duty grille
		Transmission
•	•	Automatic transmission derating for exceeded system temperatures
		Diagnostic test ports
		Environmental service drains

• Environmental service drains

655K	755K	Transmission (continued)
		2,000-hour vertical spin-on transmission filter
		Sealed dedicated transmission reservoir and filtration
		system separate from hydraulic system
•	•	Single-lever joystick direction, speed, and steering control
		V-pattern direction and speed control with pedal steering
		Final-drive seal guards (for trash use)
		Hydraulic System
•	•	2-function hydraulics – joystick or dual lever
		3-function hydraulics – joystick or 3 lever
		Rear hydraulics with rear plumbing
•	•	Sealed dedicated hydraulic reservoir and filtration system
		separate from transmission system
•	•	2,000-hour vertical spin-on hydraulic filter
		Mainframe, Access Panels
•	•	Tilt operator station service access
		Integral bottom protection
•	•	Hinged bottom-access covers (bolt-on)
•	•	Vandal protection: Engine access door / Side tank access doors / Fuel tank / Instrument panel / Transmission reservoir / Hydraulic reservoir
٠	٠	Maintenance-free center crossbar pivot
		Loader
٠	٠	Return-to-dig feature
		Bucket-level indicator
•	٠	Bucket float
		Boom height-control feature
		Integrated front tow hook
		Loader boom service lock
		Undercarriage
		Oscillating undercarriage with remote lube bank
		Full-length, smooth-surface track frame covers
	٠	Guides, front and rear, with bolt-on wear strips
		Segmented sprockets
		Double-flange rollers
		Final-drive seal trash guards

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cont.)

Standard 🔺 Optional or special See your John Deere dealer for further information.

Additional equipment (a			
655K 755	5K Undercarriage (continued)		
	5 5		
	sio min (20 mi, closed center double bul grousers		
	560-mm (22 in.) closed-center double-bar grousers		
	 510-mm (20 in.) open-center double-bar grousers with trapezoidal holes 		
	560-mm (22 in.) open-center double-bar grousers with trapezoidal holes		
	Attachments		
	1.9-m³ (2.4 cu. yd.) general-purpose bucket		
	1.6-m³ (2.1 cu. yd.) multipurpose bucket		
▲	2.5-m ³ (3.2 cu. yd.) general-purpose bucket		
	2.0-m ³ (2.6 cu. yd.) multipurpose bucket		
	Bolt-on cutting edges		
	Bolt-on bucket teeth		
	 Bolt-on edge segments and teeth 		
	Bolt-on rear hitch hoop		
	Radial rear ripper, 3 shank		
	 Operator-protection package 		
	Tilt cylinder protection		
	Lift cylinder line protection		
	 Multipurpose bucket cylinder protection 		
	Waste-handler package		
	Limb risers		
	Cab screens		
	Operator's Station / Electrical		
• •	Electronic monitoring system with audible and visual warnings for engine oil temperature, engine oil pressure, hydraulic oil temperature, transmission oil temperature, and transmission charge pressure		
• •	 Built-in diagnostics – Diagnostic-code details, sensor values, calibrations, and individual circuit tester 		

655K	755K	Operator's Station / Electrical (continued)
•	•	Multifunction/multi-language LCD monitor – Analog display (fuel level, coolant temperature, engine oil pressure, and
		voltage) and digital display (engine rpm, charge pressure, hours, diesel particulate filter [DPF] soot level and transmission direction/speed range)
		Retractable seat belt, 76 mm (3 in.) (conforms to SAE J386)
		Convex interior rearview mirror (conforms to SAE J985)
		12-volt power port
		2nd console-mounted power port, 12 volts
		Air conditioner, 24,000 Btu
		Tinted glass
		Dome light
		Heater (roof mount)
		Air-ride fabric seat
		Deluxe heated and leather-bolstered air-ride seat
		Under-seat heater
•	•	Wipers (intermittent plus 2 speeds) and washers — front and rear windows
		AM/FM/Weather-Band (WB) radio and clock
		Rearview camera with dedicated color monitor
		Lockable master electrical disconnect switch
		Keyless start with multiple security modes
		Lights, roof mounted (2) front, rear mounted (2)
٠	٠	Engine compartment light
		Work lights, roof mounted (2 additional front
•	•	JDLink [™] wireless communication system (available in specific countries; see your dealer for details)
		Fast-fuel system
		Fluid-sample ports (engine oil, coolant, and hydraulic and hydrostatic oil)
		Quick-service ports (engine oil, coolant, and hydraulic and hydrostatic oil)
		Polycarbonate front windshield

Polycarbonate front windshield

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DKAKCRLDR Litho in U.S.A. (18-11)