K-SERIES

CRAWLER LOADERS

JOHN DEERE


POWERFUL
FUEL EFFICIENT
SMOOTH OPERATION
TAKE CHARGE.
THE REIMAGINED 655K AND 755K.


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.

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 operator-determined 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

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

AT YOUR COMMAND

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 full-featured 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-a-kind control.

DUAL-PATH
HYDROSTATIC TRANSMISSION

LOADS MORE PRODUCTIVITY

WITHOUT OVERLOADING YOUR OPERATOR

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.

INFINITELY
VARIABLE SPEED RANGE

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 two- or 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.

Do more in tight spaces

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

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 fatigue-beating ergonomics and plenty of limb-stretching 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 leather-bolstered 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 ground-speed ranges, steering modulation, F-N-R shift rate, and forward/reverse speed ratios.

COMFORTABLY QUIET CAB

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 tilt-out grille enable access to both sides of the coolers, for low-effort debris removal.

Innovative Quad-Cool™ system

Quad-Cool places the radiator, air-conditioner 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.

655K SPECIFICATIONS

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 Torque	689 Nm (508 ft.-lb.) at 1,400 rpm		
Aspiration	Turbocharged with charge air cooler		
Air Cleaner	Dual-stage dry tube with tangential unloader		
Cooling			
Fan	Variable-speed suction fan with automatic reversing		
Engine Coolant Rating	–37 deg. C (–34 deg. F)		
Engine Radiator	10.2 fins per inch		
Powertrain			
Transmission	Automatic, dual-path, hydrostatic (HST) drive; load-sensing feature automatically adjusts speed and power to match changing load conditions; each individually controlled track is powered by a variable-displacement piston pump and motor combination; ground-speed selection buttons on single-lever steering and direction control; independently selectable reverse speed ratios of 100% , 115%, or 130% of forward ground speed; 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	Single-lever steering, speed, direction control, and counterrotation; full power turns and infinitely variable track speeds provide unlimited maneuverability and optimum control; HST steering eliminates steering clutches and brakes		
Final Drives	Double-reduction, planetary final drives transfer torque loads over 3 gear sets		
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; automatic power management with manual override for matching ground speed to available engine power		
Service Brakes	HST (dynamic) braking stops the machine whenever the direction-control lever is moved to neutral or whenever the decelerator is depressed to the end of travel		
Type	Hydraulic		
Parking Brakes	Exclusive safety feature engages wet, multiple-disc brakes whenever the engine stops, whenever the decelerator is depressed to the end of travel, or whenever the park-lock lever is placed in the upward position or the transmission-control lever is placed in the neutral position and motion is detected; machine cannot be driven with brake applied, reducing wear-out or need for adjustment; spring-applied, hydraulic release		
Hydraulics			
Type	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	Dual-axis joystick with optional multipurpose bucket function, or 2- or 3-lever stackable		
Cylinders			
Heat-treated, chrome-plated, polished cylinder rods; hardened steel pivot pins with replaceable bushings			
	Bore	*Rod Diameter*	*Stroke*
Lift Cylinders	125 mm (4.9 in.)	70 mm (2.8 in.)	757 mm (29.8 in.)
Bucket-Dump Cylinder	160 mm (6.3 in.)	95 mm (3.7 in.)	493 mm (19.4 in.)

655K SPECIFICATIONS

Electrical	655K
Voltage	24 volts
Number of Batteries (12 volt)	2
Battery Capacity	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	
Tracks	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	1740 mm (68.5 in.)
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	
510-mm (20 in.) Grouser Width	24 622 cm^2 (3,816 sq. in.)
560-mm (22 in.) Grouser Width	27 036 cm^2 (4,191 sq. in.)
Ground Pressure	*General-Purpose Bucket* / *Multipurpose Bucket*
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.)
Oscillation at Front Roller	±35 mm (±1.4 in.)

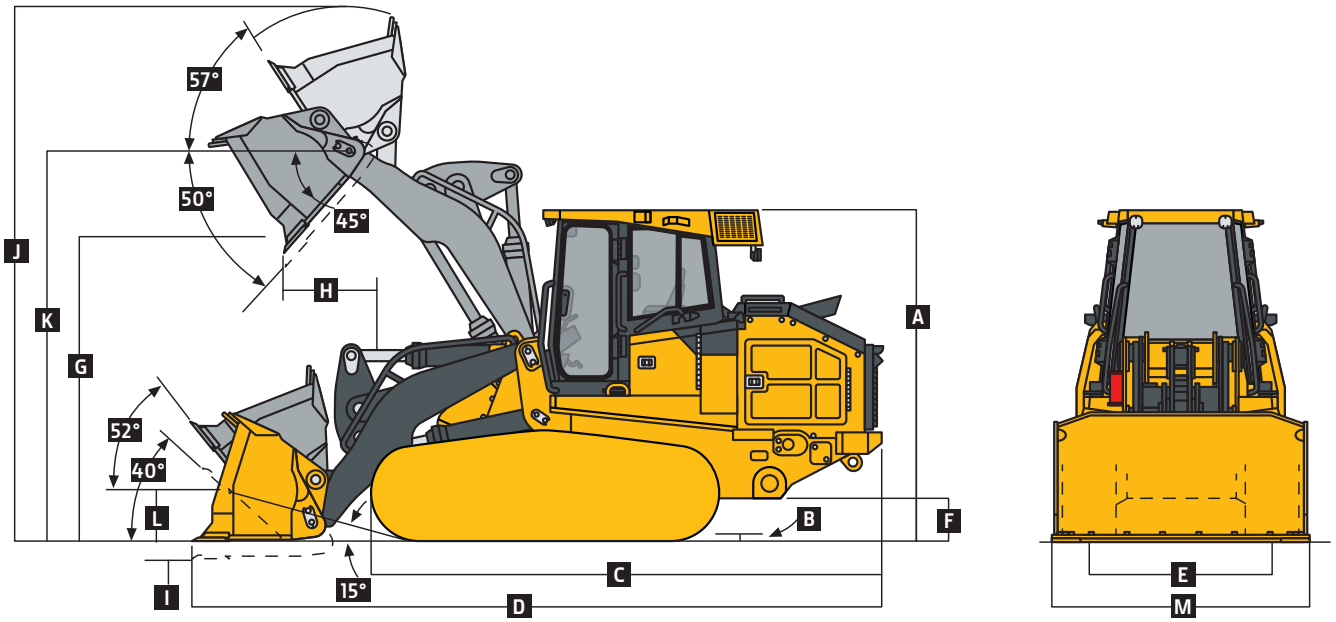
Buckets (with teeth)

	Width	*Capacity Heaped*	*Bucket Weight*	*Breakout Force*	*Static Tipping Load*	*Maximum Clamping Force*
General Purpose	2470 mm (97 in.) (8 ft. 1 in.)	1.9 m^3 (2.4 cu. yd.)	1208 kg (2,665 lb.)	148 kN (33,271 lbf)	12 443 kg (27,432 lb.)	N/A
Multipurpose	2470 mm (97 in.) (8 ft. 1 in.)	1.6 m^3 (2.1 cu. yd.)	1480 kg (3,262 lb.)	148 kN (33,271 lbf)	12 184 kg (26,861 lb.)	8514 kg (18,731 lbf)

Operator Station	
ROPS (ISO 3471 – 2008)	
Serviceability	
Refill 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.)
Outer Planetary (each)	15.6 L (4.1 gal.)

655K

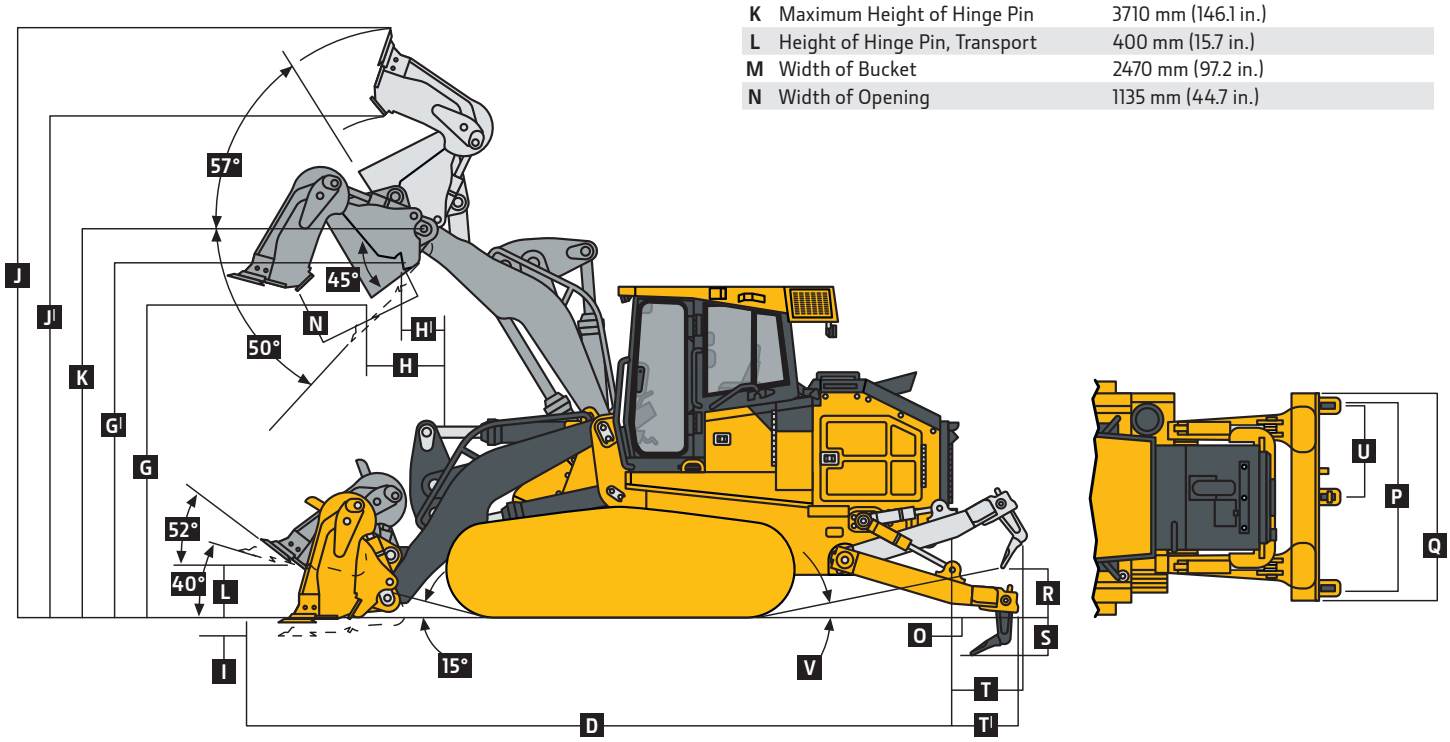
Operating Weights	655K
With standard equipment, cab with pressurizer and heater/air conditioner, general-purpose bucket with bolt-on teeth and edge segments, full fuel tank, and 79-kg (175 lb.) operator	
Base Weight	18 422 kg (40,614 lb.)
Optional Components	
Cab with Pressurizer and Heater/ Air Conditioner	In base
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-purpose Bucket	50 kg (110 lb.)
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 height)	395 mm (15.6 in.)



655K CRAWLER LOADER WITH GENERAL-PURPOSE BUCKET

Machine Dimensions *(continued)*	655K
Bucket Type	*General-Purpose Bucket*
G Dumping Height at 45 deg.	2665 mm (105 in.)
H Reach at 45 deg.	1036 mm (41 in.)
I Maximum Digging Depth Below Grade	152 mm (6 in.)
J Maximum Operating Height	4920 mm (193.7 in.)
K Maximum Height of Hinge Pin	3710 mm (146.1 in.)
L Height of Hinge Pin, Transport	400 mm (15.7 in.)
M Width of Bucket	2470 mm (97 in.)

Machine Dimensions *(continued)*	655K
Bucket Type	*Multipurpose Bucket*
G Dumping Height at 45 deg. (bucket)	2700 mm (106.3 in.)
G^{I} Dumping Height at 45 deg. (blade)	3325 mm (130.9 in.)
H Reach at 45 deg. (bucket)	930 mm (36.6 in.)
H^{I} Reach at 45 deg. (blade)	380 mm (15 in.)
I Maximum Digging Depth Below Grade	205 mm (8.1 in.)
J Maximum Operating Height (open)	5700 mm (224.4 in.)
J^{I} Maximum Operating Height (closed)	4920 mm (193.7 in.)
K Maximum Height of Hinge Pin	3710 mm (146.1 in.)
L Height of Hinge Pin, Transport	400 mm (15.7 in.)
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 ESCO 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^{I} Additional Overall Length, Lowered	685 mm (27 in.)
U Distance Between Teeth	870 mm (34.3 in.)
V Approach Angle, Ripper Raised	15 deg.

755K SPECIFICATIONS

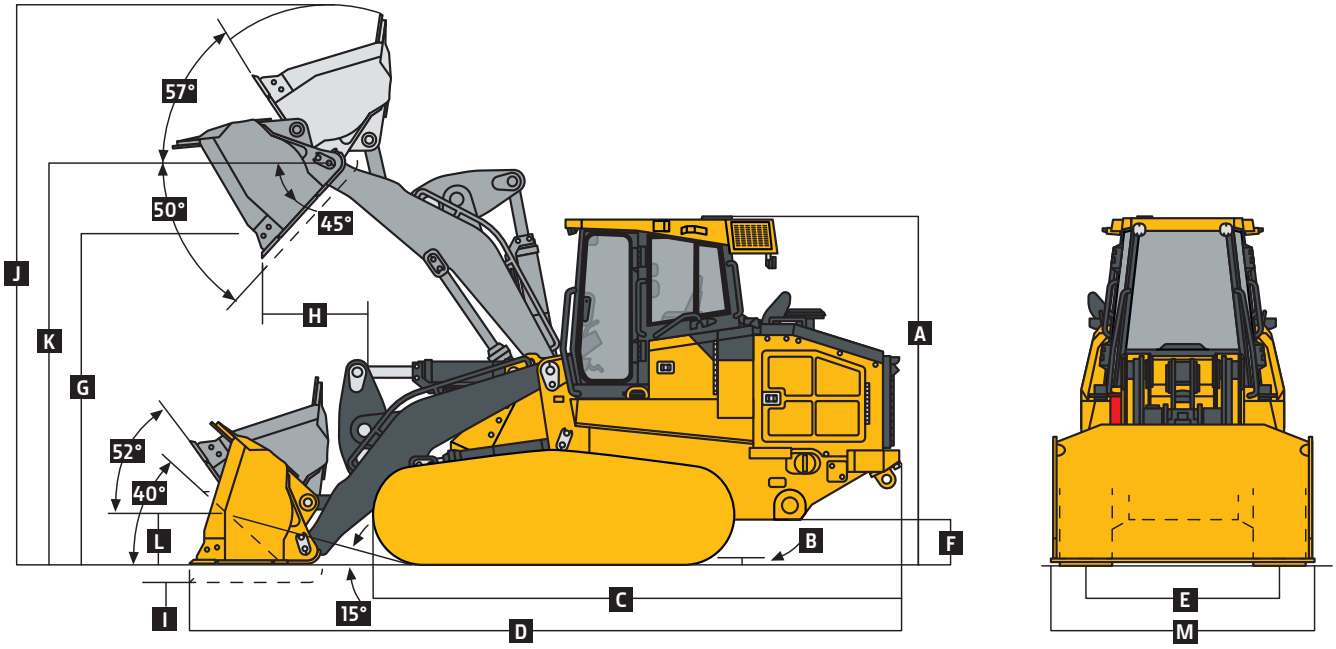
Engine	755K		
Manufacturer and Model	John Deere PowerTech™ PVS 6068		
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV		
Displacement	6.8 L (414 cu. in.)		
SAE Net Rated Power	145 kW (194 hp) at 1,800 rpm		
Net Peak Torque	942 Nm (695 ft.-lb.) at 1,400 rpm		
Aspiration	Turbocharged with charge air cooler		
Air Cleaner	Dual-stage dry tube with tangential unloader		
Cooling			
Fan	Variable-speed suction fan with automatic reversing		
Engine Coolant Rating	–37 deg. C (–34 deg. F)		
Engine Radiator	10.2 fins per inch		
Powertrain			
Transmission	Automatic, dual-path, hydrostatic (HST) drive; load-sensing feature automatically adjusts speed and power to match changing load conditions; each individually controlled track is powered by a variable-displacement piston pump and motor combination; ground-speed selection buttons on single-lever steering and direction control; independently selectable reverse speed ratios of 100% , 115%, or 130% of forward ground speed; 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	Single-lever steering, speed, direction control, and counterrotation; full power turns and infinitely variable track speeds provide unlimited maneuverability and optimum control; HST steering eliminates steering clutches and brakes		
Final Drives	Double-reduction, planetary final drives transfer torque loads over 3 gear 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; automatic power management with manual override for matching ground speed to available engine power		
Service Brakes	HST (dynamic) braking stops the machine whenever the direction-control lever is moved to neutral or whenever the decelerator is depressed to the end of travel		
Type	Hydraulic		
Parking Brakes	Exclusive safety feature engages wet, multiple-disc brakes whenever the engine stops, whenever the decelerator is depressed to the end of travel, or whenever the park-lock lever is placed in the upward position or the transmission-control lever is placed in the neutral position and motion is detected; machine cannot be driven with brake applied, reducing wear-out or need for adjustment; spring-applied, hydraulic release		
Hydraulics			
Type	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 optional multipurpose bucket function, or 2- or 3-lever stackable		
Cylinders			
Heat-treated, chrome-plated, polished cylinder rods; hardened steel pivot pins with replaceable bushings			
	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.)

755K SPECIFICATIONS

Electrical	755K					
Voltage	24 volts					
Number of Batteries (12 volt)	2					
Battery Capacity	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						
Tracks	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	1880 mm (74 in.)					
Grouser Width	560 mm (22 in.)					
Chain	Sealed and lubricated					
Shoes, Each Side	38					
Track Rollers, Each Side	6					
Track Length on Ground	2588 mm (102 in.)					
Ground Contact Area						
510-mm (20 in.) Grouser Width	26 294 cm^2 (4,076 sq. in.)					
560-mm (22 in.) Grouser Width	28 985 cm^2 (4,493 sq. in.)					
Ground Pressure	*General-Purpose Bucket*		*Multipurpose Bucket*			
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	203 mm (8 in.)					
Oscillation at Front Roller	±35 mm (±1.4 in.)					
Buckets (with teeth)						
	Width	*Capacity Heaped*	*Bucket Weight*	*Breakout Force*	*Static Tipping Load*	*Maximum Clamping Force*
General Purpose	2591 mm (130 in.) (8 ft. 6 in.)	2.5 m^3 (3.2 cu. yd.)	1544 kg (3,404 lb.)	197 kN (44,287 lbf)	15 362 kg (33,867 lb.)	N/A
Multipurpose	2591 mm (130 in.) (8 ft. 6 in.)	2.0 m^3 (2.6 cu. yd.)	1830 kg (4,035 lb.)	197 kN (44,287 lbf)	14 901 kg (32,851 lb.)	11 110 kg (24,493 lbf)
Operator Station						
ROPS (ISO 3471 – 2008)						
Serviceability						
Refill Capacities						
Fuel Tank with Lockable Cap	326 L (86.0 gal.)					
Cooling System with Recovery Tank	32 L (8.5 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	103.0 L (27.2 gal.)					
Diesel Exhaust Fluid (DEF) Reservoir	8.5 L (2.2 gal.)					
Final Drive						
Inner Final Drive (each)	8.0 L (2.1 gal.)					
Outer Planetary (each)	15.6 L (4.1 gal.)					

755K

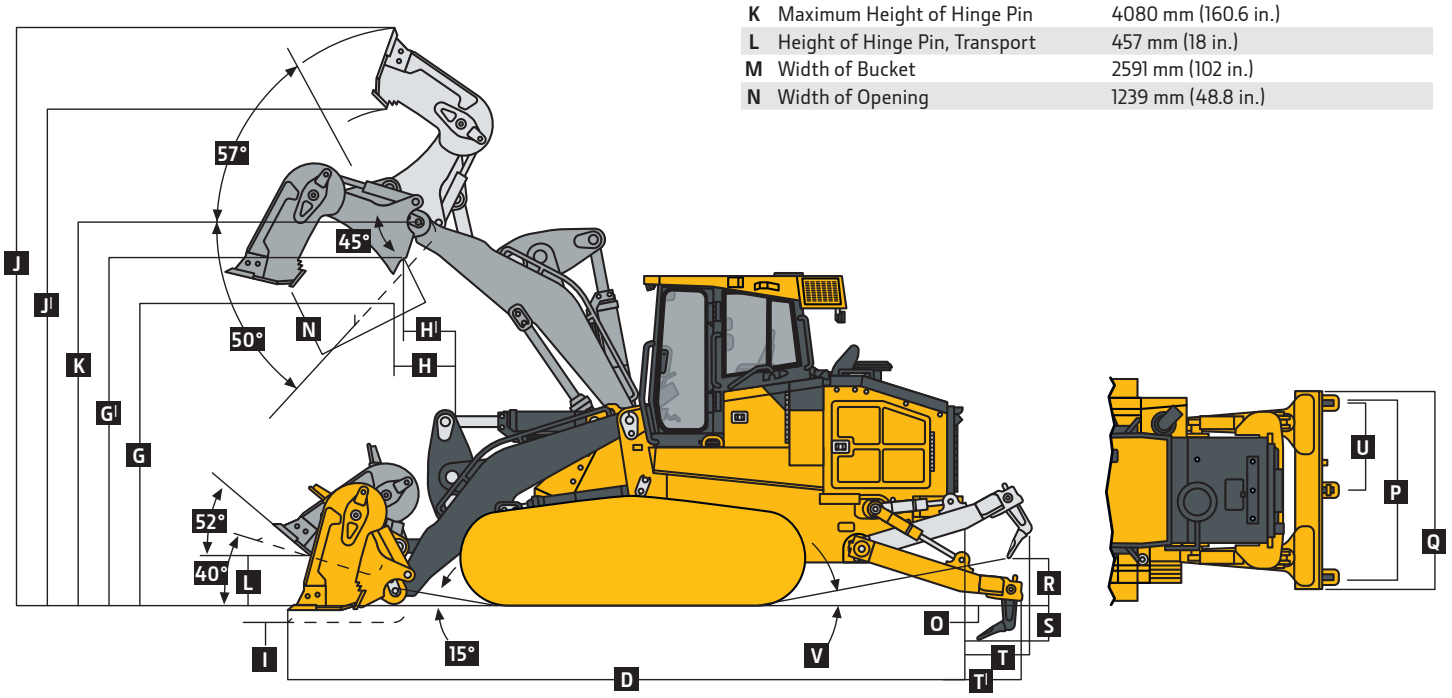
Operating Weights	755K
With standard equipment, cab with pressurizer and heater/air conditioner, general-purpose bucket with bolt-on teeth and edge segments, full fuel tank, and 79-kg (175 lb.) operator	
Base Weight	20 492 kg (45,178 lb.)
Optional Components	
Cab with Pressurizer and Heater/ Air Conditioner	In base
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-purpose Bucket	50 kg (110 lb.)
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 height)	432 mm (17 in.)



755K CRAWLER LOADER WITH GENERAL-PURPOSE BUCKET

Machine Dimensions *(continued)*	755K
Bucket Type	*General-Purpose Bucket*
G Dumping Height at 45 deg.	2950 mm (116 in.)
H Reach at 45 deg.	1100 mm (43 in.)
I Maximum Digging Depth Below Grade	167 mm (6.6 in.)
J Maximum Operating Height	5592 mm (220 in.)
K Maximum Height of Hinge Pin	4080 mm (160.6 in.)
L Height of Hinge Pin, Transport	457 mm (18 in.)
M Width of Bucket	2591 mm (102 in.)

Machine Dimensions *(continued)*	755K
Bucket Type	*Multipurpose Bucket*
G Dumping Height at 45 deg. (bucket)	2959 mm (116.5 in.)
G^{I} Dumping Height at 45 deg. (blade)	3662 mm (144 in.)
H Reach at 45 deg. (bucket)	1009 mm (39.7 in.)
H^{I} Reach at 45 deg. (blade)	406 mm (16 in.)
I Maximum Digging Depth Below Grade	226 mm (8.9 in.)
J Maximum Operating Height (open)	5447 mm (215.5 in.)
J^{I} Maximum Operating Height (closed)	6223 mm (245 in.)
K Maximum Height of Hinge Pin	4080 mm (160.6 in.)
L Height of Hinge Pin, Transport	457 mm (18 in.)
M Width of Bucket	2591 mm (102 in.)
N Width of Opening	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.)
O 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^{I} 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
●	●	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
●	●	Tilt-out bar-type grille
●	●	Extreme-duty grille
		Transmission
●	●	Automatic transmission derating for exceeded system temperatures
●	●	Diagnostic test ports
●	●	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
●	●	Maintenance-free center crossbar pivot
		Loader
●	●	Return-to-dig feature
●	●	Bucket-level indicator
●	●	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
●	●	Guides, front and rear, with bolt-on wear strips
●	●	Segmented sprockets
●	●	Double-flange rollers
▲	▲	Final-drive seal trash guards

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Additional equipment *(cont.)*

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

655K	755K	Undercarriage *(continued)*
▲	▲	Extended-life undercarriage with SC-2™ bushings
●	●	Heavy-duty sealed and lubricated undercarriage
▲	▲	Full-length rock guards
●	▲	510-mm (20 in.) closed-center double-bar 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-m^3 (2.4 cu. yd.) general-purpose bucket
▲		1.6-m^3 (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)
●	●	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

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