

605K Crawler Loader

83 kW (110 hp)



JOHN DEERE

FEATURES

John Deere PowerTech™ PWX 4.5L engine meets EPA Interim Tier 4 (IT4)/EU Stage IIIB emission standards.

Exclusive Quad-Cool™ with hydraulically driven fan decreases fuel consumption, noise levels, and debris intake.

Exclusive sealed-switch module gives fingertip control of productivity-enhancing features such as boom-height kick-out and return-to-dig.

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

Operator station tilts a full 53 degrees in minutes, for wide-open component-service access.



Engine	605K
Manufacturer / Model	John Deere PowerTech™ PWX 4045
Non-Road Emission Standard	EPA Interim Tier 4/EU Stage IIIB
Net Power at Rated rpm	83 kW (110 hp) at 2,200 rpm
Number of Cylinders / Displacement	4 cylinders / 4.5L (276 cu. in.)
Maximum Torque	474 Nm (350 ft.-lb.) at 1,400 rpm
Electrical Volts / Alternator Amps	24 volts / 100 amp
Transmission	
Type	Hydrostatic
Speed Ranges	Infinite
Maximum Speed, Forward and Reverse	8.9 km/h (5.5 mph)
Steering/Brakes	
Type	Dual-path hydrostatic w/ counterrotation
Brakes	Hydrostatic drive
Hydraulic System	
Pump	
Type	Load sense, piston pump
Flow	135 L/m (36 gpm)
System Pressure	22 063 kPa (3,200 psi)

Undercarriage	605K
Track Gauge	1600 mm (62 in.)
Length of Track on Ground	2164 mm (85 in.)
Standard Grouser	508 mm (20 in.)
Ground Contact Area	21 986 cm ² (3408 sq. in.)
Ground Pressure	54.5 kPa (7.9 psi)
Number of Track Rollers	6
Optional Grouser Widths	460 mm (18 in.) / 560 mm (22 in.)
Track Shoes, Each Side	38

Operating Weight

With standard equipment, cab with pressurizer and heater/air conditioner, full fuel tank, and 79-kg (175 lb.) operator

Base Weight	12 220 kg (26,940 lb.)
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Loader

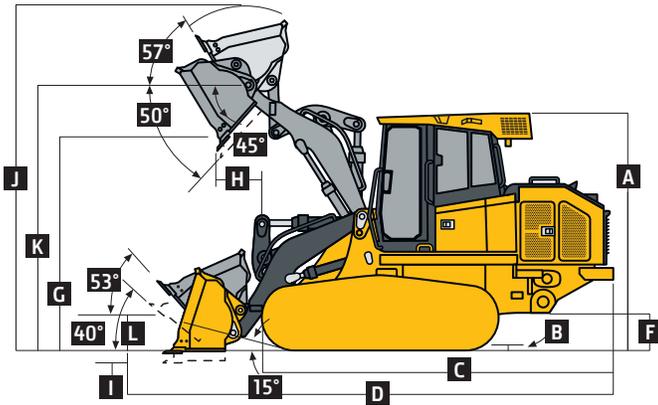
SAE Heaped Capacity	
Standard Bucket	1.3 m ³ (1.7 cu. yd.)
Multipurpose Bucket	1.0 m ³ (1.3 cu. yd.)
Breakout Force	107 kN (24 054 lbf)

Machine Dimensions

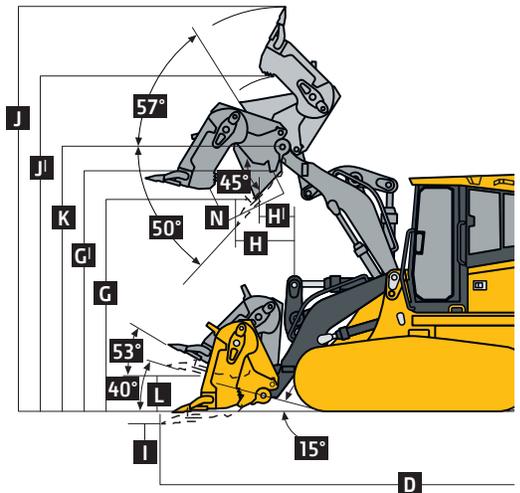
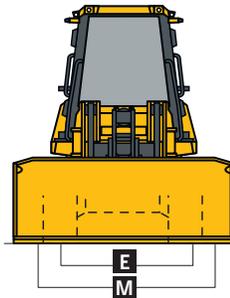
Bucket Type	Standard General-Purpose Bucket with Bolt-On Teeth and Edge Segments (in SAE base operating weight)
A Overall Height	2985 mm (9 ft. 10 in.)
B Tread Depth with Double-Bar Grouser	37 mm (1.5 in.)
C Length to Front of Track	4355 mm (14 ft. 3 in.)
D Overall Length	6140 mm (20 ft. 1.7 in.)
E Track Gauge	1600 mm (5 ft. 3 in.)
F Ground Clearance (excludes grouser height)	320 mm (12.6 in.)
G Dumping Height at 45 deg.	2640 mm (8 ft. 8 in.)
H Reach at 45 deg.	1135 mm (3 ft. 8.7 in.)
I Maximum Digging Depth Below Grade	130 mm (5.1 in.)
J Maximum Operating Height	4450 mm (14 ft. 7.2 in.)
K Maximum Height at Hinge Pin	3450 mm (11 ft. 3.8 in.)
L Height at Hinge Pin, Transport	380 mm (15 in.)
M Width of Bucket (with teeth)	2290 mm (7 ft. 6 in.)

Machine Dimensions (continued)

Bucket Type	Multipurpose Bucket with Bolt-On Teeth
A Overall Height	2985 mm (9 ft. 10 in.)
B Tread Depth with Double-Bar Grouser	37 mm (1.5 in.)
C Length to Front of Track	4355 mm (14 ft. 3 in.)
D Overall Length	6120 mm (20 ft. 1 in.)
E Track Gauge	1600 mm (5 ft. 3 in.)
F Ground Clearance (excludes grouser height)	320 mm (12.6 in.)
G Dumping Height at 45 deg., Bucket	2770 mm (9 ft. 1.1 in.)
G ^I Dumping Height at 45 deg., Blade	3100 mm (10 ft. 2 in.)
H Reach at 45 deg., Bucket	1030 mm (40.6 in.)
H ^I Reach at 45 deg., Blade	560 mm (22 in.)
I Maximum Digging Depth Below Grade	155 mm (6.1 in.)
J Maximum Operating Height, Bucket Open	5100 mm (16 ft. 8.8 in.)
J ^I Maximum Operating Height, Bucket Closed	4450 mm (14 ft. 7.2 in.)
K Maximum Height at Hinge Pin	3450 mm (11 ft. 3.8 in.)
L Height at Hinge Pin, Transport	380 mm (15 in.)
M Width of Bucket (with teeth)	2290 mm (7 ft. 6.2 in.)
N Width of Opening	950 mm (3 ft. 1.4 in.)



605K CRAWLER LOADER WITH STANDARD BUCKET



605K CRAWLER LOADER WITH MULTIPURPOSE BUCKET

