

Product Specifications For 914



Weights

Operating Weight	19103 lb
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Buckets

Bucket Capacities	1.3-3.5 m ³ (1.7-4.6 yd ³)
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Bucket Capacities - General Purpose	1.3-1.9 m ³ (1.7-2.5 yd ³)
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Bucket Capacities - Light Material	2.5-3.5 m ³ (3.3-4.6 yd ³)
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Engine

Maximum Gross Power	110 hp
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Rated Net Power - Rated Engine Speed	2200 r/min
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Maximum Gross Power - Rated Engine Speed	1800 r/min
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Rated Net Power - SAE J1349	99 hp
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Maximum Gross Power - ISO 14396 (metric)	112 hp
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Rated Net Power - ISO 9249	98 hp
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Maximum Gross Torque - SAE J1995	335 ft·lbf
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Maximum Gross Torque - ISO 14396	332 ft·lbf
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Maximum Net Torque - SAE J1349	329 ft·lbf
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Maximum Net Torque - ISO 9249	327 ft·lbf
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Displacement	220 in ³
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Bore	3.85 in
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Stroke	4.72 in
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Engine Model	Cat C3.6
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Emissions	Engine meets Tier 4 Final/Stage V emission standards.
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Note	Net power advertised is the power available at the flywheel plus front drive implement pump when the engine is equipped with fan, air cleaner, muffler and alternator.
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Maximum Gross Power - ISO 14396	110 hp
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Sustainability

Recyclability	95%
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Cab

ROPS	ISO 3471:2008
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FOPS	ISO 3449:2005
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Note (4)	*The measurements were conducted with the cab doors and windows closed.
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Note (2)	The declared dynamic operator sound pressure levels per ISO 6396:2008*, when the cab is properly installed and maintained, is 77 dB(A).
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Note (3)	The labelled sound power level for the CE marked configurations when measured according to the test procedure and conditions specified in 2000/14/EC (as amended by 2005/88/EC) is 103 dB(A).
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Note (1)	Cab and Rollover Protective Structures (ROPS) are standard in North America and Europe.
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Service Refill Capacities

Cooling System	5.7 gal (US)
Fuel Tank	43.6 gal (US)
Note	DEF used in Cat SCR systems must meet the requirements outlined in the International Organization for Standardization (ISO) standard 22241-1.
Axles - Rear Center Differential	2 gal (US)
Hydraulic System - Including Tank	25.9 gal (US)
Diesel Exhaust Fluid (DEF) Tank	4.8 gal (US)
Engine Crankcase	2.6 gal (US)
Hydraulic Tank	14.5 gal (US)
Transmission	0.8 gal (US)
Axles - Front Center Differential	2 gal (US)

Steering

Maximum Flow - Steering Pump	22 gal/min
Number of Steering Wheel Turns - Full Left to Full Right or Full Right to Full Left	3.75 turns
Steering Cycle Times - Full Left to Full Right - At 2,350 rpm: 90 rpm Steering Wheel Speed	2.8 s
Maximum Working Pressure - Steering Pump	3263 psi
Steering Articulation Angle - Each Direction	40 °

Loader Hydraulic System

Relief Pressure - Tilt Cylinder - 3rd Function Maximum Working Pressure	3046 psi
Maximum Flow - Implement Pump	39 gal/min
Maximum Flow - Implement Pump - 3rd Function, Maximum Flow, Standard	24 gal/min
Relief Pressure - Tilt Cylinder - 4th Function Maximum Working Pressure	3046 psi
Hydraulic Cycle Time - Total Cycle Time	12.5 s
Hydraulic Cycle Time - Raise, Ground Level to Maximum Lift	5.2 s
Maximum Flow - Implement Pump - 4th Function, Maximum Flow	24 gal/min
Hydraulic Cycle Time - Dump, at Maximum Reach	1.4 s
Relief Pressure - Tilt Cylinder	4931 psi
Maximum Flow - Implement Pump - 3rd Function, Maximum Flow, High	32 gal/min
Maximum Working Pressure - Implement Pump	4061 psi
Hydraulic Cycle Time - Rackback	2.2 s
Hydraulic Cycle Time - Float Down, Maximum Lift to Ground Level	3.7 s

Transmission

Note	*Creeper Control allows speed control from a stand still up to 10 km/h (6.3 mph). The Creeper Control will only work in Range 1.
Forward and Reverse - Speed Range 3	25 mile/h
Forward and Reverse - Speed Range 1*	6.3 mile/h

Forward and Reverse - Speed Range 2*	12.5 mile/h
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Tires

Other Choices Include	17.5 R25 L3 XHA2; 17.5-25 L2/L3 SGL; 17.5-25 L3 HRL D/L-3A; 17.5 R25 L2 Snow; 17.5 R25 Solid
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Note (1)	Other tire choices are available. Contact your Cat dealer for details.
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Standard Size	17.5 R25 L2 XTLA
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Note (3)	Caterpillar recommends that you consult a tire supplier to evaluate all conditions before selecting a tire model.
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Note (2)	In certain applications, the loader's productive capabilities may exceed the tire's tonnes-km/h (ton-mph) capabilities.
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Axles

Rear	Oscillating ± 11 degrees; Locking differential (Standard)
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Front	Fixed; Locking differential (standard)
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