

Product Specifications For 914



Weights

Operating Weight	8668 kg
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Buckets

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

Engine

Maximum Gross Power	82 kW
Rated Net Power - Rated Engine Speed	2200 r/min
Maximum Gross Power - Rated Engine Speed	1800 r/min
Rated Net Power - SAE J1349	74 kW
Maximum Gross Power - ISO 14396 (metric)	112 hp
Rated Net Power - ISO 9249	73 kW
Maximum Gross Torque - SAE J1995	454 N·m
Maximum Gross Torque - ISO 14396	450 N·m
Maximum Net Torque - SAE J1349	446 N·m

Maximum Net Torque - ISO 9249	443 N·m
Displacement	3.6 l
Bore	98 mm
Stroke	120 mm
Engine Model	Cat C3.6
Emissions	Engine meets Tier 4 Final/Stage V emission standards.
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.
Maximum Gross Power - ISO 14396	82 kW

Sustainability

Recyclability	95%
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Cab

ROPS	ISO 3471:2008
FOPS	ISO 3449:2005
Note (4)	*The measurements were conducted with the cab doors and windows closed.
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).
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).
Note (1)	Cab and Rollover Protective Structures (ROPS) are standard in North America and Europe.

Service Refill Capacities

Cooling System	21.5 l
Fuel Tank	165 l
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	7.5 l
Hydraulic System - Including Tank	98 l
Diesel Exhaust Fluid (DEF) Tank	18 l
Engine Crankcase	10 l
Hydraulic Tank	55 l
Transmission	3.2 l
Axles - Front Center Differential	7.5 l

Steering

Maximum Flow - Steering Pump	82 L/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	22500 kPa
Steering Articulation Angle - Each Direction	40 °

Loader Hydraulic System

Relief Pressure - Tilt Cylinder - 3rd Function Maximum Working Pressure	21000 kPa
Maximum Flow - Implement Pump	148 L/min
Maximum Flow - Implement Pump - 3rd Function, Maximum Flow, Standard	90 L/min
Relief Pressure - Tilt Cylinder - 4th Function Maximum Working Pressure	21000 kPa
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	90 L/min
Hydraulic Cycle Time - Dump, at Maximum Reach	1.4 s
Relief Pressure - Tilt Cylinder	34000 kPa
Maximum Flow - Implement Pump - 3rd Function, Maximum Flow, High	120 L/min
Maximum Working Pressure - Implement Pump	28000 kPa
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	40 km/h
Forward and Reverse - Speed Range 1*	10 km/h

Forward and Reverse - Speed Range 2*	20 km/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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