

PRODUCT SPECIFICATIONS FOR 910



ENGINE

Maximum Gross Power	110 HP
Rated Net Power - Rated Engine Speed	2200 r/min
Maximum Gross Power - Rated Engine Speed	1800 r/min
Rated Net Power - SAE J1349	99 HP
Maximum Gross Power - ISO 14396 (metric)	112 HP
Rated Net Power - ISO 9249	98 HP
Maximum Gross Torque - SAE J1995	335 ft·lbf
Maximum Gross Torque - ISO 14396	332 ft·lbf
Maximum Net Torque - SAE J1349	329 ft·lbf
Maximum Net Torque - ISO 9249	327 ft·lbf
Displacement	220 in ³
Bore	3.85 in
Stroke	4.72 in
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 110 HP

BUCKETS

Bucket Capacities 1.3-3.5 m³ (1.7-4.6 yd³)

Bucket Capacities - General Purpose 1.3-1.9 m³ (1.7-2.5 yd³)

Bucket Capacities - Light Material 2.5-3.5 m³ (3.3-4.6 yd³)

WEIGHTS

Operating Weight 18102 lb

STEERING

Maximum Working Pressure - Steering Pump 2683 psi

Steering Articulation Angle - Each Direction 40 °

Steering Cycle Times - Full Left to Full Right - At 2,350 rpm: 90 rpm Steering Wheel Speed 3.2 s

Maximum Flow - Steering Pump 17 gal/min

Number of Steering Wheel Turns - Full Left to Full Right or Full Right to Full Left 3.75 turns

LOADER HYDRAULIC SYSTEM

Hydraulic Cycle Time - Dump, at Maximum Reach 1.4 s

Hydraulic Cycle Time - Total Cycle Time 12.5 s

Maximum Working Pressure- ImplementPump	3408 psi
ReliefPressure- Tilt Cylinder	4931 psi
Hydraulic Cycle Time - Rackback	2.2 s
ReliefPressure- Tilt Cylinder - 3rd FunctionMaximum Working Pressure	3046 psi
Hydraulic Cycle Time - Raise, Ground Levelto Maximum Lift	5.2 s
Maximum Flow - ImplementPump	32 gal/min
ReliefPressure- Tilt Cylinder - 4th FunctionMaximum Working Pressure	3046 psi
Maximum Flow - ImplementPump - 4th Function,Maximum Flow	24 gal/min
Maximum Flow - ImplementPump - 3rd Function,Maximum Flow	24 gal/min
Hydraulic Cycle Time - Float Down, Maximum Lift to Ground Level	3.7 s

SERVICE REFILL CAPACITIES

Cooling System	5.7 gal (US)
Fuel Tank	43.6 gal (US)
Hydraulic System - Including Tank	25.9 gal (US)
Hydraulic Tank	14.5 gal (US)
Transmission	0.8 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 - FrontCenter Differential	2 gal (US)

Axles - Rear Center Differential	2 gal (US)
---	------------

Engine Crankcase	2.6 gal (US)
-------------------------	--------------

Diesel Exhaust Fluid (DEF) Tank	4.8 gal (US)
--	--------------

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 2*	12.5 mile/h
---	-------------

Forward and Reverse-Speed Range 1*	6.3 mile/h
---	------------

TIRES

Note (2)	In certain applications, the loader's productive capabilities may exceed the tire's tonnes-km/h (ton-mph) capabilities.
-----------------	---

Standard Size	15.5 R25 L2 XTLA
----------------------	------------------

Other Choices Include	17.5 R25 L2 XTLA; 15.5 R25 L3 XHA2; 17.5 R25 L3 XHA2; 17.5-25 L2/L3 SGL; 17.5-25 L3 HRL D/L-3A; 17.5 R25 L2 Snow
------------------------------	--

Note (3)	Caterpillar recommends that you consult a tire supplier to evaluate all conditions before selecting a tire model.
-----------------	---

Note (1)	Other tire choices are available. Contact your Cat dealer for details.
-----------------	--

CAB

ROPS	ISO 3471:2008
-------------	---------------

FOPS	ISO 3449:2005
-------------	---------------

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.
-----------------	---

Note (4)	*The measurements were conducted with the cab doors and windows closed.
-----------------	---

AXLES

Front	Fixed; Locking differential (standard)
--------------	--

Rear	Oscillating ± 11 degrees; Locking differential (Standard)
-------------	---

SUSTAINABILITY

Recyclability	95%
----------------------	-----