


## Machines

- » Articulated Trucks
- » Backhoe Loaders
- » Cold Planers
- » Compactors
- » Hydraulic Excavators
- » Motor Graders
- » Multi Terrain Loaders
- » Off Highway Trucks
- » Paving Equipment
- » Pipelayers
- » Road Reclaimers
- » Skid Steer Loaders
- » Telehandlers
- » Track Loaders
- » Track-Type Tractors
- » **Wheel Loaders**

## ▶ 908 WHEEL LOADERS

--- Select a Model --- 

Overview &  
Specifications

Benefits & Features

### 908 OVERVIEW & SPECIFICATIONS

[Print Version](#) 



## 908

Built for tough work. The Compact Wheel Loader is built to the same high standards as the larger Caterpillar wheel loaders. This machine delivers Cat reliability, durability and efficient operation, even in the toughest working conditions.

 [View larger image](#)

#### NEXT STEPS

Use the resources below to help you make the right decision.

- [Find Your Dealer](#)
- [Financing](#)
- [Rentals](#)
- [Insurance](#)
- [Training](#)
- [Maintenance & Support](#)

#### RELATED INDUSTRIES

### 908 DETAILED SPECIFICATIONS

#### Engine

Net power @ 2600 rpm	78 hp / 57 kW
Gross Power @ 2600 rpm	84 hp / 63 kW
ISO 9249 Rating	78 hp / 57 kW
EEC 80/1269 Rating	78 hp / 57 kW
SAE J1349 Rating	78 hp / 57 kW
Model	hp / kW

#### Operating Specifications

Rated Bucket Capacity	1.3 yd <sup>3</sup> / 1 m <sup>3</sup>
Rated operating load @ full turn, forks	5291 lb / 2405 kg
Breakout force	13710 lb / 61 kN
Full turn static tipping load, buckets	8270 lb / 3760 kg
Full turn static tipping load, forks	6860 lb / 3120 kg
Straight tipping load, bucket	9636 lb / 4380 kg
Hydraulic Lift Capacity	9900 lb / 44 kg
Rackback, transport position	56 Degrees / 56 Degrees
Rated operating load @ full turn, bucket	4136 lb / 1880 kg
Dump height @ Full Lift	10.4 ft / 2637 mm
Reach w/o teeth	2.75 ft / 830 mm
Articulation	40 Degrees / 40 Degrees
Oscillation +/-	11 Degrees / 11 Degrees

#### Engine Dimensions

Bore	3.7 in / 94 mm
Stroke	4.72 in / 120 mm

#### Dimensions

Hinge pin height	11.1 ft / 3385 mm
Machine Width	6.5 ft / 1960 mm
Tread width	5.2 ft / 1575 mm
Machine height	9.1 ft / 2770 mm
Wheel base	7.3 ft / 2200 mm

### Cab

ROPS	meets the following criteria: SAE J1040 MAY94, ISO 3471-1:1986
FOPS	meets the following criteria: SAE J231 JAN81, ISO 3449:1992
Sound	Sound level is below 75 dB(A)

### Power Train, Axles and Brakes

Transmission type	Closed-loop, two-speed hydrostatic single-path transmission.
Max travel speeds with 12.5-18 tires, forward and reverse, low	4 mph / 7 kph
Max travel speeds, forward and reverse, high	12 mph / 20 kph
Axle and final drives	fixed front axle with limited slip differential and planetary ge
Service and parking brake	Are combined in a single, dry-disc driveline brake
Brake standards	Brake meets ISO 3450:1996

### Hydraulic System

Pressure Flow @2600 rpm and 70 bar (1000 psi)	15.9 gal/min / 60 L/min
3rd valve flow	21.6 gal/min / 83 L/min
Main relief	3400 psi / 235 bar
Hydraulic cycle time - lift	4.5
Hydraulic cycle time - dump	2.4
Hydraulic cycle time - lower, float	3.2

### Max Material Densities

General Purpose bucket - 0.6 m3 (0.8 yd3)	3760 lb/yd3 / 1880 kg/m3
Multi Purpose bucket - 0.6 m3 (0.8 yd3)	3300 lb/yd3 / 2000 kg/m3
Light Material bucket 1.0 m3 (1.3 yd)	1675 lb/yd3 / 1195 kg/m3
High Dump bucket - 0.7 m3 (0.8 yd3)	3230 lb/yd3 / 1960 kg/m3
Stone Sieve Bucket - 0.6 m3 (0.8 yd3)	3380 lb/yd3 / 2050 kg/m3
Side Dump Bucket	3105 lb/yd3 / 1880 kg/m3

### Service Refill Capacities

Cooling System	5.8 gal / 22 L
Fuel tank	21 gal / 80 L
Hydraulic system	17 gal / 66 L
Engine Oil	2.6 gal / 10 L

