



<b>Engine</b>	Cummins X12
<b>Rated Power</b>	261 kW (350 hp / 355 ps) @ 2,100 rpm
<b>Operating Weight</b>	31,750 kg (69,997 lbs)
<b>Standard Bucket Size</b>	5.4 m <sup>3</sup> (7.1 yd <sup>3</sup> )
<b>Standard Breakout Force</b>	270 kN
<b>Standard Dump Clearance</b>	3,332 mm (10'11")

# 890T WHEEL LOADER

# 890T SPECIFICATIONS >>>

## ENGINE

Emission Regulation	EU Stage V
Manufacturer	Cummins
Model	X12
Rated Power	261 kW (350 hp / 355 ps) @ 2,100 rpm
Peak Torque	1,862 N·m (1,373 lbf·ft) @ 1,400 rpm
Displacement	11.8 L (3.1 gal)
Number of Cylinder	6
Aspiration	Turbocharged & Air-to-air intercooled

## TRANSMISSION

Transmission Type	Countershaft, power shift
Torque Converter	Single stage, three elements
Maximum Travel Speed, fwd	41.9 km/h (26 mph)
Maximum Travel Speed, rev	27.3 km/h (17 mph)
Number of Speed, fwd	5
Number of Speed, rev	3

## AXLES

Differential Front Type	100% differential lock
Differential Rear Type	Conventional
Axle Oscillation	±11°

## STEERING

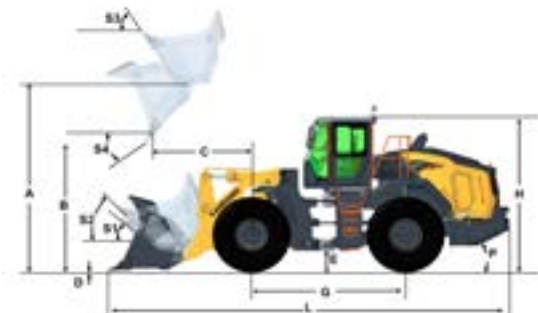
Steering Hydraulic System	Load sensing hydraulic steering
Steering Relief Pressure	25 MPa (3,626 psi)

## BRAKES

Service Brake Type	Wet disc brake
Service Brake Actuation	Full hydraulic
Parking Brake Type	Caliper discs brake
Parking Brake Actuation	Electro-hydraulic release

## HYDRAULIC SYSTEM

Main Pump Type	Piston
Main Relief Pressure	31.5 MPa (4,569 psi)
Raise	6 s
Dump Time	1.6 s
Float Down Time	3.4 s
Hydraulic Cycle Time	11 s



## LOADER ARM PERFORMANCE WITH STANDARD BUCKET 5.4 m³ (7.1 yd³)

Tipping Load - Straight (ISO 14397-1:2007)	24,600 kg (54,234 lbs)
Tipping Load - Full Turn (ISO 14397-1:2007)	21,150 kg (46,628 lbs)
Bucket Breakout Force	270 kN (60,698 lbf)
A Maximum Hinge Pin Height	4,609 mm (15'1")
B Dump Clearance at Full Height Discharge	3,332 mm (10'11")
C Dump Reach at Full Height Discharge	1,433 mm (4'8")
D Maximum Digging Depth, Bucket Level	127 mm (5")
S <sub>1</sub> Rollback at Ground Level	45°
S <sub>2</sub> Bucket Rollback at Carry	49°
S <sub>3</sub> Bucket Rollback at Maximum Height	60°
S <sub>4</sub> Maximum Dump Angle at Full Height	45°

## BUCKET PERFORMANCE

Reference Bucket	4.0 m³ - 9.0 m³ (5.2 yd³ - 11.8 yd³)
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## DIMENSIONS

E Ground Clearance	442 mm (1'5")
G Wheelbase	3,700 mm (12'2")
H Cab Height	3,790 mm (12'5")
J Wheel Tread	2,420 mm (7'11")
K Width over Tires	3,170 mm (10'5")
L Length with Bucket Down	9,637 mm (31'7")
M Turn Angle, Either Side	38°
P Rear Angle of Departure	25°
R <sub>1</sub> Turning Radius, Bucket Carry	7,822 mm (25'8")
R <sub>2</sub> Turning Radius, Outside of Tire	6,958 mm (22'10")
W Width over Bucket	3,532 mm (11'7")

## TIRES

Tire Size	29.5R25
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## OPERATING WEIGHTS

Operating Weight	31,750 kg (69,997 lbs)
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## SERVICE CAPACITY

Fuel Tank	459 L (121.3 gal)
Engine Oil	35 L (9.2 gal)
Cooling System	52 L (13.7 gal)
Hydraulic System	343 L (90.6 gal)
Transmission and Torque Converter	62 L (16.4 gal)
Axles, Each	60 L (15.9 gal)
DEF Tank	50 L (13.2 gal)

