

**Engine**

Max. Gross Power 287 kW (385 hp / 390 ps) @ 1,800 rpm

Rated Power 261 kW (350 hp / 355 ps) @ 2,100 rpm

Operating Weight

Cummins QSM11

31,245 kg

Standard Bucket Size

5.4 m³

Standard Breakout Force

235 kN

Standard Dump Clearance

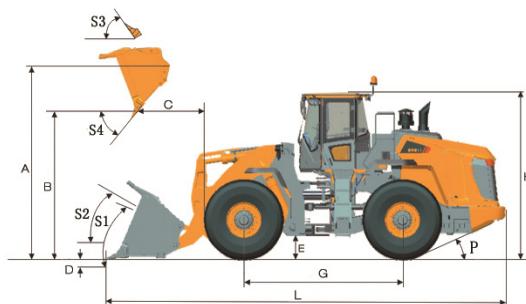
3,330 mm

890H WHEEL LOADER

890H

SPECIFICATIONS >>>

ENGINE	
Emission Regulation	Tier 3 / Stage IIIA
Manufacturer	Cummins
Model	QSM11
Max. Gross Power	287 kW (385 hp / 390 ps) @ 1,800 rpm
Rated Power	261 kW (350 hp / 355 ps) @ 2,100 rpm
Peak Torque	1,776 N·m @ 1,400 rpm
Displacement	10.8 L
Number of Cylinders	6
Aspiration	Turbocharged & Air-to-air intercooled
TRANSMISSION	
Transmission Type	Countershaft, power shift
Torque Converter	Single stage, three elements
Maximum Travel Speed, fwd	38 km/h
Maximum Travel Speed, rev	26.5 km/h
Number of Speeds, fwd	4
Number of Speeds, rev	3
AXLES	
Differential Front Type	Differential lock
Differential Rear Type	Conventional
Axle Oscillation	±13°
STEERING	
Steering Hydraulic System	Load sensing steering
Steering Relief Pressure	20.7 MPa
BRAKES	
Service Brake Type	Wet discs brake
Service Brake Actuation	Full hydraulic
Parking Brake Type	Discs
Parking Brake Actuation	Electro-hydraulic release
HYDRAULIC SYSTEM	
Main Pump Type	Piston
Main Relief Pressure	26 MPa
Raise	6.0 s
Dump Time	1.6 s
Float Down Time	3.4 s
Hydraulic Cycle Time	11.0 s



LOADER ARM PERFORMANCE WITH STANDARD BUCKET 5.4 m ³	
Tipping Load - Straight (ISO 14397-1:2007)	23,100 kg
Tipping Load - Full Turn (ISO 14397-1:2007)	20,320 kg
Bucket Breakout Force	235 kN
A Maximum Hinge Pin Height	4,572 mm
B Dump Clearance at Full Height Discharge	3,330 mm
C Dump Reach at Full Height Discharge	1,479 mm
D Maximum Digging Depth, Bucket Level	125 mm
S ₁ Bucket Rollback at Ground Level	44.6°
S ₂ Bucket Rollback at Carry	49°
S ₃ Bucket Rollback at Maximum Height	62°
S ₄ Maximum Dump Angle at Full Height	45°

BUCKET PERFORMANCE	

| DIMENSIONS | |

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