

Engine	Cummins QSB6.7
Max Gross Pow	119 kW (162 hp) @ 2,200 rpm
Max Net Power	108kW ( 147 hp) @ 2,200 rpm
Operating Weight	14,000 kg
Standard Bucket Size	2.5 m <sup>3</sup>
Standard Breakout Force	129 kN
Standard Dump Clearance	2,880 mm

# 848H<sup>WHEEL LOADER</sup>



TOUGH WORLD. TOUGH EQUIPMENT.

# 848H SPECIFICATIONS >>>

## ENGINE

Emission Regulation	Tier 3 / Stage IIIA
Make	Cummins
Max Gross Power	119 kW (162 hp) @ 2,200 rpm
Max Net Power	108 kW (147 hp) @ 2,200 rpm
Peak Torque	732 N.m @ 14,00 rpm
Displacement	6.7 L
Number of Cylinders	6
Aspiration	Turbocharged & air-to-air intercooled

## TRANSMISSION

Transmission Type	Countershaft, power shift
Torque Converter	Single-stage, three-element
Maximum Travel Speed, fwd	38.8 km/h
Maximum Travel Speed, rev	24.2 km/h
Number of Speeds, fwd.	4
Number of Speeds, rev	3

## AXLES

Differential Front Type	Conventional
Differential Rear Type	Conventional
Axle Oscillation	±11°

## STEERING

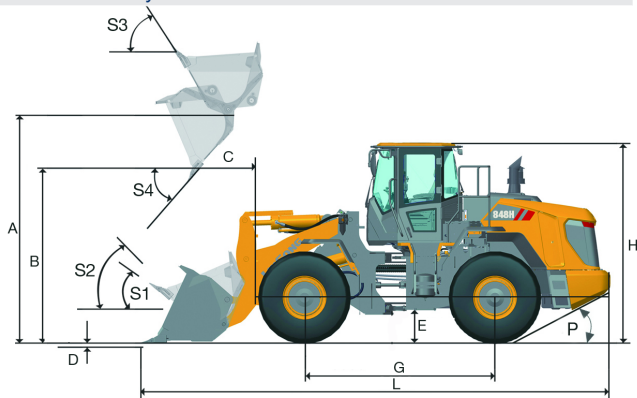
Steering Configuration	Articulated
Steering Relief Pressure	17.2 Mpa

## BRAKES

Service Brake Type	Wet discs Brake
Service Brake Actuation	Hydraulic
Parking Brake Type	Manual electronic control
Parking Brake Actuation	Hydraulic

## HYDRAULIC SYSTEM

Main Pump Type	Piston
Main Relief Pressure	21 Mpa
Raise	5.4 sec
Dump Time	1.1 sec
Float Down Time	3.0 sec
Fastest Total Cycle Time	9.5 sec



## LOADER ARM PERFORMANCE

Tipping Load - Straight	11,000 kg
Tipping Load - Full Turn	9,700 kg
Bucket Breakout Force	129 kN
A Maximum Hinge Pin Height	3,935 mm
B Dump Clearance at Full Height Discharge	2,880 mm
C Dump Reach at Full Height Discharge	1,000 mm
D Maximum Digging Depth, Bucket Level	90 mm
S <sub>1</sub> Bucket Rollback at Ground Level	45°
S <sub>2</sub> Bucket Rollback at Carry	48°
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	2.3-4.0 m <sup>3</sup>
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## DIMENSIONS

E Ground Clearance	366 mm
G Wheelbase	3,050 mm
H Cab Height	3,310 mm
J Wheel Tread	2,050 mm
K Width Over Tires	2,548 mm
L Length with Bucket Down	7,880 mm
M Turn Angle, Either Side	40°
P Rear Angle of Departure	28°
R <sub>1</sub> Turning Radius, Bucket Carry	6,120 mm
R <sub>2</sub> Turning Radius, Outside of Tire	5,590 mm

## TIRES

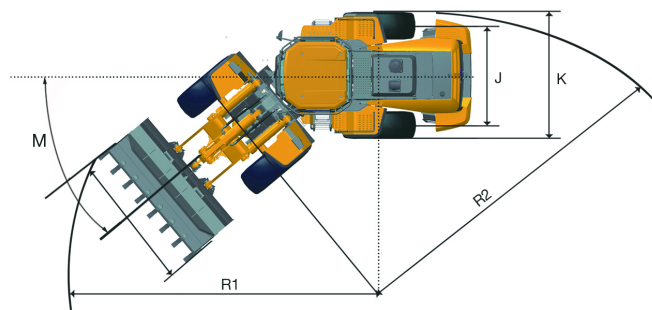
Tire Size	20.5-25
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## OPERATING WEIGHTS

Operating Weight	14,000 kg
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## SERVICE CAPACITY

Fuel Tank	245 L
Engine Oil	17 L
Cooling System	44 L
Hydraulic Reservoir	180 L
Transmission and Torque Converter	40 L
Axle, Each	18 L



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Specifications and designs are subject to change without notice. Machines shown may include optional equipment.

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