

Engine	Cummins QSB6.7
Max Gross Pow	129 kW (173 hp) @ 2,100 rpm
Max Net Power	122.5kW (164 hp) @ 2,100 rpm
Operating Weight	15,160 kg
Standard Bucket Size	2.7 m ³
Standard Breakout Force	131.6 kN
Standard Dump Clearance	2,840 mm

848H^{WHEEL LOADER}



TOUGH WORLD. TOUGH EQUIPMENT.

848H SPECIFICATIONS >>>

ENGINE

Emission Regulation	Tier 4 Final / Stage IV
Make	Cummins
Max Gross Power	129 kW (173 hp) @ 2,100 rpm
Max Net Power	122.5 kW (164 hp) @ 2,100 rpm
Peak Torque	841 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	44.1 km/h
Maximum Travel Speed, rev	26.8 km/h
Number of Speeds, fwd.	4
Number of Speeds, rev	3

AXLES

Differential Front Type	Limited slip
Differential Rear Type	Limited slip
Axle Oscillation	±12°

STEERING

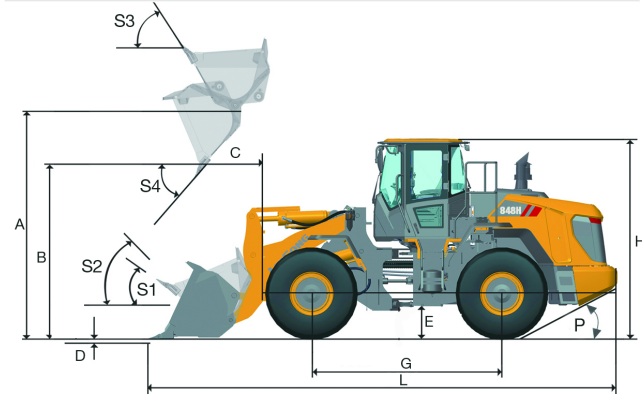
Steering Configuration	Articulated
Steering Relief Pressure	18 Mpa

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	20.7 Mpa
Raise	5.5 sec
Dump Time	1.6 sec
Float Down Time	3.0 sec
Fastest Total Cycle Time	10.1 sec



LOADER ARM PERFORMANCE

Tipping Load - Straight	11,905 kg
Tipping Load - Full Turn	10,789 kg
Bucket Breakout Force	131.6 kN
A Maximum Hinge Pin Height	3,935 mm
B Dump Clearance at Full Height Discharge	2,840 mm
C Dump Reach at Full Height Discharge	1,016 mm
D Maximum Digging Depth, Bucket Level	90 mm
S ₁ Bucket Rollback at Ground Level	45°
S ₂ Bucket Rollback at Carry	48°
S ₃ Bucket Rollback at Maximum Height	60°
S ₄ Maximum Dump Angle at Full Height	45°

BUCKET PERFORMANCE

Reference Bucket	2.5-4.5 m ³
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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	38°
P Rear Angle of Departure	28°
R ₁ Turning Radius, Bucket Carry	6,120 mm
R ₂ Turning Radius, Outside of Tire	5,590 mm

TIRES

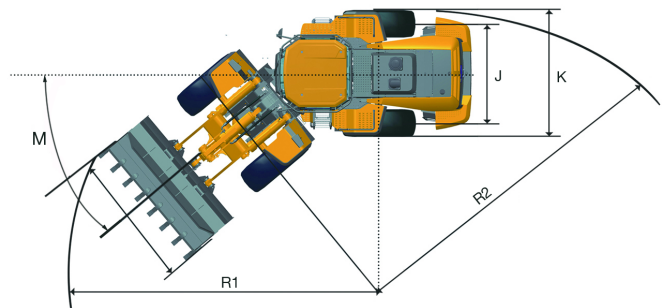
Tire Size	20.5-25
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OPERATING WEIGHTS

Operating Weight	15,160 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	36 L
DEF Tank	19 L



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