



Engine	Cummins
Rated Power	135 kW(181 hp / 184 ps) @ 2,050 rpm
Net Power	124 KW(166 HP / 169 PS) @ 2,050 RPM
Operating Mass	14,450 kg
Standard Bucket Size	3 M ³
Standard Breakout Force	136 kN
Standard Dump Clearance	2,890 mm

848H WHEEL LOADER

TOUGH WORLD. TOUGH EQUIPMENT.

848H SPECIFICATIONS >>>

ENGINE

Emission Regulation	Tier 3/ Stage IIIA
Maker	Cummins
Rated Power	135 kW(181hp/184ps)@2,050 rpm
Net Power	124 kW(166hp/169ps)@2,050 rpm
Peak Torque	740 Nm @ 900 rpm
Displacement	6.7 Litre
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	40 km/h
Maximum Travel Speed, rev	25.9 km/h
Number of Speed,fwd	4
Number of Speed,Rev	3

AXLES

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

STEERING

Steering Configuration	Articulated
Steering Pressure Relief	20.7 MPa

BRAKES

Service Brake Type	Wet Brake
Service Brake Actuation	Hydraulic
Park Brake Type	Drum
Park Brake Actuation	Electro-hydraulic release

HYDRAULIC SYSTEM

Main Pump Type	Piston
Main Relief Pressure	21 Mpa
Raise	4.8 s
Dump Time	1.1 s
Float Down Time	3.0 s
Fastest Total Cycle Time	8.9 s

INCLUSIONS

Auto greaser	Emergency steering	Additional counterweight	Rear view Camera
Ride control	Air seat	Radial Tyres	

LOADER ARM PERFORMANCE WITH STANDARD BUCKET 3 M³

Tipping Load-Straight (ISO 14397-1:2007)	10,400 kg
Tipping Load-Full Turn(ISO 14397-1:2007)	9,200 kg
Bucket Breakout Force	136 kN
A. Maximum Hinge Pin Height	3,937 mm
B. Dump Clearance at Full Height Discharge	2,890 mm
C. Dump Reach at Full Height Discharge	989 mm
D. Maximum Digging Depth, Bucket Level	70 mm
S1. Bucket Roll back at Ground Level	43°
S2. Bucket Roll Back at Carry	48°
S3. Bucket Roll Back at Maximum Height	60°
S4. Maximum Dump Angle at Full Height	45°

BUCKET PERFORMANCE

Reference Bucket	3 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 Tyres	2,548 mm
L. Length with Bucket Down	7,815 mm
M. Turn Angle, Either Side	40°
P. Rear Angle of Departure	28°
R1. Turning Radius, Bucket Carry	6,062 mm
R2. Turning Radius, Outside of Tyre	5,460 mm

TYRES

Tyre Size	20.5-25 PR16/TL L-3
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OPERATING WEIGHT

Operating Weight	14,450 kg
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SERVICE CAPACITY

Fuel Tank	240 L
Engine Oil	18 L
Cooling System	33 L
Hydraulic Reservoir	180 L
Transmission and Torque Converter	40 L
Axles, Front/Rear	36/42 L

