



<b>Engine</b>	Cummins QSB5.9-C150
<b>Rated Power</b>	113 KW (152 HP / 154 PS) @ 2,200 RPM
<b>Net Power</b>	104 KW (139 HP / 141 PS) @ 2,200 RPM
<b>Operating Mass</b>	10,700 kg
<b>Standard Bucket Size</b>	1.9 M <sup>3</sup>
<b>Standard Breakout Force</b>	99 kN
<b>Standard Dump Clearance</b>	2,938 mm

## STANDARD SPEC

# 835H WHEEL LOADER

TOUGH WORLD. TOUGH EQUIPMENT.

# 835H MAX SPECIFICATIONS >>>

# STANDARD SPEC

## ENGINE

Emission Regulation	Stage III
Make	Cummins
Engine model	QSB5.9-C150
Gross Power	113kW(152 hp/ 154 ps)@2,200 rpm
Net Power	104kW(139 hp/ 141 ps)@2,200 rpm
Peak Torque	690 Nm @ 1,100 - 1,500 RPM (509lbf ft@1,100 - 1,500 RPM)
Displacement	5.9 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	37 km/h
Maximum Travel Speed, rev	23 km/h
Number of Speed,fwd	4
Number of Speed,Rev	3

## AXLES

Differential Front Type	Conventional
Differential Back Type	Conventional
Axle Oscillation	±10°

## STEERING

Steering Configuration	Articulated
Steering Pressure Relief	17.2 Mpa

## BRAKES

Service Brake Type	Caliper discs brake
Service Brake Actuation	Air over Hydraulic
Park Brake Type	Drum
Park Brake Actuation	Mechanical

## HYDRAULIC SYSTEM

Main Pump Type	Gear
Main Relief Pressure	17 Mpa
Raise	5.1 s
Dump Time	1.1 s
Float Down Time	3.1 s
Fastest Total Cycle Time	9.3 s

## LOADER ARM PERFORMANCE WITH QUICK ATTACH BUCKET 1.9M<sup>3</sup>

Tipping Load-Straight (ISO 14397-1:2007)	8,100 kg
Tipping Load-Full Turn(ISO 14397-1:2007)	6,800 kg
Bucket Breakout Force	99 kN
A. Maximum Hinge Pin Height	3,739 mm
B. Dump Clearance at Full Height Discharge	2,938 mm
C. Dump Reach at Full Height Discharge	1,042 mm
D. Maximum Digging Depth, Bucket Level	40 mm
S1. Rollback at Ground Level	42°
S2. Bucket Roll Back at Carry	49°
S3. Bucket Roll Back at Maximum Height	60°
S4. Maximum Dump Angle at Full Height	45°

## BUCKET PERFORMANCE

Reference Bucket	1.9 m <sup>3</sup>
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## DIMENSIONS

E. Ground Clearance	350 mm
G. Wheelbase	2,870 mm
H. Cab Height	3,340 mm
J. Wheel Tread	1,850 mm
K. Width Over Tyres	2,295 mm
L. Length with Bucket Down	7,193 mm
M. Turn Angle, Either Side	40°
P. Rear Angle of Departure	28°
R1. Turning Radius, Bucket Carry	5,616 mm
R2. Turning Radius, Outside of Tyre	5,090 mm

## TYRES

Tyre Size	17.5-25PR12
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## OPERATING WEIGHT

Operating Weight	10,700 kg
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## SERVICE CAPACITY

Fuel Tank	140 L
Engine Oil	16.3 L
Cooling System	40 L
Hydraulic System	130 L
Transmission and Torque Converter	45 L
Axles, each	22 L

