

Engine Cummins QSB5.9-C150
Rated Power 113 KW (152 HP / 154 PS) @ 2,200 RPM
Net Power 104 KW (139 HP / 141 PS) @ 2,200 RPM
Operating Mass 10,700 kg
Standard Bucket Size 1.9 M³
Standard Breakout Force 99 kN
Standard Dump Clearance 2,938 mm

STANDARD SPEC 835H WHEEL LOADER

TOUGH WORLD. TOUGH EQUIPMENT.

835H MAX SPECIFICATIONS >>>

STANDARD SPEC

1.9 m³

10,700 kg

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

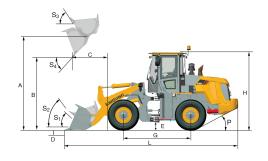
TRANSMISSION	
Transmission Type	Countershaft, power shift
Torque Converter	Single stage, three elements
Maximum Travel Speed, fwd	37 km/h
Maximum Travel Speed, rev	23 km/h
Number of Speed,fwd	4
Number of Speed,Rev	3

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 ATTAC	H BUCKET 1.9M³
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°

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

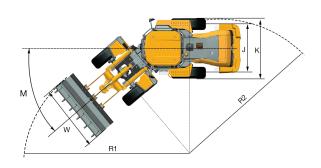
BUCKET PERFORMANCE
Reference Bucket

TYRES

Operating Weight

Tyre Size	17.5-25PR12
OPERATING WEIGHT	

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



M°INTOSH DISTRIBUTION

Correct as at 24/03/2022.