

Engine	Cummins 6BTAA5.9-C130
Rated Power	97 kW (132 hp) @ 2,200 rpm
Net Power	89 kW (121 hp) @ 2,200 rpm
Operating Weight	10,375 kg
Standard Bucket Size	2 m <sup>3</sup>
Reference Bucket Size	1,5 - 3 m <sup>3</sup>
Standard Breakout Force	99 kN
Standard Dump Clearance	2,930 mm

# 835H<sub>M</sub> WHEEL LOADER

 **LIUGONG**



TOUGH WORLD. TOUGH EQUIPMENT.

# 835H<sub>M</sub> SPECIFICATIONS >>>

## ENGINE

Emission Regulation	Tier 2 / Stage II
Maker	Cummins
Model	6BTA5.9-C130
Gross Power	97 kW (132 hp) @ 2,200 rpm
Net Power	89 kW (121 hp) @ 2,200 rpm
Peak Torque	580 N·m @ 1,300~1,500 rpm
Displacement	5.9 L
Number of Cylinder	6
Aspiration	Turbocharged & Air-to-air inter-cooled

## TRANSMISSION

Transmission Type	Planetary, power shift
Torque Converter	Double stage, four elements
Maximum Travel Speed, fwd	40 km/h
Maximum Travel Speed, rev	18 km/h
Number of Speed, fwd	2
Number of Speed, Rev	1

## AXLES

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

## STEERING

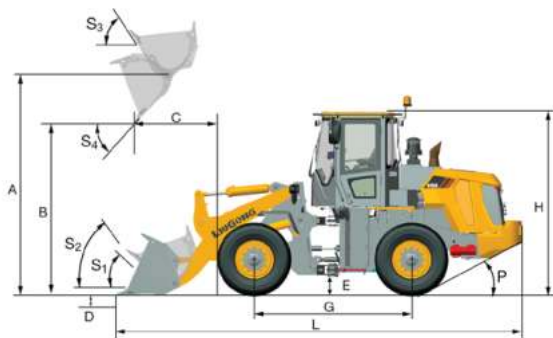
Steering Configuration	Articulated
Steering Relief Pressure	17.2 MPa

## BRAKES

Service Brake Type	Caliper discs brake
Service Brake Actuation	Air over hydraulic
Parking Brake Type	Mechanical control
Parking 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 1.8 m<sup>3</sup>

Tipping Load - Straight (ISO 14397-1:2007)	8,100 kg
Tipping Load - Full Turn (ISO 14397-1:2007)	7,000 kg
Bucket Breakout Force	99 kN
A Maximum Hinge Pin Height	3,738 mm
B Dump Clearance at Full Height Discharge	2,930 mm
C Dump Reach at Full Height Discharge	1,035 mm
D Maximum Digging Depth, Bucket Level	40 mm
S <sub>1</sub> Rollback at Ground Level	42°
S <sub>2</sub> Bucket Rollback at Carry	49°
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	1.5 - 2.3 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 Tires	2,295 mm
L Length with Bucket Down	7,150 mm
M Turn Angle, Either Side	40°
P Rear Angle of Departure	28°
R <sub>1</sub> Turning Radius, Bucket Carry	5,660 mm
R <sub>2</sub> Turning Radius, Outside of Tire	5,090 mm
W Width Over Bucket	2,460 mm

## TIRES

Tire Size	17.5 - 25
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## OPERATING WEIGHTS

Operating Weight	10,375 kg
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## SERVICE CAPACITY

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

