

Engine	Cummins QSB5.9-C150
Rated Power	113 kW (154 hp) @ 2,200 rpm
Net Power	102 kW (139 hp) @ 2,200 rpm
Operating Weight	11,000 kg
Standard Bucket Size	2.0 m <sup>3</sup>
Standard Breakout Force	95 kN
Standard Dump Clearance	2,870 mm

# 835H

WHEEL LOADER

 **LIUGONG**



TOUGH WORLD. TOUGH EQUIPMENT.

# 835H SPECIFICATIONS >>>

ENGINE	
Emission Regulation	Tier 3 / Stage III
Maker	Cummins
Model	QSB5.9-C150
Gross Power	113 kW (154 hp) @ 2,200 rpm
Net Power	102 kW (139 hp) @ 2,200 rpm
Peak Torque	690 N·m @ 1,100~1,500 rpm
Displacement	5.9 L
Number of Cylinder	6
Aspiration	Turbocharged & Air-to-air inter-cooled

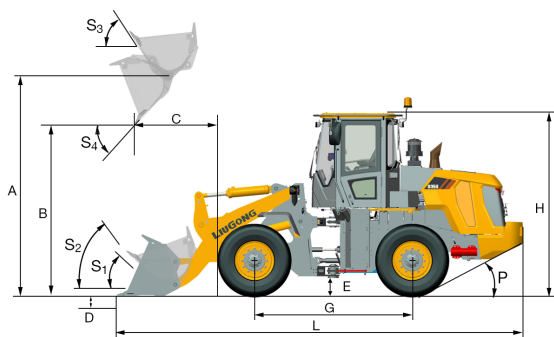
TRANSMISSION	
Transmission Type	Countershaft, power shift
Torque Converter	Single stage, three elements
Maximum Travel Speed, fwd	37 km/h
Maximum Travel Speed, rev	23 km/h
Number of Speed, fwd	4
Number of Speed, Rev	3

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

STEERING	
Steering Configuration	Articulated
Steering Relief Pressure	17.2 MPa

BRAKES	
Service Brake Type	Wet discs brake
Service Brake Actuation	Hydraulic
Parking Brake Type	Drum type
Parking Brake Actuation	Electro-hydraulic

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 2.0 m <sup>3</sup>	
Tipping Load - Straight (ISO 14397-1:2007)	8,500 kg
Tipping Load - Full Turn (ISO 14397-1:2007)	7,200 kg
Bucket Breakout Force	95 kN
A Maximum Hinge Pin Height	3,738 mm
B Dump Clearance at Full Height Discharge	2,870 mm
C Dump Reach at Full Height Discharge	1,095 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°

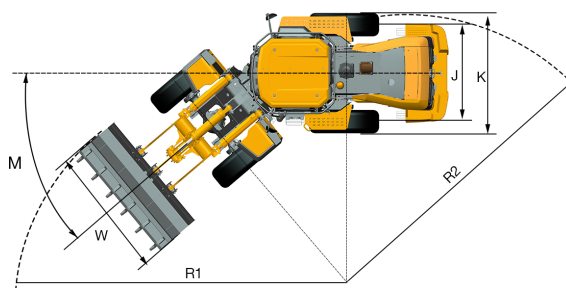
BUCKET PERFORMANCE	
Reference Bucket	1.8 m <sup>3</sup>

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	7,185 mm
M Turn Angle, Either Side	40°
P Rear Angle of Departure	28°
R <sub>1</sub> Turning Radius, Bucket Carry	5,740 mm
R <sub>2</sub> Turning Radius, Outside of Tire	5,090 mm
W Width Over Bucket	2,600 mm

TIRES	
Tire Size	17.5 - 25

OPERATING WEIGHTS	
Operating Weight	11,000 kg

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	28 L



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Specifications and designs are subject to change without notice. Machines shown may include optional equipment. LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.