

Engine	Cummins Stage III
Gross Power	119 kW (160 hp) @ 2,200 rpm
Net Power	108 kW (145 hp) @ 2,200 rpm
Operating Weight	10,800 kg
Standard Bucket Size	1.9 m ³
Standard Breakout Force	105 kN
Standard Dump Clearance	2,920 mm

835H

**HIGH SPEC
WHEEL LOADER**

LIUGONG



TOUGH WORLD. TOUGH EQUIPMENT.

835H HIGH SPECIFICATIONS >>>

HS = High Specification Inclusions

ENGINE

Emission Regulation	Stage III
Make	Cummins
Model	QSB6.7
Gross Power	119 kW (160 hp) @ 2,200 rpm
Net Power	108 kW (145 hp) @ 2,200 rpm
Peak Torque	732 N·m @ 1,400 rpm
Displacement	6.7 L
Number of Cylinder	6
Aspiration	Turbocharged & Air-to-air intercooled
HS Cooling Fan	Hydraulic Bi-directional

TRANSMISSION

Transmission Type	Countershaft, power shift
Torque Converter	Single stage, three elements
Maximum Travel Speed, fwd	36 km/h
Maximum Travel Speed, rev	23.2 km/h
Number of Speed, fwd	4
Number of Speed, Rev	3

AXLES

Differential Front Type	Conventional
Differential Rear Type	Conventional
Axle Oscillation	±11°

CONTROL

Steering Configuration	Articulated
Steering Relief Pressure	17.2 MPa
Joystick	Single
HS Steering System	Emergency

BRAKES

Service Brake Type	Caliper disc axle
Service Brake Actuation	Hydraulic
Parking Brake Type	Manual electronic control
Parking Brake Actuation	Hydraulic

HYDRAULIC SYSTEM

Main Pump Type	Gear
Main Relief Pressure	18 MPa
Raise	5.1 s
Dump Time	1.1 s
Float Down Time	3.1 s
Fastest Total Cycle Time	9.3 s

CAB

HS A/C	ROPS/FOPS FNR Ride Control
HS Seat	Air Suspension

INCLUDED EXTRAS

HS Auto Lubrication
HS Rear View Camera
HS Additional Counter Weight (180 kg)

LOADER ARM PERFORMANCE with Standard Bucket 1.8 m³

Tipping Load - Straight (ISO 14397-1:2007)	7,900 kg
Tipping Load - Full Turn (ISO 14397-1:2007)	6,800 kg
Bucket Breakout Force	105 kN
A Maximum Hinge Pin Height	3,730 mm
B Dump Clearance at Full Height Discharge	2,920 mm
C Dump Reach at Full Height Discharge	1,014 mm
D Maximum Digging Depth, Bucket Level	40 mm
S ₁ Rollback at Ground Level	41°
S ₂ Bucket Rollback at Carry	48°
S ₃ Bucket Rollback at Maximum Height	61°
S ₄ Maximum Dump Angle at Full Height	45°
Valve	3 spool

BUCKET PERFORMANCE

HS Reference Bucket	1.9 m ³ quick hitch bolt-on cutting edge
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DIMENSIONS

E Ground Clearance	335 mm
G Wheelbase	2,870 mm
H Cab Height	3,232 mm
J Wheel Tread	1,850 mm
K Width Over Tires	2,295 mm
L Length with Bucket Down	7,060 mm
M Turn Angle, Either Side	40°
P Rear Angle of Departure	28°
R ₁ Turning Radius, Bucket Carry	5,600 mm
R ₂ Turning Radius, Outside of Tire	5,090 mm
W Width Over Bucket	2,460 mm

TYRES

Tyre Size	17.5 - 25
HS Tyre Type	Radial

OPERATING WEIGHTS

Operating Weight	10,800 kg
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SERVICE CAPACITY

Fuel Tank	187 L
Engine Oil	15 L
Cooling System	32 L
Hydraulic System	145 L
Transmission and Torque Converter	45 L
Axles, Each	28 L

