

Engine	Cummins QSB7
Rated Power	135 kW (183 hp) @ 2,200 rpm
Net Power	128 kW (174 hp) @ 2,200 rpm
Operating Weight	14,790 kg
Standard Bucket Size	3.0 m ³
Maximum Breakout Force	105 kN
Standard Dump Clearance	2,660 mm

848H

WHEEL LOADER

 **LIUGONG**



TOUGH WORLD. TOUGH EQUIPMENT.

848H SPECIFICATIONS >>>

ENGINE

Emission Regulation	Tier 3 / Stage IIIA
Maker	Cummins
Rated Power	135 kW (183 hp) @ 2,200 rpm
Net Power	128 kW (174 hp) @ 2,200 rpm
Peak Torque	740 N · m @ 1,400 rpm
Displacement	6.7 L
Number of Cylinders	6
Aspiration	Turbocharged & air-to-air inter-cooled

TRANSMISSION

Transmission Type	Countershaft, power shift
Torque Converter	Single-stage, three-element
Maximum Travel Speed, Fwd	40 km/h
Maximum Travel Speed, Rev	25.9 km/h
Number of Speeds, Fwd	4
Number of Speeds, Rev	3

AXLES

Differential Front Type	Conventional
Differential Rear Type	Conventional
Axle Oscillation	±12°

STEERING

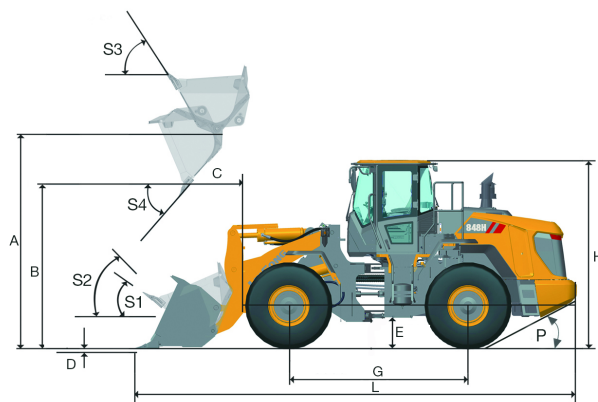
Steering Configuration	Articulated
Steering Relief Pressure	20.7 Mpa

BRAKES

Service Brake Type	Wet discs Brake
Service Brake Actuation	Hydraulic
Parking Brake Type	Manual electronic control
Parking Brake Actuation	Hydraulic

HYDRAULIC SYSTEM

Main Pump Type	Piston
Main Relief Pressure	21 Mpa
Raise	4.8 sec
Dump Time	1.1 sec
Float Down Time	3.0 sec
Fastest Total Cycle Time	8.9 sec



LOADER ARM PERFORMANCE with Quick Attach Bucket 3.0 m³

Tipping Load - Straight(ISO 14397-1:2007)	9,700 kg
Tipping Load - Full Turn(ISO 14397-1:2007)	8,500 kg
Bucket Breakout Force	105 kN
A Maximum Hinge Pin Height	3,937 mm
B Dump Clearance at Full Height Discharge	2,660 mm
C Dump Reach at Full Height Discharge	1,165 mm
D Maximum Digging Depth, Bucket Level	107 mm
S ₁ Bucket Rollback at Ground Level	43°
S ₂ Bucket Rollback at Carry	48°
S ₃ Bucket Rollback at Maximum Height	63°
S ₄ Maximum Dump Angle at Full Height	45°

BUCKET PERFORMANCE

Reference Bucket	2.3-4.0 m ³
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DIMENSIONS

E Ground Clearance	366 mm
G Wheelbase	3,050 mm
H Cab Height	3,310 mm
J Wheel Tread	2,050 mm
K Width Over Tires	2,548 mm
L Length with Bucket Down	8,075 mm
M Turn Angle, Either Side	40°
P Rear Angle of Departure	28°
R ₁ Turning Radius, Bucket Carry	6,290 mm
R ₂ Turning Radius, Outside of Tire	5,200 mm
W Width Over Bucket	2,767 mm

TIRES

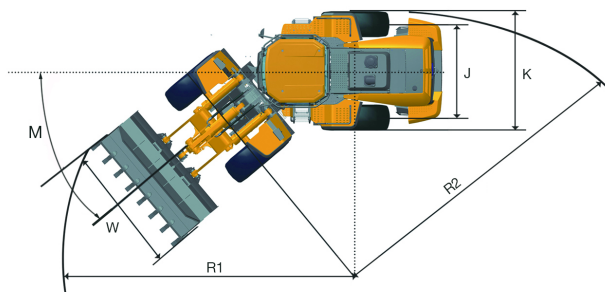
Tire Size	20.5-25 PR16
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OPERATING WEIGHTS

Operating Weight	14,790 kg
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SERVICE CAPACITY

Fuel Tank	240 L
Engine Oil	18 L
Cooling System	33 L
Hydraulic Reservoir	180 L
Transmission and Torque Converter	40 L
Axle, Front	36 L
Axle, Rear	42 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.