



Engine	Cummins QSB7
Rated Power	135 kW(181 hp / 184 ps) @ 2,050 rpm
Net Power	124 kW(166 hp / 169 ps) @ 2,050 rpm
Operating Weight	14,450 kg
Standard Bucket Size	2.5 m ³
Standard Breakout Force	136 kN
Standard Dump Clearance	2,890 mm

848H WHEEL LOADER

848H SPECIFICATIONS >>>

ENGINE

Emission Regulation	Tier 3 / Stage IIIA
Maker	Cummins
Rated Power	135 kW (181 hp / 184 ps) @ 2,050 rpm
Net Power	124 kW (166 hp / 169 ps) @ 2,050 rpm
Peak Torque	740 N · m @ 900 rpm
Displacement	6.7 L
Number of Cylinders	6
Aspiration	Turbocharged & air-to-air intercooled

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	Limited slip differential
Differential Rear Type	Limited slip differential
Axle Oscillation	±12°

STEERING

Steering Configuration	Articulated
Steering Relief Pressure	20.7 Mpa

BRAKES

Service Brake Type	Wet brake
Service Brake Actuation	Hydraulic
Parking Brake Type	Drum
Parking Brake Actuation	Electro-hydraulic release

HYDRAULIC SYSTEM

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

LOADER ARM PERFORMANCE with Standard Bucket 2.5 m³

Tipping Load - Straight(ISO 14397-1:2007)	10,400 kg
Tipping Load - Full Turn(ISO 14397-1:2007)	9,200 kg
Bucket Breakout Force	136 kN
A Maximum Hinge Pin Height	3,937 mm
B Dump Clearance at Full Height Discharge	2,890 mm
C Dump Reach at Full Height Discharge	989 mm
D Maximum Digging Depth, Bucket Level	70 mm
S ₁ Bucket Rollback at Ground Level	43°
S ₂ Bucket Rollback at Carry	48°
S ₃ Bucket Rollback at Maximum Height	60°
S ₄ Maximum Dump Angle at Full Height	45°

BUCKET PERFORMANCE

Reference Bucket	2.5-6.0 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	7,815 mm
M Turn Angle, Either Side	40°
P Rear Angle of Departure	28°
R ₁ Turning Radius, Bucket Carry	6,062 mm
R ₂ Turning Radius, Outside of Tire	5,460 mm
W Width Over Bucket	2,756 mm

TIRES

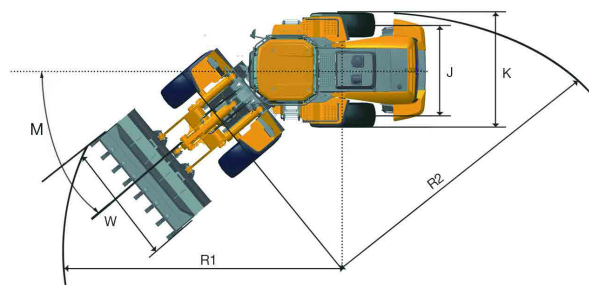
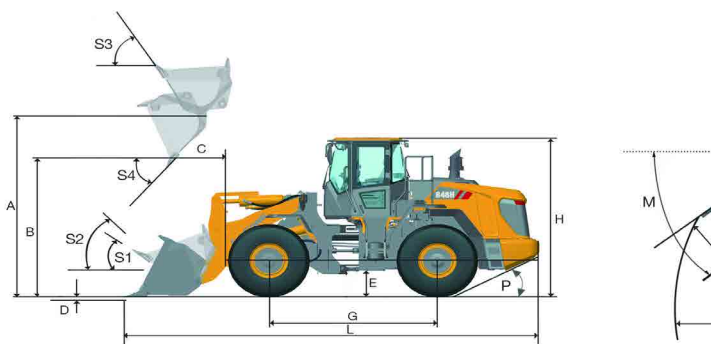
Tire Size	20.5-25 PR16 L-3 TT
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OPERATING WEIGHTS

Operating Weight	14,450 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/Rear	36/42 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. Engine power kW is converted to metric hp in this file (1 kW=1.36 hp).

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Replace the previous versions of 06/2019