Engine Cummins III

Max Gross Pow 119 kW (160 hp) @ 2,200 rpm

Max Net Power 108 kW (145 hp) @ 2,200 rpm

Operating Weight 14,200 kg

Standard Bucket Size 3 m³

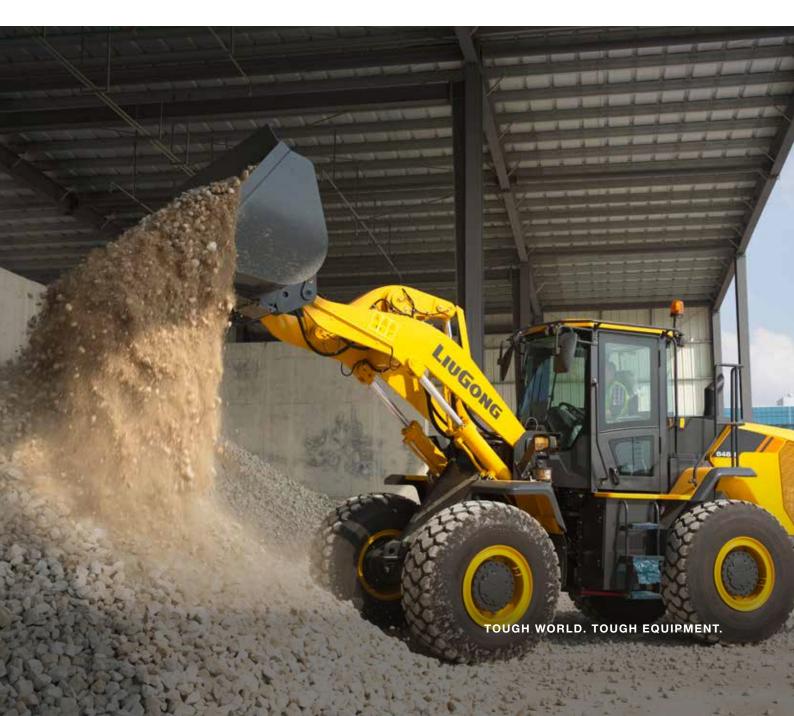
Maximum Breakout Force 136 kN

Standard Dump Clearance 2,892 mm

848H

WHEEL LOADER





848H SPECIFICATIONS >>>

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

TRANSMISSION	
Transmission Type	Countershaft, power shift
Torque Converter	Single-stage,three-element
Maximum Travel Speed, Fwd	39 km/h
Maximum Travel Speed, Rev	24.2 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°

CONTROL		
Steering Configuration	Articulated	
Steering Relief Pressure	18 Mpa	
Joystick	Single	
Steering System	Emergency	

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	

CAB	
A/C	Detachable Cab ROPS/FOPS FNR Ride Control
Seat	Air Suspension

INCLUDED EXTRAS		
Auto Lubrication		
Rear View Camera		
OPTIONAL EXTRAS		

LOADER ARM PERFORMANCE with Standard Bucket 2.5 m³		
Tipping Load - Straight(ISO 14397-1:2007)	10,200 kg	
Tipping Load - Full Turn(ISO 14397-1:2007)	9,600 kg	
Bucket Breakout Force	136 kN	
A Maximum Hinge Pin Height	3,937 mm	
B Dump Clearance at Full Height Discharge	2,892 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	63°	
S ₄ Maximum Dump Angle at Full Height	45°	
Valve	3 Spool	

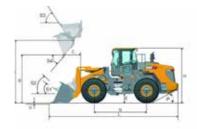
BUCKET PERFORMANCE	
Reference Bucket	3 m³ quick hitch bolt-on cutting edge
Bucket attachment	Quick Coupler

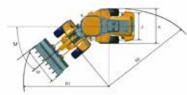
DIMENSIONS	
E Ground Clearance	366 mm
G Wheelbase	3,050 mm
H Cab Height	3,310 mm
J Wheel Tread	2,050 mm
K Width Over Tires	2,548 mm
L Length with Bucket Down	7,815 mm
M Turn Angle, Either Side	40°
P Rear Angle of Departure	28°
R ₁ Turning Radius, Bucket Carry	6,200 mm
R ₂ Turning Radius, Outside of Tire	5,460 mm
W Width Over Bucket	-,0 mm

TYRES	
Tyre Size	20.5-25PR16
Tyre Type	Bias, Tubeless

OPERATING WEIGHTS	
Operating Weight	14,200 kg

SERVICE CAPACITY	
Fuel Tank	240 L
Engine Oil	15 L
Cooling System	33 L
Hydraulic Reservoir	180 L
Transmission and Torque Converter	40 L
Axle, Front	36 L
Axle, Rear	42 L





Radial Tyres