LiuGong



Engine	Cummins B7
Rated Power	133 kW (178 hp /181 ps) @ 2,200 rpm
Operating Weight	17,675 kg
Standard Bucket Capacity	3.0 m^3
Standard Breakout Force	140 kN
Standard Dump Clearance	3,135 mm

848T WHEEL LOADER

TOUGH WORLD. TOUGH EQUIPMENT.

848T SPECIFICATIONS >>>

ENGINE	
Emission Rating	Tier 3 / Stage III
Manufacturer	Cummins
Model	B7
Rated Power	133 kW (178 hp /181 ps) @ 2,200 rpm
Peak Torque	946 N·m@ 1,500 rpm
Displacement	6.7 L
Number of Cylinders	6
Aspiration	Turbocharged & Air-to air intercooled

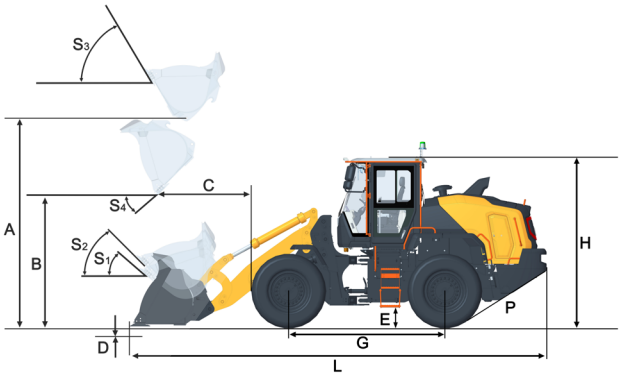
TRANSMISSION	
Transmission Type	countershaft, power shift
Torque Converter	Single stage, three elements
Maximum Travel Speed, fwd	39.3 km/h
Maximum Travel Speed, rev	26.6 km/h
Number of Speeds, fwd	4
Number of Speeds, rev	3

AXLES	
Differential Front Type	Limited slip
Differential Rear Type	Limited slip
Axle Oscillation	±9°

STEERING SYSTEM	
Steering System	Load sensing
Steering Relief Pressure	22 MPa

BRAKES	
Service Brake Type	Wet disc brake
Service Brake Actuation	Full hydraulic
Parking Brake Type	Drum
Parking Brake Actuation	Electro-hydraulic release

HYDRAULIC SYSTEM	
Main Pump Type	Piston
Main Relief Pressure	28 MPa
Raise	5.6 s
Dump	3.0 s
Float Down Time	4.3 s
Total Hydraulic Cycle Time	12.9 s



HIGH LIFT LOADER ARM PERFORMANCE WITH STANDARD BUCKET AT 3.0 m³ (QC) WITH BOLT-ON CUTTING EDGE	
Tipping Load - Straight (ISO 14397-1:2007)	9,382 kg
Tipping Load - Full Turn (ISO 14397-1:2007)	8,019 kg
Bucket Breakout Force	140 kN
A Maximum Hinge Pin Height	4,400 mm
B Dump Clearance at Full Height Discharge	3,135 mm
C Dump Reach at Full Height Discharge	1,443 mm
D Maximum Digging Depth, Bucket Level	155 mm
S_1 Bucket Rollback at Ground Level	50°
S_2 Bucket Rollback at Carry	47°
S_3 Bucket Rollback at Maximum Height	62°
S_4 Maximum Dump Angle at Full Height	45°

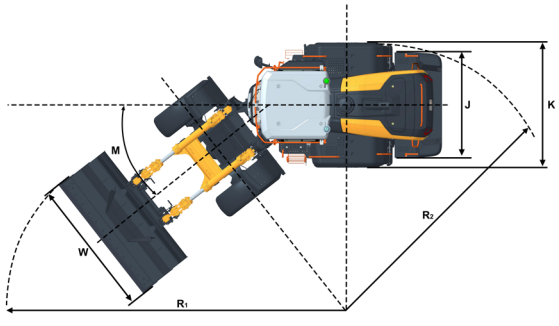
BUCKET PERFORMANCE	
Bucket Capacities	2.5-6.0 m³

DIMENSIONS	
E Ground Clearance	443 mm
G Wheelbase	3,100 mm
H Cab Height	3,385 mm
J Wheel Tread	2,280 mm
K Width over Tires	3,060 mm
L Length with Bucket Down	8,620 mm
M Turn Angle, Either Side	38°
P Rear Angle of Departure	33°
R_1 Turning Radius, Bucket Carry	6,928 mm
R_2 Turning Radius, Outside of Tire	6,048 mm
W Width over Bucket	2,920 mm

TIRES	
Tire Size	750/65R26

OPERATING WEIGHTS	
Operating Weight	17,675 kg

SERVICE REFILL CAPACITIES	
Fuel Tank	240 L
Engine Oil	20 L
Cooling System	28 L
Hydraulic System	140 L
Transmission	40 L
Axles, Front/Rear	50 L / 48 L



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09/2026 Designed by LiuGong

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 horsepower (1 kW=1.3596 ps and 1 kW=1.3410 hp) in this file.