LIUGONG

Engine	Cummins B6.7
Max. Gross	145 kW (194 hp / 197 ps) @ 2,000 rpm
Max. Net	136 kW (182 hp / 185 ps) @ 2,000 rpm
Operating Weight	16,500 kg
Standard Bucket Size	2.7 m^3
Standard Breakout Force	142 kN
Standard Dump Clearance	2,848 mm

848T WHEEL LOADER

TOUGH WORLD. TOUGH EQUIPMENT.

848T SPECIFICATIONS >>>

ENGINE	
Emission Regulation	EU Stage V
Manufacturer	Cummins
Model	B6.7
Max.Gross	145 kW (194 hp / 197 ps) @ 2,000 rpm
Max.Net	136 kW (182 hp / 185 ps) @ 2,000 rpm
Peak Torque	881 N·m @ 1,300 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 km/h
Maximum Travel Speed, rev	26.1 km/h
Number of Speed, fwd	4
Number of Speed, rev	3

AXLES	
Differential Front Type	Limited slip
Differential Rear Type	Limited slip
Axle Oscillation	±12°

STEERING	
Steering Hydraulic System	Large displacement steering
Steering Relief Pressure	22 MPa

BRAKES	
Service Brake Type	Wet discs 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 Time	1.6 s
Float Down Time	3.3 s
Hydraulic Cycle Time	10.5 s

LOADER ARM PERFORMANCE WITH STANDARD BUCKET 2.7 m³	
Tipping Load - Straight (ISO 14397-1:2007)	11,530 kg
Tipping Load - Full Turn (ISO 14397-1:2007)	9,600 kg
Bucket Breakout Force	142 kN
A Maximum Hinge Pin Height	3,998 mm
B Dump Clearance at Full Height Discharge	2,848 mm
C Dump Reach at Full Height Discharge	1,207 mm
D Maximum Digging Depth, Bucket Level	109 mm
S_1 Rollback at Ground Level	45 °
S_2 Bucket Rollback at Carry	49 °
S_3 Bucket Rollback at Maximum Height	62 °
S_4 Maximum Dump Angle at Full Height	45 °

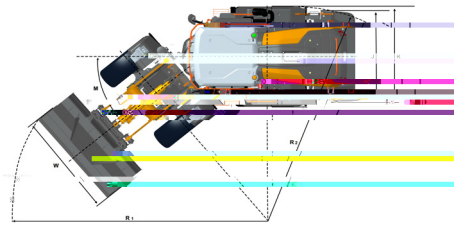
BUCKET PERFORMANCE	
Reference Bucket	2.5~5.0 m³

DIMENSIONS	
E Ground Clearance	414 mm
G Wheelbase	3,100 mm
H Cab Height	3,382 mm
J Wheel Tread	2,150 mm
K Width over Tires	2,670 mm
L Length with Bucket Down	7,924 mm
M Turn Angle, Either Side	40 °
P Rear Angle of Departure	28 °
R_1 Turning Radius, Bucket Carry	6,360 mm
R_2 Turning Radius, Outside of Tire	5,647 mm
W Width over Bucket	2,920 mm

TIRES	
Tire Size	20.5R25

OPERATING WEIGHTS	
Operating Weight	16,500 kg

SERVICE CAPACITY	
Fuel Tank	240 L
Engine Oil	20 L
DEF Tank	35 L
Cooling System	44 L
Hydraulic System	154 L
Transmission and Torque Converter	40 L
Axles, Front/Rear	50 L / 48 L



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10/2025 Designed by LiuGong
Replace the previous versions of 09/2025

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.