



Engine	Cummins QSB5.9
Rated Power	125 kW (168 hp / 170 ps) @ 2,200 rpm
Operating Weight	13,900 kg
Standard Bucket Size	2.3 m ³
Standard Breakout Force	135 kN
Standard Dump Clearance	2,986 mm

842T WHEEL LOADER

TOUGH WORLD. TOUGH EQUIPMENT.

842T SPECIFICATIONS >>>

ENGINE

Emission Regulation	Tier 3 / Stage III
Manufacturer	Cummins
Model	QSB5.9
Rated Power	125 kW (168 hp / 170 ps) @ 2,200 rpm
Peak Torque	750 N·m @ 1,200-1,600 rpm
Displacement	5.9 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	40 km/h
Maximum Travel Speed, rev	29.1 km/h
Number of Speed, fwd	4
Number of Speed, rev	3

AXLES

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

STEERING

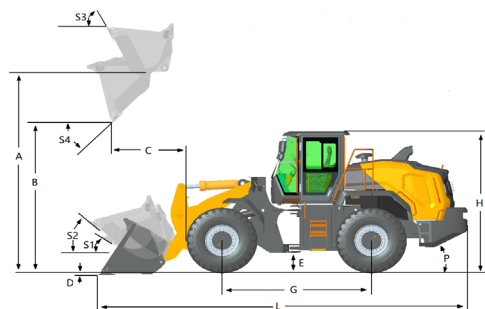
Steering Hydraulic System	Load sensing hydraulic steering
Steering Relief Pressure	17.2 MPa

BRAKES

Service Brake Type	Caliper disc brake
Service Brake Actuation	Air over hydraulic
Parking Brake Type	Drum
Parking Brake Actuation	Mechanical

HYDRAULIC SYSTEM

Main Pump Type	Gear
Main Relief Pressure	19 MPa
Raise	4.9 s
Dump Time	1.1 s
Float Down Time	3.1 s
Hydraulic Cycle Time	9.1 s



LOADER ARM PERFORMANCE WITH STANDARD BUCKET 2.3 m³

Tipping Load - Straight (ISO 14397-1:2007)	10,200 kg
Tipping Load - Full Turn (ISO 14397-1:2007)	8,700 kg
Bucket Breakout Force	135 kN
A Maximum Hinge Pin Height	3,998 mm
B Dump Clearance at Full Height Discharge	2,986 mm
C Dump Reach at Full Height Discharge	955 mm
D Maximum Digging Depth, Bucket Level	38 mm
S ₁ Rollback at Ground Level	42 °
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	2.3-4.0 m³
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DIMENSIONS

E Ground Clearance	388 mm
G Wheelbase	3,000 mm
H Cab Height	3,340 mm
J Wheel Tread	1,950 mm
K Width over Tires	2,470 mm
L Length with Bucket Down	7,691 mm
M Turn Angle, Either Side	40 °
P Rear Angle of Departure	28 °
R ₁ Turning Radius, Bucket Carry	6,094 mm
R ₂ Turning Radius, Outside of Tire	5,478 mm
W Width over Bucket	2,756 mm

TIRES

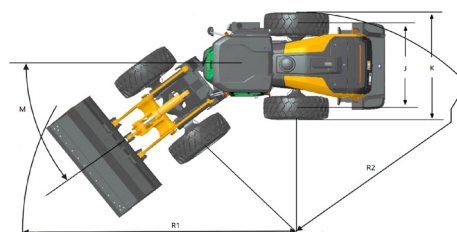
Tire Size	20.5-25 PR16 L-3 TT
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OPERATING WEIGHTS

Operating Weight	13,900 kg
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SERVICE CAPACITY

Fuel Tank	190 L
Engine Oil	16.3 L
Cooling System	30 L
Hydraulic System	145 L
Transmission and Torque Converter	40 L
Axles, each	32 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 horsepower (1 kW=1.3596 ps and 1 kW=1.3410 hp) in this file.

03/2025 Designed by LiuGong
Replace the previous versions of 10/2024