

Engine	Cummins 6LT9.3
Gross Power	162 kW (217 hp) @ 2,000 rpm
Net Power	149 kW (199 hp) @ 2,000 rpm
Operating Weight	16,900 kg
Standard Bucket Size	3.7 m ³
Standard Breakout Force	138 kN
Standard Dump Clearance	2,900 mm

855H WHEEL LOADER



TOUGH WORLD. TOUGH EQUIPMENT.

855H SPECIFICATIONS >>>

ENGINE

Emission Regulation	Tier 2 / Stage II
Make	Cummins
Model	6LT9.3
Gross Power	162 kW (217 hp) @ 2,000 rpm
Net Power	149 kW (199 hp) @ 2,000 rpm
Peak Torque	890 N · m
Displacement	9.3 L
Number of Cylinder	6
Aspiration	Turbocharged

TRANSMISSION

Transmission Type	Planetary type, power shift
Torque Converter	Double stage, four elements
Maximum Travel Speed, fwd	39 km/h
Maximum Travel Speed, rev	16.5 km/h
Number of Speed, fwd	2
Number of Speed, Rev	1

AXLES

Differential Front Type	Conventional
Differential Rear Type	Conventional
Axle Oscillation	±11°

STEERING

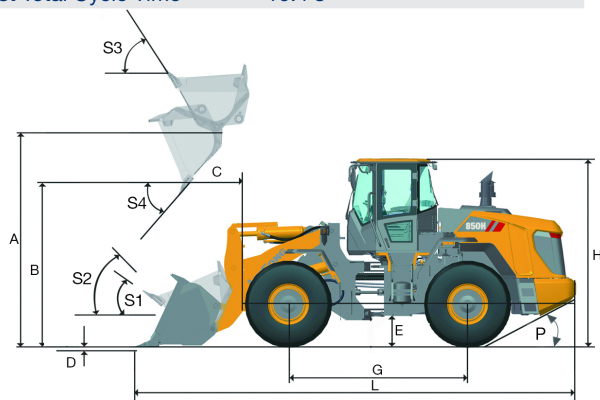
Steering Configuration	Articulated
Steering Relief Pressure	14 MPa

BRAKES

Service Brake Type	Caliper disc brake
Service Brake Actuation	Air over hydraulic
Parking Brake Type	Flexible shaft control
Parking Brake Actuation	Mechanical

HYDRAULIC SYSTEM

Main Pump Type	Gear
Main Relief Pressure	18 MPa
Raise	5.9 s
Dump Time	1.5 s
Float Down Time	3 s
Fastest Total Cycle Time	10.4 s



LOADER ARM PERFORMANCE with Bucket 3.7 m³

Tipping Load - Straight according to ISO 14397-1:2007	10,800 kg
Tipping Load - Full Turn according to ISO 14397-1:2007	9,400 kg
Bucket Breakout Force	138 kN
A Maximum Hinge Pin Height	4,508 mm
B Dump Clearance at Full Height Discharge	2,900 mm
C Dump Reach at Full Height Discharge	1,310 mm
D Maximum Digging Depth, Bucket Level	92 mm
S ₁ Bucket Rollback at Ground Level	45°
S ₂ Bucket Rollback at Carry	49°
S ₃ Bucket Rollback at Maximum Height	61°
S ₄ Maximum Dump Angle at Full Height	48°

BUCKET PERFORMANCE

Reference Bucket	2.6 - 5.2 m³
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DIMENSIONS

E Ground Clearance	472 mm
G Wheelbase	3,250 mm
H Cab Height	3,450 mm
J Wheel Tread	2,150 mm
K Width Over Tires	2,750 mm
L Length with Bucket Down	8,340 mm
M Turn Angle, Either Side	38°
P Rear Angle of Departure	27°
R ₁ Turning Radius, Bucket Carry	6,904 mm
R ₂ Turning Radius, Outside of Tire	6,103 mm
W Overall width	3,200 mm

TIRES

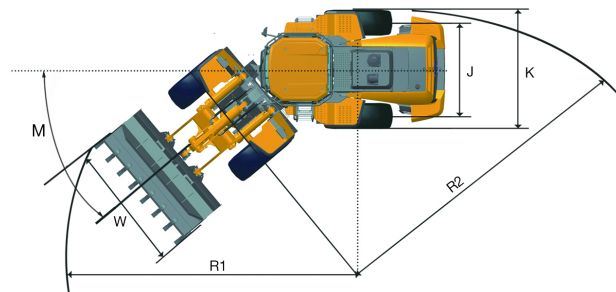
Tire Size	23.5 - 25
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OPERATING WEIGHTS

Operating Weight	16,900 kg
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SERVICE CAPACITY

Fuel Tank	300 L
Engine Oil	22 L
Cooling System	42 L
Hydraulic System	160 L
Transmission and Torque Converter	45 L
Axles, Front/Rear	33 L / 33 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.