



Engine	Cummins 6LT9.3
Gross Power	162 kW (217 hp / 220 ps) @ 2,000 rpm
Net Power	149 kW (200 hp / 202 ps) @ 2,000 rpm
Operating Weight	18,145 kg
Standard Bucket Size	3.0 m ³
Standard Breakout Force	148 kN
Standard Dump Clearance	4,272.5 mm

855H WHEEL LOADER

855H SPECIFICATIONS >>>

ENGINE

Emission Regulation	Tier 2 / Stage II
Manufacturer	Cummins
Model	6LT9.3
Gross Power	162 kW (217 hp / 220 ps) @ 2,000 rpm
Net Power	149 kW (200 hp / 202 ps) @ 2,000 rpm
Peak Torque	986 N · m @ 1,300 rpm
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	40 km/h
Maximum Travel Speed, rev	16.6 km/h
Number of Speed, fwd	2
Number of Speed, Rev	1

AXLES

Differential Front Type	Conventional
Differential Rear Type	Conventional
Axle Oscillation	±10°

STEERING

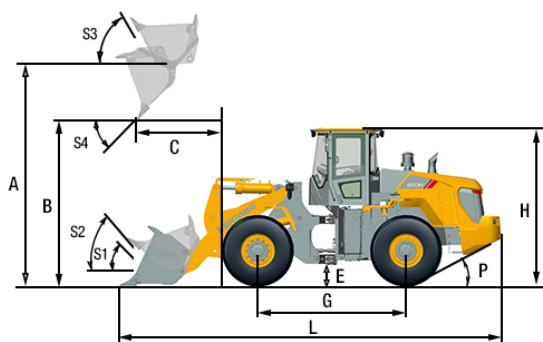
Steering Configuration	Flow amplifying
Steering Relief Pressure	18 MPa

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	18 MPa
Raise	5.8 s
Dump Time	1.5 s
Float Down Time	3.0 s
Fastest Total Cycle Time	10.3 s



LOADER ARM PERFORMANCE with Standard Bucket 3.0 m³

Tipping Load - Straight (ISO 14397-1:2007)	8,363 kg
Tipping Load - Full Turn (ISO 14397-1:2007)	6,591 kg
Bucket Breakout Force	148 kN
A Maximum Hinge Pin Height	4,114 mm
B Dump Clearance at Full Height Discharge	4,272.5 mm
C Dump Reach at Full Height Discharge	1,429 mm
D Maximum Digging Depth, Bucket Level	222 mm
S ₁ Bucket Rollback at Ground Level	45°
S ₂ Bucket Rollback at Carry	49°
S ₃ Bucket Rollback at Maximum Height	58°
S ₄ Maximum Dump Angle at Full Height	40°

BUCKET PERFORMANCE

Reference Bucket	3.0 m ³
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DIMENSIONS

E Ground Clearance	431 mm
G Wheelbase	3,320 mm
H Cab Height	3,500 mm
J Wheel Tread	2,150 mm
K Width Over Tires	2,750 mm
L Length with Bucket Down	9,166 mm
M Turn Angle, Either Side	38°
P Rear Angle of Departure	30°
R ₁ Turning Radius, Bucket Carry	6,797 mm
R ₂ Turning Radius, Outside of Tire	6,200 mm
W Width Over Bucket	2,920 mm

TIRES

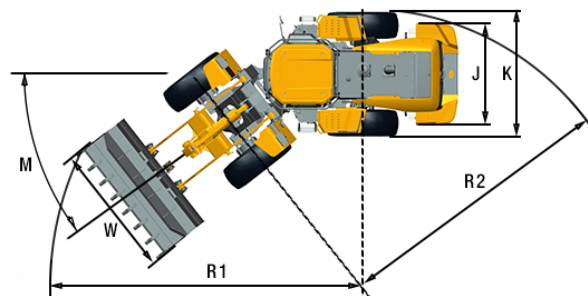
Tire Size	23.5 - 25
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OPERATING WEIGHTS

Operating Weight	18,145 kg
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SERVICE CAPACITY

Fuel Tank	300 L
Engine Oil	22 L
Cooling System	42 L
Hydraulic System	225 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. Engine power kW is converted to horsepower (1 kW=1.3596 ps and 1 kW=1.3410 hp) in this file.