



<b>Engine</b>	Cummins QSL9.3
<b>Rated Power</b>	180 kW (241 hp / 245 ps) @ 2,200 rpm
<b>Net Power</b>	180 kW (241 hp / 245 ps) @ 2,200 rpm
<b>Operating Weight</b>	20,636 kg
<b>Standard Bucket Size</b>	4.0 m <sup>3</sup>
<b>Max Breakout Force</b>	178 kN
<b>Standard Dump Clearance</b>	3,253 mm

# 862H WHEEL LOADER

# 862H SPECIFICATIONS >>>

## ENGINE

Emission Regulation	Tier 3 / Stage III
Manufacturer	Cummins
Model	QSL9.3
Rated Power	180 kW (241 hp / 245 ps) @ 2,200 rpm
Net Power	180 kW (241 hp / 245 ps) @ 2,200 rpm
Peak Torque	1,187 N·m @ 1,300 rpm
Displacement	9.3 L
Number of Cylinder	6
Aspiration	Turbocharged & Air-to-air intercooled

## TRANSMISSION

Transmission Type	Countershaft, power shift
Torque Converter	Single stage, three elements
Maximum Travel Speed, fwd	38 km/h
Maximum Travel Speed, rev	25.9 km/h
Number of Speed, fwd	4
Number of Speed, Rev	3

## AXLES

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

## STEERING

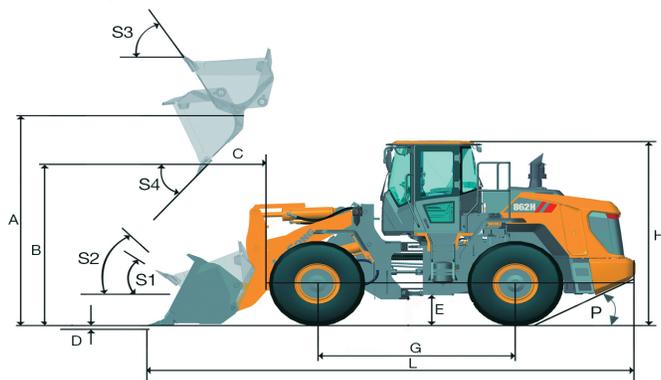
Steering Configuration	Flow Amplifying
Steering Relief Pressure	21 MPa

## BRAKES

Service Brake Type	Full hydraulic
Service Brake Actuation	Hydraulic
Parking Brake Type	Drum
Parking Brake Actuation	Electro-hydraulic

## HYDRAULIC SYSTEM

Main Pump Type	Gear
Main Relief Pressure	24 MPa
Raise	5.2 s
Dump Time	1.1 s
Float Down Time	3.0 s
Hydraulic Cycle Time	9.3 s



## LOADER ARM PERFORMANCE WITH STANDARD BUCKET 4.0 m<sup>3</sup>

Tipping Load - Straight (ISO 14397-1:2007)	17,264 kg
Tipping Load - Full Turn (ISO 14397-1:2007)	14,742 kg
Max Bucket Breakout Force	178 kN
A Maximum Hinge Pin Height	4,480 mm
B Dump Clearance at Full Height Discharge	3,253 mm
C Dump Reach at Full Height Discharge	1,122 mm
D Maximum Digging Depth, Bucket Level	89 mm
S <sub>1</sub> Rollback at Ground Level	44.3°
S <sub>2</sub> Bucket Rollback at Carry	49°
S <sub>3</sub> Bucket Rollback at Maximum Height	62.4°
S <sub>4</sub> Maximum Dump Angle at Full Height	45°

## BUCKET PERFORMANCE

Reference Bucket	3.0-6.0 m <sup>3</sup>
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## DIMENSIONS

E Ground Clearance	460 mm
G Wheelbase	3,550 mm
H Cab Height	3,253 mm
J Wheel Tread	2,280 mm
K Width Over Tires	2,880 mm
L Length with Bucket Down	8,947 mm
M Turn Angle, Either Side	38°
P Rear Angle of Departure	29°
R <sub>1</sub> Turning Radius, Bucket Carry	7,490 mm
R <sub>2</sub> Turning Radius, Outside of Tire	6,687 mm
W Width Over Bucket	3,210 mm

## TIRES

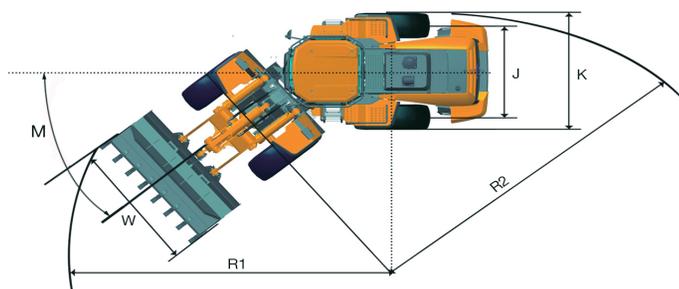
Tire Size	23.5-25 PR24 L-3 TT
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## OPERATING WEIGHTS

Operating Weight	20,636 kg
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## SERVICE CAPACITY

Fuel Tank	330 L
Engine Oil	28 L
Cooling System	35 L
Hydraulic System	273 L
Transmission and Torque Converter	35 L
Axles, Front/Rear (Each)	52/50 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.