

<b>Engine</b>	Cummins 6LTAA8.9
<b>Gross Power</b>	179 kW (241 hp) @ 2,200 rpm
<b>Net Power</b>	162 kW (217 hp) @ 2,200 rpm
<b>Operating Weight</b>	19,500 kg
<b>Standard Bucket Size</b>	3.5 m <sup>3</sup>
<b>Standard Breakout Force</b>	195 kN
<b>Standard Dump Clearance</b>	3,100 mm

# 862H

WHEEL LOADER



TOUGH WORLD. TOUGH EQUIPMENT.

# 862H SPECIFICATIONS >>>

ENGINE	
Emission Regulation	Tier 2 / Stage II
Make	Cummins
Model	6LTAA8.9
Gross Power	179 kW (241 hp) @ 2,200 rpm
Net Power	162 kW (217 hp) @ 2,200 rpm
Peak Torque	1180 N·m
Displacement	8.9 L
Number of Cylinder	6
Aspiration	Turbocharged & Air-to-air inter-cooled

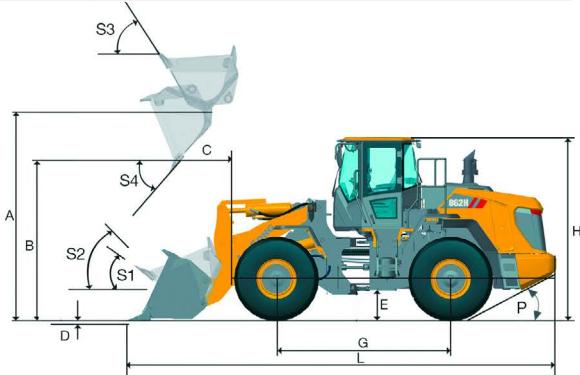
TRANSMISSION	
Transmission Type	Countershaft, power shift
Torque Converter	Single stage, three elements
Maximum Travel Speed, fwd	37 km/h
Maximum Travel Speed, rev	26 /h
Number of Speed, fwd	4
Number of Speed, Rev	3

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

STEERING	
Steering Configuration	Articulated
Steering Relief Pressure	19 MPa

BRAKES	
Service Brake Type	Wet discs brake
Service Brake Actuation	Hydraulic
Parking Brake Type	Manual air control
Parking Brake Actuation	Mechanical

HYDRAULIC SYSTEM	
Main Pump Type	Gear
Main Relief Pressure	20.7 MPa
Raise	5.7 s
Dump Time	1.3 s
Float Down Time	3 s
Fastest Total Cycle Time	10 s



## LOADER ARM PERFORMANCE with Standard Bucket 3.5 m<sup>3</sup>

Tipping Load - Straight (ISO 14397-1:2007)	16,600 kg
Tipping Load - Full Turn (ISO 14397-1:2007)	14,100 kg
Bucket Breakout Force	195 kN
A Maximum Hinge Pin Height	4,212 mm
B Dump Clearance at Full Height Discharge	3,100 mm
C Dump Reach at Full Height Discharge	1,195 mm
D Maximum Digging Depth, Bucket Level	80 mm
S <sub>1</sub> Rollback at Ground Level	43°
S <sub>2</sub> Bucket Rollback at Carry	48°
S <sub>3</sub> Bucket Rollback at Maximum Height	63°
S <sub>4</sub> Maximum Dump Angle at Full Height	45°

## BUCKET PERFORMANCE

Reference Bucket	3.0-6.5 m <sup>3</sup>
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## DIMENSIONS

E Ground Clearance	431 mm
G Wheelbase	3,450 mm
H Cab Height	3,467 mm
J Wheel Tread	2,280 mm
K Width Over Tires	2,880 mm
L Length with Bucket Down	8,628 mm
M Turn Angle, Either Side	38°
P Rear Angle of Departure	27°
R <sub>1</sub> Turning Radius, Bucket Carry	7,114 mm
R <sub>2</sub> Turning Radius, Outside of Tire	6,450 mm
W Width Over Bucket	3,046 mm

## TIRES

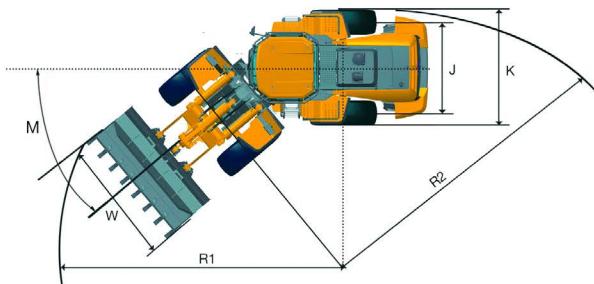
Tire Size	23.5 - 25
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## OPERATING WEIGHTS

Operating Weight	19,500 kg
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## SERVICE CAPACITY

Fuel Tank	330 L
Engine Oil	22 L
Cooling System	52 L
Hydraulic System	280 L
Transmission and Torque Converter	35 L
Axles, Each	41 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.

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