

Engine	Cummins 6LTAA8.9-C240
Gross Power	179 kW (243 hp) @ 2,200 rpm
Net Power	161 kW (219 hp) @ 2,200 rpm
Operating Weight	19,500 kg
Standard Bucket Size	3.5 m ³
Standard Breakout Force	195 kN
Standard Dump Clearance	3,100 mm

862H

WHEEL LOADER



TOUGH WORLD. TOUGH EQUIPMENT.

862H SPECIFICATIONS >>>

ENGINE	
Emission Regulation	Tier 2 / Stage II
Make	Cummins
Model	6LTAA8.9-C240
Gross Power	179 kW (243 hp) @ 2,200 rpm
Net Power	161 kW (219 hp) @ 2,200 rpm
Peak Torque	1124 N·m
Displacement	8.9 L
Number of Cylinder	6
Aspiration	Turbocharged & Air-to-air intercooled

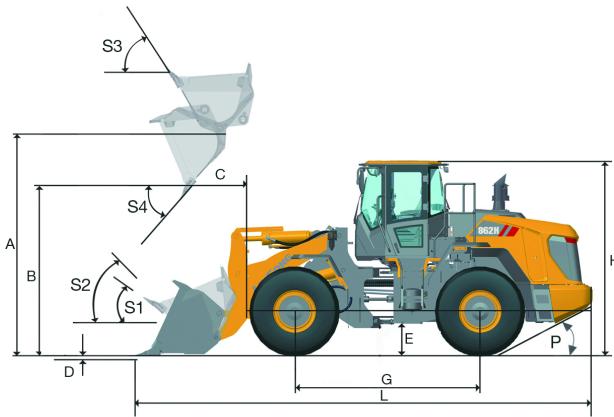
TRANSMISSION	
Transmission Type	Countershaft, power shift
Torque Converter	Single stage, three elements
Maximum Travel Speed, fwd	38 km/h
Maximum Travel Speed, rev	27 km/h
Number of Speed, fwd	4
Number of Speed, Rev	3

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

STEERING	
Steering Configuration	Articulated
Steering Relief Pressure	19 MPa

BRAKES	
Service Brake Type	Caliper discs brake
Service Brake Actuation	Air over hydraulic
Parking Brake Type	Manual pneumatic 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	
Tipping Load - Straight	16,600 kg
Tipping Load - Full Turn	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 ₁ Rollback at Ground Level	43°
S ₂ Bucket Rollback at Carry	48°
S ₃ Bucket Rollback at Maximum Height	63°
S ₄ Maximum Dump Angle at Full Height	45°

BUCKET PERFORMANCE	
Reference Bucket	3.0-6.5 m ³

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 ₁ Turning Radius, Bucket Carry	7,114 mm
R ₂ Turning Radius, Outside of Tire	6,450 mm

TIRES	
Tire Size	23.5 - 25

OPERATING WEIGHTS	
Operating Weight	19,500 kg

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

