

Engine	Cummins Stage III
Gross Power	180 kW (241 hp) @ 2,200 rpm
Net Power	162 kW (217 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

STANDARD SPEC
WHEEL LOADER



TOUGH WORLD. TOUGH EQUIPMENT.

862H STANDARD SPECIFICATIONS >>>

ENGINE

Emission Regulation	Stage III
Make	Cummins
Model	QSL9.3
Gross Power	180 kW (241 hp) @ 2,200 rpm
Net Power	162 kW (217 hp) @ 2,200 rpm
Peak Torque	1187 N·m
Displacement	9.3 L
Number of Cylinder	6
Aspiration	Turbocharged & Air-to-air intercooled

TRANSMISSION

Transmission Type	Countershaft, power shift, ZF 203A
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°

CONTROL

Steering Configuration	Articulated
Steering Relief Pressure	19 MPa
Joystick	Single, pilot

BRAKES

Service Brake Type	Caliper disc axle
Service Brake Actuation	Hydraulic
Parking Brake Type	Manual electronic control
Parking Brake Actuation	Hydraulic

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

CAB

A/C	ROPS/FOPS FNR
Seat	Mechanical

OPTIONAL EXTRAS

Auto Lubrication
Rear View Camera
Air Suspension Seat

LOADER ARM PERFORMANCE with Standard Bucket 3.5 m³

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 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°
Valve	3 Spool

BUCKET PERFORMANCE

Reference Bucket	3.5 m ³
Bucket Attachments	Welded teeth, Quick Coupler

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
W Width Over Bucket	3,040 mm

TYRES

Tyre Size	23.5 - 25
Tyre Type	Bias, Tube

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

