



<b>Engine</b>	Cummins QSL9.3
<b>Rated Power</b>	180 kW (241 hp / 220 ps) @ 2,200 rpm
<b>Net Power</b>	180 kW (241 hp / 220 ps) @ 2,200 rpm
<b>Operating Mass</b>	21,420 kg
<b>Standard Bucket Size</b>	4 M <sup>3</sup>
<b>Standard Breakout Force</b>	175 kN
<b>Standard Dump Clearance</b>	3,225 mm

# 862H WHEEL LOADER

**TOUGH WORLD. TOUGH EQUIPMENT.**

# 862H SPECIFICATIONS >>>

ENGINE	
Emission Regulation	Stage III
Manufacturer	Cummins
Model	QSL9.3
Rated Power	180 kW (241 hp/220ps) @2,200 rpm
Net Power	180 kW (241hp/207ps) @2,200 rpm
Peak Torque	1187 Nm
Displacement	9.3 Litre
Number of cylinders	6
Aspiration	Turbocharged & Air-to-air intercooled

TRANSMISSION	
Transmission Type	Countershaft, powershift
Torque Converter	Single stage, three elements
Maximum Travel Speed, fwd	38 km/h
Maximum Travel Speed, rev	26 km/h
Number of Speed,fwd	4
Number of Speed,Rev	3

AXLES	
Differential Front Type	Common limited slip
Differential Rear Type	Common limited slip
Axle Oscillation	±10°

STEERING	
Steering Configuration	Articulated
Steering Pressure Relief	21 MPa
Joystick	Single, pilot
Steering System	Emergency

BRAKES	
Service Brake Type	Wet disc brake
Service Brake Actuation	Hydraulic
Park Brake Type	Manual electronic control
Park Brake Actuation	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 s
Fastest Total Cycle Time	9.3 s

CAB	
A/C	ROPS/FOPS FNR
Seat	Air Suspension
Fender	Full Size

LOADER ARM PERFORMANCE WITH STANDARD BUCKET 3.5 M³	
Tipping Load-Straight (ISO 14397-1:2007)	17,395 kg
Tipping Load-Full Turn(ISO 14397-1:2007)	14,895 kg
Bucket Breakout Force	175 kN
A. Maximum Hinge Pin Height	4,530 mm
B. Dump Clearance at Full Height Discharge	3,225 mm
C. Dump Reach at Full Height Discharge	1,150 mm
D. Maximum Digging Depth, Bucket Level	89 mm
S1. Bucket Roll back at Ground Level	44.3°
S2. Bucket Roll Back at Carry	49°
S3. Bucket Roll Back at Maximum Height	62.4°
S4. Maximum Dump Angle at Full Height	45°
Valve	3 Spool, mulitpurpose lines

BUCKET PERFORMANCE	
Reference Bucket	4 m³
Bucket Attachments	Welded teeth, Quick Coupler

DIMENSIONS	
E. Ground Clearance	460 mm
G. Wheelbase	3,550mm
H. Cab Height	3,550 mm
J. Wheel Tread	2,280 mm
K. Width Over Tyres	2,980 mm
L. Length with Bucket Down	8,849 mm
M. Turn Angle, Either Side	38°
P. Rear Angle of Departure	29°
R1. Turning Radius, Bucket Carry	7,450mm
R2. Turning Radius, Outside of Tyre	6,650 mm

TYRES	
Tyre Size	23.5R25
Tyre Type	Radial

OPERATING WEIGHT	
Operating Weight	21,500 kg
Counter Weight	Additional 500kg

SERVICE CAPACITY	
Fuel Tank	330 L
Engine Oil	26 L
Cooling System	36 L
Hydraulic system	273 L
Transmission and Torque Converter	35 L
Axles, Front/Rear	52L/50 L

INCLUSIONS	
Auto lubrication	
Rear view Camera	