



Engine	Cummins6LTAA8.9
Rated Power	179KW(240hp/243ps @2,200rpm
Rated Net Power	168 kW (225 hp / 228 ps) @ 2,200 rpm
Operating Weight	20,000kg
Standard Bucket Capacity	40m ³
Bucket Breakout Force	180 kN
Dumping Clearance	3,303 mm

862H

Wheel Loader

For extreme working conditions,
robust equipment

engine	
Emission standards	Phase Two
Manufacturer	Cummins
model	6LTAA8.9
Rated power	179 kW (240 hp / 243 ps) @ 2,200 rpm
Rated net power	168 kW (225 hp / 228 ps) @ 2,200 rpm
Maximum torque	1,180 N·m
Displacement	8.9 L
Number of cylinders	6
intake method	Supercharged Intercooler

gearbox	
Gearbox type	Fixed-axis power shift
Torque converter	Single-stage, three-element
Maximum speed, forward	35 km/h
Maximum speed, backward	25.9 /h
forward gear	4
Reverse gear	3

drive axle	
Front axle differential	conventional
Rear axle differential	conventional
Drive axle oscillation	±10°

Steering system	
Steering configuration	Hinged
Steering pressure	21 MPa

Braking system	
Service Braking Type	clamp type
Service brake drive	Gas cap oil
Parking Braking Type	Drum
Parking brake drive	Manual pneumatic control

Hydraulic system	
Main pump type	Gear pump
Main valve overflow pressure	24 MPa
Lifting time	5.2 s
Uninstall time	1.1 s
Floating descent time	3 s
Three items and	9.3 s

Performance parameters	
For straight overturning load (ISO 14397-1:2007)	16,800 kg
All-steering rollover load(ISO 14397-1:2007)	14,200 kg
Bucket digging force	180 kN
A Maximum height of bucket bottom pin	4,530 mm
B Maximum height unloading height	3,303 mm
C Maximum height unloading distance	1,052 mm
D Maximum excavation depth (with bucket leveled)	72 mm
S1Ground position upturn corner	44.3°
S2 U pward corner of the transport locatio	49°
S3Maximum position upturn corner	62.4°
S4Maximum height bucket tilt angle	45°

Bucket	
Bucket capacity	3.0-6.0 m³

size	
E ground clearance	410 mm
G wheelbase	3,550 mm
H Overall height	3,550 mm
J Wheelbase	2,280 mm
K Width, outer side of wheel	2,980 mm
L Overall length, bucket placed on the ground	8,740 mm
M Steering angle, each side	38°
P Departure angle	27°
R ₁ Turning radius, outside of bucket	7,490 mm
R ₂ Turning radius, outer edge of tire	6,650 mm
W Wide, outer side of the bucket	3,216 mm

tire	
Tire size	26.5-25-28PR/TTL-3

Work quality	
Work quality	20,000 kg

capacity	
Fuel tank capacity	330 L
Oil tank capacity	28 L
Cooling system	35 L
Hydraulic system	273 L
gearbox and torque converter	35 L
Drive axle, each side	43 L

