

OPTIMISING PERFORMANCE

OPERATOR EFFICIENCY | FUEL ECONOMY | MAINTENANCE



MADE FOR AUSTRALIAN CONDITIONS



WHEEL LOADER
XC938AS

Product Specifications

OPERATING WEIGHT
14,000 kg

RATED POWER
119 kW / 2200 rpm

BUCKET CAPACITY
2.1m³

ENGINE
Cummins QSB5.9

XC938AS

Wheel Loader

DIMENSIONS & SPECIFICATIONS



Scan to view the XC938AS product brochure

MAIN SPECIFICATIONS

MODEL

Operating Weight	14000 kg
Rated Load	3500 kg
Bucket Capacity	2.1 m ³
Max. Digging Force	125 kN
Max. Tipping Load:	
Steering	7020 kg
Straight	8000 kg

ENGINE

Type	Cummins QSB5.9
	6 cylinder, inline four-stroke turbocharged, air-to-air intercooled, electronically controlled common rail
Max. Power	119 kW @ 2200 rpm
Peak Torque	720 Nm @ 1500 rpm
Displacement	5.9 L

AXLES

Drive System	Four-wheel drive
Front Axle	Fixed
Rear Axle	Oscillation angle 12°
Hub Reduction	Wheel-side planetary speed reducer
Differential:	
Front	Common differential (limited slip optional)
Rear	Common differential

SERVICE REFILL CAPACITIES

Fuel Tank	220 L
Cooling System	40 L
Engine Oil	20 L
Transmission	38 L
Front Axle	30 L
Rear Axle	30 L
Hydraulic Tank	95 L
Hydraulic System (Including tank)	202 L

HYDRAULIC SYSTEM

Type	Variable pressure hydraulic system
Pump	Piston pump
Control Valve	3 multi-way valve
System Pressure	18 Mpa
Lift Circuit	Yes
Tilt Circuit	Yes
Cylinder:	
Lift	2-125 x 737 mm
Tilt	1-140 x 719 mm
Cycle Time (rated load):	
Lift	5.5 s
Lower	3.5 s
Tipping	2.5 s
Total	11.5 s

STEERING SYSTEM

Type	Coaxial, flow-amplified
Pump	Variable displacement pump
Rated Oil Capacity	64 L/min
System Pressure	180 bar
Cylinder	Double acting
Steering Angle	40° both right and left angle
Features	Centre-point frame articulation Tilt and telescopic steering column

NOISE

Exterior sound power level at cooling fan max. speed	105 dB
Operator sound pressure level	73 dB
Exterior sound power level	103 dB

TRANSMISSION

4 Speed Transmission	Full automatic transmission
Travel Speed FWD	7/13/24/38 km/h
Travel Speed RVS	7/14/25 km/h
Brake Distance	Less than 11 m

DIMENSIONS & WORKING SCOPE

A	Height: Top of exhaust pipe	3207 mm
B	Top of cab	3401 mm
C	Top of warning light	3689 mm
D	Ground Clearance	391 mm
E	Wheel Base	3000 mm
F	Overall Length (Without bucket)	6536 mm
G	Transportation Length (Bucket flat on ground)	8132 mm
H	Pivot Height :	
	Flat bucket	470 mm
I	Max. lifting	4050 mm
J	Lift Arm Clearance (Max. lifting)	3445 mm
K	Dumping Clearance (Max. lifting and 45° dumping)	2890 mm
L	Dumping Reach (Max. lifting and 45° dumping)	1201 mm
M	Dumping Angle (Max. lifting and dumping)	45°
N	Rollback Angle:	
	Ground	43°
	Carry	48°
O	Tyre Radius:	
	Outside	5414 mm
P	Inside	2896 mm
Q	Overall Width	2450 mm
R	Wheel Track	1930 mm
S	Digging Depth	80 mm
T	Max. Lift Height	5446 mm
U	Turning Radius (Outside of bucket)	6160 mm
V	Gradeability	28°
W	Bucket Width	2550 mm
X	Steering Angle	40°

