

DESIGNED FOR
EXPERIENCE
BUILT FOR
PERFORMANCE



MADE FOR AUSTRALIAN CONDITIONS



WHEEL LOADER

XC948AS

Product Specifications

OPERATING WEIGHT

17,000 kg

RATED POWER

142 kW / 2200 rpm

BUCKET CAPACITY

3m³

ENGINE

Cummins QSB6.7

XC948AS

Wheel Loader

DIMENSIONS & SPECIFICATIONS



Scan to view the XC948AS product brochure

MAIN SPECIFICATIONS

MODEL

Operating Weight	17000 kg
Bucket Capacity	3 m ³
Rated Load	4500 kg
Tipping Load (Full Turn)	9100 kg

ENGINE

Type	Cummins QSB6.7
	Vertical, water-cooled, turbocharged, electronically controlled
Rated Power	142 kW @ 2200 rpm
Max. Torque	931 Nm @ 1400 rpm
Displacement	6.7 L

TRANSMISSION

Model	4BP190
Type	Fully automatic transmission
Travel Speed:	
Forward	7/13/24/36 km/h
Reverse	7/13/24 km/h

AXLES

Wheel Reduction Ratio	30.52:5
Min. Ground Clearance	381 mm
Drive Type	Four-wheel drive
Front Axle	Fixed
Rear Axle	Central oscillation ±12°
Wheel Hub Reduction	Wheel side planetary reduction
Differential Type:	
Front	Limited slip differential
Rear	Open differential

WORKING HYDRAULIC SYSTEM

Type	Load-sensing hydraulic system
Pump	Variable piston pump
Max. Flow	272 L/min
Control Valve	3-spool pilot control valve
System Pressure	23 MPa
Cylinder:	
Lift (Qty x Bore x Stroke)	2 × Ø140 × 737 mm
Tilt (Qty x Bore x Stroke)	1 × Ø160 × 719 mm

STEERING HYDRAULIC SYSTEM

Type	Coaxial Flow Amplified Steering System
Pump Type	Variable Displacement Axial Piston Pump
Rated Flow	64 L/min
Number of Hydraulic Cylinders	2
System Pressure	18 MPa
Max. Steering Angle	40°

BRAKE SYSTEM

Type	Dual-circuit hydraulic brake
Parking Brake	Hydraulic caliper brake

DIMENSIONS & WORKING SCOPE

A	Height: Top of exhaust pipe	3190 mm
B	Top of cab	3495 mm
C	Top of warning light	3640 mm
D	Ground Clearance	410 mm
E	Wheel Base	3050 mm
F	Overall Length (Without bucket)	6536 mm
G	Transportation Length (Bucket flat on ground)	7882 mm
H	Height to Hinge Pin: Level Position	520 mm
I	Max. Lift	3969 mm
J	Dumping Clearance (Max. lifting)	1336 mm
K	Dumping Clearance (Max. lifting and 45° dumping)	2750 mm
L	Reach (Max. lifting and 45° dumping)	1290 mm
M	Dumping Angle (Max. lifting, stopped)	45°
N	Bucket Rollback Angle	42°
O	Turning Radius: Outside of tyre	5458 mm
P	Inside of tyre	2913 mm
U	Overall Width (Outside of tyre)	2545 mm
Q	Tread Width	2020 mm
R	Digging Depth	60 mm
S	Max. Dumping Height	5485 mm
T	Turning Radius (Outside of bucket)	5930 mm
V	Departure Angle	30°
W	Bucket Width	2996 mm
X	Steering Angle	40°

