

INTELLIGENT OPERATION

OPERATOR EFFICIENCY | FUEL ECONOMY | MAINTENANCE



MADE FOR AUSTRALIAN CONDITIONS



WHEEL LOADER **XC998**

Product Specifications

OPERATING WEIGHT
30,500 kg

RATED POWER
277 kW / 2100 rpm

BUCKET CAPACITY
5.4m³

ENGINE
Cummins X12CS3375

XC998

Wheel Loader

DIMENSIONS & SPECIFICATIONS



Scan to view the XC998 product brochure

MAIN SPECIFICATIONS

MODEL

Operating Weight	30500 kg
Rated Load	9000 kg
Bucket Capacity	5.4 m ³
Bucket Breakout Force	260 kN
Tipping Load:	
Straight	≥23020 kg
Full-steering	≥19500 kg

ENGINE

Type	Cummins X12CS3375
	6 cylinder, inline, EFI, turbocharged, high pressure common rail
Rated Power	277 kW @ 2100 rpm
Max. Power	336 kW @ 1800 rpm
Peak Torque	1898 Nm @ 1200-1600 rpm
Displacement	11.8 L

AXLES

Actuation System	Four-wheel actuation
Front Axle	Fixed
Rear Axle	Oscillation angle 13°
Hub Reduction	Wheel-side planetary speed reducer
Differential	Front: differential locking Rear: common differential
Speed Ratio	27

REFILL CAPACITIES

Fuel Tank	420 L (tank capacity 460 L)
Cooling System	62 L
Engine Oil	34 L
Transmission	64 L
Front Axle	54 L
Rear Axle	54 L
Hydraulic Tank	160 L (tank capacity 180 L)
Hydraulic System (Including tank)	350 L

HYDRAULIC SYSTEM

Type	Full variable hydraulic system
Pump	Piston pump
Rated Displacement	130+110 L/min
Control Valve	Electrically controlled, two-way, multi-tandem valve
System Pressure	26 MPa
Lift Circuit	Yes
Tilt Circuit	Yes
Hydraulic Oil:	
Lift	2-190 x 885 mm
Tilt	1-210 x 595 mm
Lift Duration	≤6.5 s
Total Cycle Time	≤11.5 s

STEERING SYSTEM

Type	Flow amplified, load-sensitive, articulated steering
Pump	Piston pump
Rated Displacement	110 L/min
System Pressure	21 MPa
Cylinder	Dual steering cylinder
Steering Angle	±40°
Features	Centre closed structure

NOISE

Exterior sound power level at cooling fan max. speed	115 dB(A)
Operator sound pressure level	75 dB(A)
Exterior sound power level	115 dB(A)

TRANSMISSION

4 Speed Transmission	4WG310
	Electro-hydraulically controlled fixed-shaft shift
Travel Speed FWD	6.5/11.5/24.5/35
Travel Speed REV	6.5/11.5/24.5
Brake Distance	≤13 m

DIMENSIONS & WORKING SCOPE

A	Transportation Length (Bucket flat on ground)	9560 mm
B	Overall Length (Without bucket)	7995 mm
C	Wheel Base	3700 mm
D	Min. Ground Clearance	480 mm
Z	Height: Top of exhaust pipe	3715 mm
E	Top of cab	3730 mm
F	Cab roof lug	3770 mm
G	Top of warning light	3950 mm
L	Max. Lift Height	6430 mm
K	Pivot Height (Max. lifting)	4600 mm
J	Lift Arm Clearance (Max. lifting)	3985 mm
N	Dumping Angle (Max. lifting and dumping)	45°
H	Dumping Height (Max. lifting and 45° dumping)	3370 mm
M	Dumping Reach (Max. lifting and 45° dumping)	1340 mm
T	Digging Depth	80 mm
I	Pivot Height (Transport position)	550 mm
O1	Rollback Angle: Ground	42°
O2	Transport Position	48.5°
O3	Highest Position	60°
R	Steering Angle	40°
a1	Turning Radius: Outside of bucket	7495 mm
a3	Centre of outside tyre	6760 mm
a2	Tyre Radius: Outside	6350 mm
a4	Inside	5910 mm
X	Wheel Track	2460 mm
Y	Overall Width	3350 mm
V	Gradeability	≥25°
W	Bucket Width	3430 mm

