

**BROOKS**  
EQUIPMENT



# EXCELLENCE IN CONSTRUCTION

OPERATOR EFFICIENCY | FUEL ECONOMY | MAINTENANCE



MADE FOR AUSTRALIAN CONDITIONS



## WHEEL LOADER **XC958**

Product Specifications

OPERATING WEIGHT

**19,600 kg**

RATED POWER

**164 kW / 2200 rpm**

BUCKET CAPACITY

**3.5m<sup>3</sup>**

BATTERY

**Cummins QSB6.7**

# XC958

## Wheel Loader

### DIMENSIONS & SPECIFICATIONS



Scan to view the XC958 product brochure

#### MAIN SPECIFICATIONS

##### MODEL

Operating Weight	19600 kg
Rated Load	5300 kg
Bucket Capacity	3.5 m <sup>3</sup>
Bucket Breakout Force	170 kN
Tipping Load:	
Straight	≥12000 kg
Full	≥10600 kg

##### ENGINE

Type	Cummins QSB6.7 Inline 6 cylinder, air-to-air intercooled, electronically controlled common rail
Rated Power	164 kW / 2200 rpm
Max. Power	172 kW / 2000 rpm
Peak Torque	949 Nm / 1500 rpm
Displacement	6.7 L

##### AXLES

Drive System	Four-wheel drive
Front Axle	Fixed
Rear Axle	Oscillation angle 12°
Hub Reduction	Wheel-side planetary speed reducer
Differential	Front: limited slip differential
Reduction Ratio	22.848

##### REFILL CAPACITIES

Fuel Tank	300 L
Cooling System	45 L
Engine Oil	22 L
Transmission	45 L
Front Axle	55 L
Rear Axle	55 L
Hydraulic Tank	200 L
Hydraulic System (Including tank)	260 L

##### HYDRAULIC SYSTEM

Type	Fixed variable
Pump	Gear pump + variable displacement piston pump
Rated Oil Quantity	396 L/min
Control Valve	3 multi-way valve
System Pressure	230 bar
Lift Circuit	Yes
Tilt Circuit	Yes
Cylinder:	Lift 2-160 x 775 mm Tilt 1-180 x 535 mm
Cycle Time (Rated load):	Dump (Max. raise) ≤1.5 s Total ≤12 s

##### STEERING SYSTEM

Type	Flow-amplified, load sensitive
Pump	Fixed displacement pump
Rated Oil Quantity	220 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	111 dB
Operator sound pressure level	76 dB
Exterior sound power level	106 dB

##### TRANSMISSION

4 Speed Transmission	4BP210
	Fully-automatic electric control box
Travel Speed:	FWD 6.5/13/24/36.4 km/h REV 7.1/13.6/24.9 km/h
Brake Distance	≤11 m

##### DIMENSIONS & WORKING SCOPE

Height:	Top of exhaust pipe 3340 mm Top of cab 3475 mm Top of warning light 3680 mm
Ground Clearance	425 mm
Wheel Base	3350 mm
Overall Length (Without bucket)	7075 mm
Transportation Length (Bucket flat on ground)	8610 mm
Pivot Height :	Flat bucket 560 mm Max. lifting 4150 mm
Lift Arm Clearance (Max. lifting)	3560 mm
Dumping Clearance (Max. lifting and 45° dumping)	2805 mm
Dumping Reach (Max. lifting and 45° dumping)	1515 mm
Dumping Angle (Max. lifting and dumping)	45°
Rollback Angle:	Ground 42° Carry 46°
Tyre Radius:	Outside 6040 mm Inside 3190 mm
Width (Outside of tyres)	2850 mm
Wheel Track	2250 mm
Digging Depth	90 mm
Max. Lift Height	5795 mm
Turning Radius (Outside of bucket)	6850 mm
Gradeability	28°
Bucket Width	2996 mm
Steering Angle	40°

