

**BROOKS**  
EQUIPMENT



*DESIGNED FOR*  
**EXPERIENCE**  
*BUILT FOR*  
**PERFORMANCE**



**MADE FOR AUSTRALIAN CONDITIONS**



**WHEEL LOADER**  
**XC948**

Product Specifications

OPERATING WEIGHT  
**16,500 kg**

RATED POWER  
**142 kW / 2200 rpm**

BUCKET CAPACITY  
**3.0m<sup>3</sup>**

BATTERY  
**Cummins QSB6.7**

# XC948

## Wheel Loader

### DIMENSIONS & SPECIFICATIONS



Scan to view the XC948 product brochure

#### MAIN SPECIFICATIONS

##### MODEL

Operating Weight	16500 kg
Rated Load	4500 kg
Bucket Capacity	3.0 m <sup>3</sup>
Bucket Breakout Force	120 kN
Tipping Load:	
Straight over	10000 kg
Full-steering over	9000 kg

##### ENGINE

Type	Cummins QSB6.7
	6 cylinder, inline four-stroke turbocharged, air-to-air intercooled, electronically controlled common rail
Max. Power	149 kW @ 2200 rpm
Rated Power	142 kW @ 2200 rpm
Peak Torque	800 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 reduction ratio)	4.94
Differential	Front: limited slip Rear: common differential
Reduction Ratio	22.848

##### REFILL CAPACITIES

Fuel Tank	220 L
Cooling System	30 L
Engine Oil	20 L
Transmission	30 L
Front Axle	35 L
Rear Axle	35 L
Hydraulic Reservoir	150 L
Hydraulic System (Including tank)	180 L

##### HYDRAULIC SYSTEM

Type	Quantitative system
Pump	Gear pump
Control Valve	3 multi-way valve
System Pressure	230 bar
Lift Circuit	Yes
Tilt Circuit	Yes
Cylinder:	
Lift	2-140 x 760 mm
Tilt	1-150 x 535 mm
Cycle Time:	
Raise from Carry Position	5.5 s
Dump at Max. Raise	3.5 s
Lower/ Empty/ Float Down	1 s
Total	10 s

##### STEERING SYSTEM

Type	Flow-amplified, load sensitive
Pump	Fixed displacement pump
Rated Oil Capacity	237 L/min
System Pressure	210 bar
Cylinder	Double acting
Steering Angle	40° both right and left angle
Features	Centre-point frame articulation Tilt and telescopic steering column

##### NOISE

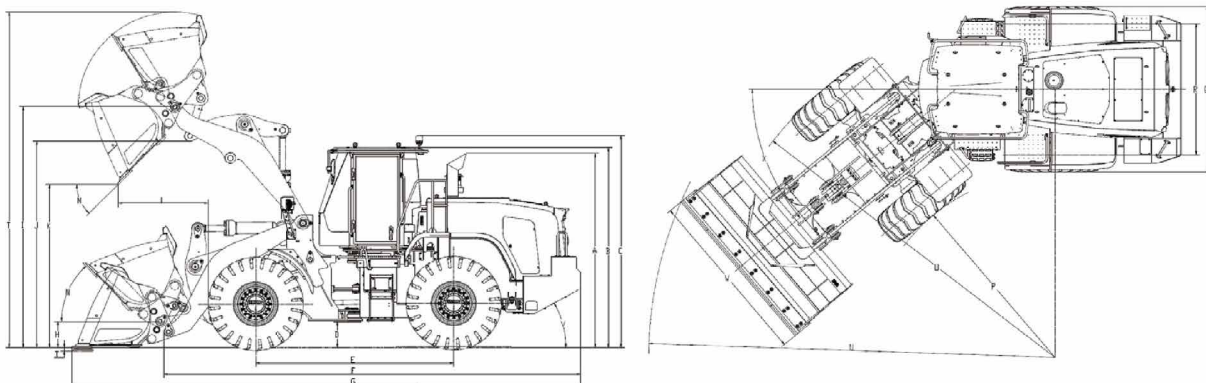
Exterior sound power level at cooling fan max. speed	107 dB
Operator sound pressure level	72 dB
Exterior sound power level	105 dB

##### TRANSMISSION

4 Speed Transmission	4BP190
	Fully-automatic electric control box
Travel Speed FWD	8/15/26/38
Travel Speed RVS	8/15/26
Brake Distance	Less than 11 m

##### DIMENSIONS & WORKING SCOPE

Height:		
Top of exhaust pipe		3190 mm
Top of cab		3405 mm
Top of warning light		3640 mm
Ground Clearance		410 mm
Wheel Base		3050 mm
Overall Length (Without bucket)		6536 mm
Transportation Length (Bucket flat on ground)		7882 mm
Pivot Height :	Flat bucket	520 mm
	Max. lifting	3969 mm
Lift Arm Clearance (Max. lifting)		3356 mm
Dumping Clearance (Max. lifting and 45° dumping)		2750 mm
Dumping Reach (Max. lifting and 45° dumping)		1290 mm
Dumping Angle (Max. lifting and dumping)		45°
Rollback Angle:	Ground	42°
	Carry	46°
Tyre Radius:	Outside	5458 mm
	Inside	2913 mm
Width of Tyres (Unloaded)		2545 mm
Wheel Track		2020 mm
Digging Depth		60 mm
Max. Lift Height		5485 mm
Turning Radius (Outside of bucket)		5930 mm
Gradeability		30°
Bucket Width		2996 mm
Steering Angle		40°



Materials and specifications in this brochure are subject to change without notice. Please speak with a Brooks Equipment Sales Representative for specifications of the physical unit.