

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

3.5m³

BATTERY

Cummins QSB6.7

Built for tough Aussie conditions.



PRODUCT HIGHLIGHTS

- The XCMG XC958 wheel loader makes full use of XCMG's extensive international R&D capabilities to integrate global technology and manufacture completely independent designs.
- As a result, the XC958 front end loader is uniquely comfortable, durable, reliable and efficient – as well as being simple to maintain. Renowned worldwide for its performance and value for money, the XC958 18 tonne loader is the ideal solution for customers seeking a versatile solution for any application or industry.
- Equipped with a Tier 3 emission Cummins QSB6.7 engine, ZF 4BP210 automatic transmission, XCMG high performance wet axle and full hydraulic wet brake system, the entire loader offers significant reliability, efficiency, comfort and control.

MACHINE WALKAROUND

ENGINE

Cummins QSB6.7

POWER TRAIN

Transmission F4/R3
Torque converter
Transmission oil level inspection
Transmission oil cooler

AXLE

Front: limited slip differential
Rear: conventional type

BRAKE

Service brake (enclosed wet disc)
Parking brake

HYDRAULIC SYSTEM

Bucket lift limit
Automatic bucket limiting
Diagnostic pressure fittings
Hydraulic oil cooler
Hydraulic oil level gauge
Stabiliser module system
Extra piping for additional functions
Automatic lubrication system

LCD DISPLAY

Parking brake
FWD/RVS
Fuel tank indicator (fuel tank level)

*Optional inclusion

Hour meter

CABIN

ROPS & FOPS
Tiltable and telescopic steering column
Tinted safety glass
Radio/ USB player
24V to 12V DC converter (20 A)
AC and heating
Wiper and washer (constant speed)
FNR gear
Power cut-off
Emergency steering
Reverse camera
One brake pedal
Dual brake pedals*

LIGHTING

2 headlights
1 LED dome light
2 rear combination lights (RVS, turn, position, brake)
6 LED working lights (2 front roof, 2 rear roof, 2 rear hood)

WORKING DEVICE

3.5m³ quick blade bucket
3.1m³ quick reinforced tooth bucket*
3.2m³ quick blade bucket*
4.0m³ quick blade bucket*
Tyres: 23.5R25, L3

GAUGES

Engine coolant temperature
Fuel level
Engine tachometer
Engine oil pressure gauge

SAFETY FEATURES

Emergency stop
Emergency steering
Rear view camera
Fire extinguisher*
Boom safety bar
Handrails/ ladders/ platforms/ steps

OTHER

Intake preheating
Fuel tank cap lock
Electric horn
Tool kit
ECD (electronic connection diagnostics)
Rear + auxiliary display*
Fenders (front/ rear)
Under guard (E/G, T/M)*
Mudguard*
Counterweight
Counterweight (heavy duty)*
Traction bar with pin*



EXCELLENCE IN CONSTRUCTION

TOP TIER WORKING CONDITIONS

XCMG's XC958 wheel loader is designed to perform and built to last. Its large radiator and low speed fan can adjust speed according to the heat dissipation requirements to quickly reach the best working condition, while also reducing energy consumption and noise pollution.

SOUNDPROOFED ENCLOSED CABIN

ROPS and FOPS certified cabin is durable and robust to handle severe impact, ensuring your safety and peace of mind while operating. Heavy duty structural parts are robot welded to ensure quality, with framework constructed using rectangular profiled tubes and floor integrated welding. The cab is equipped with micro-pressurisation technology, effectively isolating external dust.

WIDE FIELD OF VIEW

The design of the cab features an attractive appearance, spacious interior, and wide field of vision. A reverse camera ensures vision from all angles.

INTELLIGENT DASHBOARD

The XC958 contains a digital combination metre, so the operator can easily check the loader's running status of the engine, transmission, etc.

AIR SUSPENSION SEAT & ARMRESTS

Fully adjustable, high performance, shock-absorbing seats. Softness and hardness can be altered, as well as the angle. Armrest box and seat can be adjusted together, while also independently adjusting the handle position.

WEIGHING SYSTEM

Optional weighing system which multiple accounts and products can be set to, to facilitate the adoption of different working conditions.

STEERING LIMIT

The steering system is equipped with hydraulic soft-limit function; reducing the rigid impact when steering, for a smooth and comfortable experience.

AIR CONDITIONING

Cooling and heating AC system, featuring all-round air outlets for comfortable temperature control. Equipped with an electric water valve for easy operation.

SIMPLE CONTROLS

The easy command-based controls, automatic position restriction, buffering function, jog, level and lift automatic levelling makes the operator's work easier and more enjoyable.



EXCELLENCE IN CONSTRUCTION

PERFORMANCE, RELIABILITY & VALUE

CUMMINS ENGINE

The XC958 wheel loader uses the Cummins QSB6.7 engine (Euro 3 emission certified), giving the XC958 the power to work through complex working conditions with exceptional reliability.

HYDRAULIC SYSTEM

Variable load sensing hydraulic system with a breakout force up to 175kN, provides on-demand distribution of fuel during steering and operation.

TRANSMISSION

Fully automatic large capacity torque converter ZF 4BP210 transmission, reduces shifting impact while travelling and working in various conditions.

STABILISER MODULE

The stabiliser module effectively absorbs the impact of the working device cylinders during transportation; improving the overall stability of the machine.

IMPROVED EFFICIENCY

Pilot control lever with FNR shifting function minimises operation motions for greater working efficiency, improved travel, and better load retention.

HEAT MANAGEMENT

The large radiator and low speed fan can adjust speed according to the heat dissipation requirements to quickly reach the best working condition, while also reducing energy consumption and noise pollution.

OPTIMUM EFFICIENCY

With a fully automatic torque converter with two working modes, the XC958 helps the operator reach optimum efficiency quickly and easily.

HEAVY DUTY STRUCTURE

The XC958 has an ultra heavy duty load frame design to ensure a strong structure, high load carrying capacity, extended machine life and performance.

BRAKING SYSTEM

Wet axle and fully hydraulic wet brake system is maintenance free, and meets high working load requirements with exceptional reliability.

FUEL EFFICIENCY

A load sensing hydraulic system and adjusting operation condition, improves fuel efficiency and provides longer uninterrupted operation.

BUCKET FEATURES

3.1m³ quick hitch bucket with cutting edge, made from wear-resistant and impact-resistant high strength steel plate.

"A really friendly group of people with a huge range of equipment."

Alan Hall - Brooks Equipment Customer



EXCELLENCE IN CONSTRUCTION

DESIGNED TO PERFORM, BUILT TO LAST

EXTERIOR SAFETY

The ladders, passageway, operation platform, exit access and rotating beacon all comply with the safety standards of ISO 2867 and ISO 2860, ensuring your operating safely.

INTERIOR SAFETY

The cabin's interior is made from flame retardant materials, includes a fire extinguisher (optional), air conditioning with exceptional air flow, and delivers a highly dust-proof operating environment.

VISIBILITY PLUS

In addition to the 360-degree visibility offered by the XC958's panoramic window design, front and rear work lights are also included as standard.

EMERGENCY STOPS

Emergency stop buttons are located inside and outside of the cab, facilitating engine shut-down in case of emergency.

CONVENIENCE

The upturned back cover and side-turn cab displays a single row of large tonne radiators with a sizeable maintenance window for near effortless check-ups.

FULLY OPENABLE HOOD

Large-angle, rear tilting hood, allows for easy access to the engine, radiator, transmission filter, and other components, for easy maintenance.



MAINTENANCE ACCESS

Ladders on the front and rear frames, counterweights, oil extraction and drain devices, and pressure measurement points ensure easy maintenance.

EASY DAILY MAINTENANCE

The remote centred lubrication and drainage pressure testing provides easy access for maintenance, keeping your machine in top shape.

SELF-CLEANING FAN

The low-speed radiator fan has an automatic reversal function for self-cleaning in high dust working environments, helping to maintain your engine and provide extended machine life longevity.

AUTOMATIC LUBRICATION

Centralised lubrication system, allows for adjustable lubrication intervals. Coupled with manual lubrication, the automatic lubrication system enhances the reliability of the system.

ENGINE CONNECTION DIAGNOSTICS

The internal ECD system facilitates engine fault diagnostics.

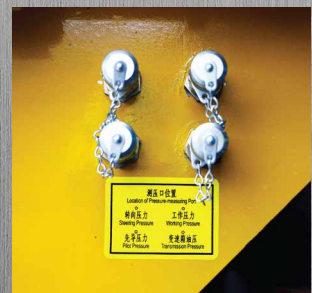
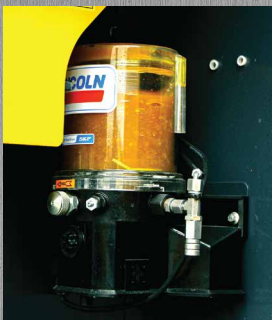
WIDE CORE & FIN RADIATOR

The radiator is designed with a plate-fin structure and an enlarged radiator core, providing a large heat dissipation area. Constructed with a modular design, replacement is easy when required.



TRUE VERSATILITY

- XC958 AT A GLANCE -



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 ³
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

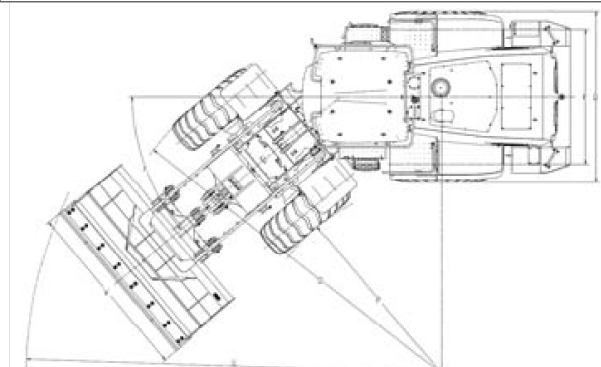
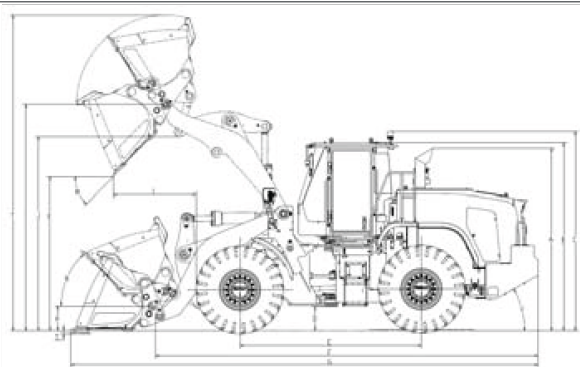
Exterior sound power level at cooling fan max. speed	111 dB
Operator sound pressure level	76 dB
Exterior sound power level	106 dB

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°



SERVICE LIKE NO OTHER



With a dedicated Field Service team of qualified HD Mechanics, and access to OEM parts, you're connected to the best after sales support for your machine's full lifetime.

QUALITY



Quality tested machines, developed and built for Australian conditions.

GUARANTEE



All of our XCMG models come with first class warranty cover.

ANY TIME



Our team of experts are available 24 hours a day, 7 days a week.



PARTS ON YOUR DOORSTEP

Access to parts and support is made easy through XCMG's Australian Technical and Service Centre.

SUPPORT FROM BRANCHES AUSTRALIA WIDE



With Brooks Equipment branches Australia-wide, you have complete coverage for support and servicing, wherever you are in the country.

BROOKS

EQUIPMENT

Discover more about your XCMG machine



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