



LIMITLESS PERFORMANCE



MADE FOR AFRICAN CONDITIONS



MINING EXCAVATOR

XE1350

Product Specifications

www.gpwafrica.co.za

OPERATING WEIGHT

121,000 kg

RATED POWER

567 kW/1800 RPM

BUCKET CAPACITY

6m³ - 7m³

ENGINE

Cummins QSK23

Built for tough Aussie conditions.



PRODUCT HIGHLIGHTS

■ Original Cummins engine ensures strong power output during high-load operation, achieving high-efficiency.

High-quality hydraulic system and hydraulic components adopt an advanced and reliable positive flow control system, providing stronger excavation capabilities.

Advanced exhaust dust extraction technology, automatically removes dust from the air filter, extending the service life of the filter element and reducing user costs.

■ Reinforced working devices, including the boom, bucket arm, and bucket, are made of high-quality and high-strength plates. The structure is optimised and analysed, built with advanced welding technology and welding equipment to ensure absolute strength.

MACHINE WALKAROUND

ENGINE

Engine emergency stop (1 inside of cab, 2 outside)
Fuel filling pump
High flow quick fill-fuel
Isolator (start motor) yellow
Pre-air-cleaner (cyclone style)
Dust-proof net
Engine oil drain coupler
Expansion tank
Fuel cooler
Fuel pre-filter with water separator
Radiator, oil cooler and intercooler
Engine turbo-timing function

HYDRAULIC SYSTEM

One way breaker hammer pipe
Boom and arm anti-drop valve
Auto power lift (power boost)
Drain filter (return hydraulic filter)
Pilot filter
Suction filter
Working mode selection for attachments
Remote jump starter

ELECTRIC SYSTEM

360° camera
Light alarm beacon lamp
Travel alarm
Isolator (battery) (red)
UHF radio (local option)
24V power source (main machine)

WORKING DEVICE

Heavy duty rock bucket 6m³
Rock bucket 7m³
Hydraulic auto-grease system

CAKIN

ISO seat bolt (two point)
Air suspension seat
Heater and A/C
Sunroof and front curtain
Quality reflective tinted glass (except windscreen)
Reinforced, tinted green glass windows
FOPs Certification and Nameplate
Cabin top guard
Cabin front guard (half/full)
Electric horn
Escape hammer
Front window washer (2 points)
Glove compartment
HandsHfree calling device (Bluetooth)
Pilot shutHoff lever/ safety lever
Windows on left side can be opened
Wide view wiper
2 speaHers
6 fluidHfilled elastic mounts
Cabin pressuriser with filter

UNDERCARRIAGE

BoltHon sprocHet
Full tracH guard
TracH (700mm double rib)
TracH undercover
Travel direction marH on tracH frame
Travel motor covers
Travel parHing braHe
Upper and lower rollers (doubleHflange lower rollers)
4 tie down hooHs

MONITORING SYSTEM

Alarms: overheat, engine warning, engine oil pressure, alternator, minimum fuel level, hydraulic filter restriction, air filter restriction, work mode
Display of meters: water temperature, hour, fuel rate, clock
Other displays: work mode, auto-idle, rear view monitor

UPPER STRUCTURES

Hand rail on top of upper frame (non-full protection type)
Extinguisher
Extinguisher racket (only cabin)
Reflective tape
Hydraulic oil level gauge/ sight glass
Lockable fuel refilling cap / tank sight glass
Platform handrail
Sidewalk (cab side)
Skid-resistant plates and handrails
Swing parking brake
Undercover
Fire suppression (local option)



INNOVATION THAT'S OPERATION THAT'S BOUNDLESS



COMPREHENSIVELY OPTIMISED SYSTEMS

Hydraulic, engine, electrical and structural systems are fully optimised to enhance overall reliability and performance.

HIGH-STRENGTH INTEGRATED STRUCTURE

Integrated cast steel components and robotic welding ensure consistent weld quality and long-term structural stability.

REDUCED STRUCTURAL STRESS

Proprietary stress-relief technology lowers average structural stress by 12-15%, and by up to 32% on the bucket arm, extending service life.

REINFORCED UNDERCARRIAGE

150-tonne-class rollers, sprockets, idlers and tracks with enlarged axle diameters deliver a 30% improvement in bearing capacity.

HIGH-CLEARANCE X-TYPE CHASSIS

X-type chassis with standard H-frame and full track protection provides high strength, stability and excellent terrain passability.

HEAVY-DUTY SLEWING PLATFORM

Large double-box slewing mainframe increases load capacity by 30% for demanding applications.

HIGH-PERFORMANCE MINING ENGINE

Powerful mining engine offers strong output, low fuel consumption and a 500-hour planned maintenance interval.*

ADAPTIVE OPERATING MODES

Smart Mode automatically balances engine and hydraulic output achieving the best balance of productivity and fuel efficiency, while selectable Power Modes maximise productivity when required.

HEAVY-DUTY ROCK BUCKET

Standard 8m³ rock bucket delivers 5% higher digging force and 10% greater output for demanding excavation work.

LONG-LIFE BUCKET DESIGN

Optimised bucket profile with GPa-grade high-strength wear plates ensures extended service life in mining applications.

INTEGRATED HAULING COMPATIBILITY

Optimised to work seamlessly with XCMG 90-100 tonne mining trucks, significantly improving loading efficiency.

WIDE APPLICATION CAPABILITY

Multiple operating modes, bucket options and attachments enable use across a broad range of working conditions.

* When maintained in accordance with XCMG operating guidelines.

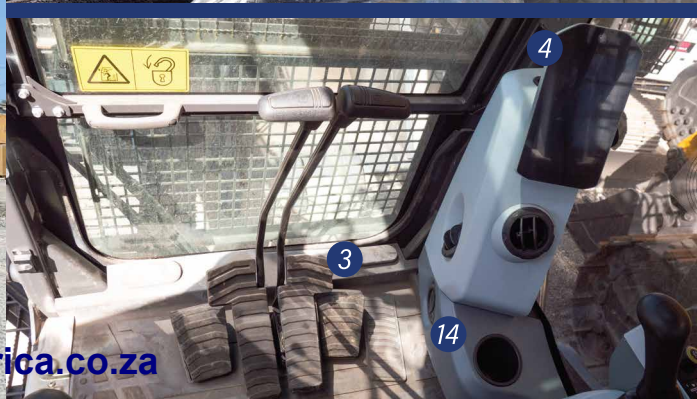
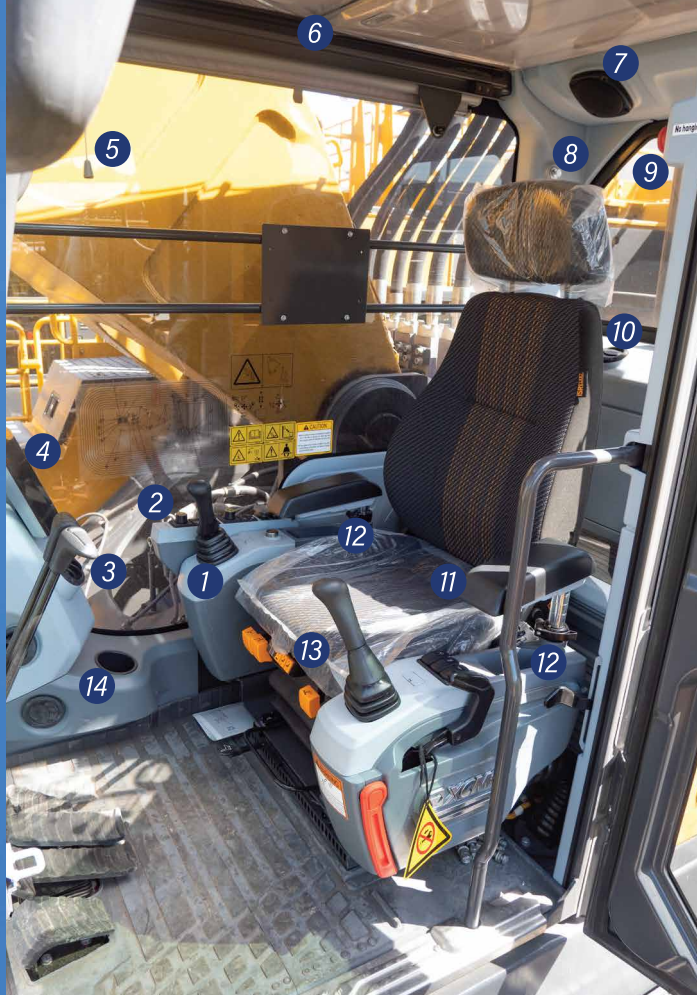


DESIGNED FOR THE OPERATOR

The premium cab features a modern layout with durable, soft-touch materials, an ergonomic suspension seat for reduced fatigue, and optional full-height panoramic glazing for excellent visibility.

An enhanced wiper system improves glass coverage by 80% for clearer views in poor conditions, while improved cab sealing reduces wind and engine noise. Automatic climate control maintains comfort year-round, and a clear, intuitive instrument display ensures all key operating information is visible at a glance.

- 1 Hydr. piloted joystick
- 2 Operator controls
- 3 Travel levers and pedals
- 4 Colour LCD monitor
- 5 Shade curtain
- 6 Roof skylight
- 7 Speakers
- 8 Coat hook
- 9 Emergency stop
- 10 All-around air vents
- 11 Adjustable arm support
- 12 Storage compartment
- 13 Adjustable seat
- 14 Cup holder
- 15 Start/ stop switch
- 16 DC12V/ 10A
- 17 Wiper washer fluid refill
- 18 Escape hammer



ADVANCED SAFETY & CONVENIENT MAINTENANCE

DESIGNED TO PERFORM & BUILT TO LAST

360° SAFETY MONITORING

Optional 360-degree panoramic camera and operator safety management systems enhance site awareness.

HIGH-INTENSITY WORK LIGHTING

Multi-point matrix headlamp design expands illumination range for safer night-time operation.

SPACIOUS MAINTENANCE ACCESS

20% more service space with wide side walkways and central access fitted with safety doors.

LOW MAINTENANCE COSTS

Improved oil filler access and centralised filter replacement simplify routine servicing.

AUTOMATIC LUBRICATION SYSTEM

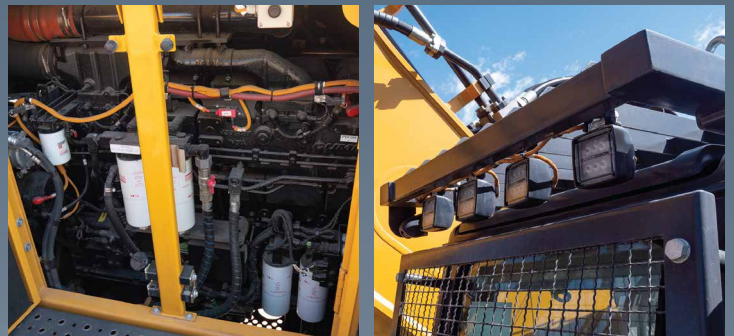
Standard single-line automatic lubrication system holds up to 27 kg of grease, reducing downtime.

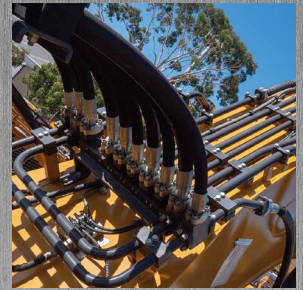
EFFICIENT AIR FILTRATION

High-efficiency cyclone air filter protects the engine and lowers filter maintenance requirements.

VERSATILE ATTACHMENT OPTIONS

Compatible with face shovels, backhoes, rock arms, long-reach attachments and electric drive solutions.





XE1350

MINING EXCAVATOR

DIMENSIONS & SPECIFICATIONS



MAIN SPECIFICATIONS

ENGINE

Model	Cummins QSK23
Direct Injection	Yes
Four Strokes	Yes
Water Cooling	Yes
Turbo-charging	Yes
Air to Air Intercooler	Yes
No. of Cylinders	6
Output Power	567/1800 kW/rpm
Torque/Speed	3468/1350 Nm
Displacement	23.15 L

MAIN PERFORMANCE

Travel Speed (H/L)	3.5/2.4 km/h
Rotating Speed	5.2 r/min
Gradeability	35°
Ground Pressure	152 kPa
Bucket Digging Force	630 kN
Arm Crowd Force	520 kN
Maximum Traction	746 kN

HYDRAULIC SYSTEM

Rated Flow of Main Pump	3x531 L/min
Pressure of Prime Valve	34.3 MPa
Pressure of Travel System	34.3 MPa
Pressure of Swing System	28 MPa
Pressure of Pilot System	4.1 MPa

OIL CAPACITY

Fuel Tank Capacity	1460 L
Hydraulic Tank Capacity	640 L
Engine Oil Capacity	75 L

DIMENSIONS

A Overall Length	14770 mm
B Overall Width	5540 mm
C Overall Height	6190 mm
D Width of Platform	3490 mm
E Length of Crawler	6500 mm
F Overall Width of Chassis	4980 mm
G Width of Crawler	700 mm
H Track Length on Ground	5090 mm
I Crawler Gauge	3900 mm
J Clearance Under Counterweight	1870 mm
K Min. Ground Clearance	1070 mm
L Min. Tail Swing Radius	4920 mm
M Height of Crawler	1710 mm
Operating Weight	121000 kg

WORKING SCOPE

A Max. Digging Height	12580 mm
B Max. Dumping Height	8080 mm
C Max. Digging Depth	8200 mm
D 8-Inch Horizontalplane Digging Depth	8010 mm
E Max. Vertical Wall Digging Depth	5400 mm
F Max. Digging Reach	13940 mm
G Min. Swing Radius	6780 mm
H Max. Ground Digging Reach	13470 mm

STANDARD

Length of Boom	7600 mm
Length of Arm	3400 mm
Bucket Capacity	6m ³ - 7m ³

