



POWER MEETS PRECISION

MADE FOR AUSTRALIAN CONDITIONS



TELESCOPIC BOOM LIFT **XGS22K**

Product Specifications

OPERATING WEIGHT
12,460 kg

RATED POWER
36 kW / 2600 rpm

WORKING HEIGHT
22 m

ENGINE
Kubota V2403BM

Built for tough Aussie conditions.



MACHINE WALKAROUND

ENGINE

Pre-air-cleaner cyclone style
Dust-proof nrt on cover panel
Engine oil drain coupler
Expansion tank
Fuel cooler
Fuel pre-filter with water separator
Radiator, oil cooler and intercooler

HYDRAULIC SYSTEM

Drain filter (return hydraulic filter)
Pilot filter
Suction filter
Main control valve connection assembly
Power unit assembly
Joint fitting of oil filter
Luffing cylinder
Steering cylinder
Hydraulic oil tank
Telescopic cylinder
Oscillating cylinder
Emergency pump
Cylinder balance valve
Curved arm cylinder
Level cylinder
Travel retarder

ELECTRIC SYSTEM

Boarding control assembly
Heat-resistant and antistatic rubber
Power switch
Acoustic device

Relay

Controller
Limit switch
Detector switch
Angle detection device
Double channel pressure sensors
Walking handle
Dual shaft handling handle
Foot switch
Turntable horizontal sensor
Weighing sensor

WORKING DEVICE

Primary work platform
Anti-extrusion device
Toolbox
Articulated arm*
Telescopic arm
Lower slide
Pin
Self-lubricating bearing
Half height mesh platform*
Platform anti-squeezer assist rail*
Mechanical anti-extrusion device*
Tool tray*
Aircraft protection device*
Air hose connection to platform*
AC power cable connection to platform*
Work light assembly*

UNDERCARRIAGE

Car body structure

PRODUCT HIGHLIGHTS

- The XCMG Australia XGS22K Boom Lift is engineered for dynamic material handling in warehouse and industrial settings.
- An innovative straight-arm, self-propelled mobile lifting work platform with excellent performance, efficiency, powerful drive and easy operation.
- With robust strength and advanced features, it ensures precise and efficient elevation.
- With a maximum load capacity of 460kg, the XGS22K is the industry leader in working height and range, meeting the needs of large loads and working surfaces.

Cover plate

Wheel hub suite
Solid tie assembly
Steering knuckle
4 tie-down points
Solid tyres*

MONITORING SYSTEM

Warning and alarm system
Overheating
Engine warning
Engine oil pressure
Alternator
Minimum fuel level
Display:

- Water temperature
- Hour
- Fuel level
- Clock
- Work mode
- Working parameter

OTHER

Working alarm
Platform power*
Compressed air hose*
Maintenance and Operating Manuals
Operator protection alarm*
Fall protection kit*

*Optional inclusion

CLASS-LEADING PERFORMANCE

DESIGNED TO PERFORM | BUILT TO LAST

Engineered for performance, safety, and reliability, the XCMG XGS22K straight boom lift sets a new benchmark in its class. Designed to handle demanding job sites with ease, it combines innovative technology, robust construction, and user-centric features to deliver superior operational efficiency.

UNMATCHED LOAD CAPACITY IN ITS CLASS

With a maximum load capacity of 460kg, the XGS22K leads its metre class. It provides industry-best working height and outreach, making it ideal for carrying heavy loads and offering expansive working platforms when the job demands more.

COMPACT STORAGE AND EASY TRANSPORT

The boom structure incorporates a double-linked tower boom, three-section telescopic boom, and a fly jib, enabling the lowest stowed height in its class for a straight-arm self-propelled lift. This compact design ensures easy transport and more convenient on-site storage.

SUPERIOR STABILITY AND OFF-ROAD CAPABILITY

Using synchronised lift technology, the boom dynamically adjusts the machine's centre of gravity to enhance overall stability. Combined with a four-wheel drive system, off-road wide tyres, and an axle balancing system, the XGS22K is built to tackle tough terrain with confidence.

INTELLIGENT LOAD MONITORING AND EXTENDED SERVICE LIFE

Multi-load envelope control technology provides real-time load monitoring, optimising the boom's load-handling efficiency. A self-balancing extension mechanism increases operational safety and extends the lifespan of the wire rope, making the XGS22K a long-term investment in reliability.

ADVANCED CONTROL SYSTEM FOR SMARTER OPERATION

The electrical system utilises distributed PLC and CAN bus technology, supporting functions such as automatic levelling, platform load weighing, dynamic monitoring, and fault detection. These intelligent features help ensure smooth and safe operation on every job.

NEAT, DURABLE HYDRAULIC LAYOUT

Featuring a predominantly rigid pipe hydraulic system, the XGS22K maintains a clean, organised layout that reduces the risk of hose wear and potential failure. This not only improves machine reliability but also reduces downtime.



TRUE VERSATILITY

- XGS22K AT A GLANCE -



XGS22K

Telescopic Boom Lift

DIMENSIONS & SPECIFICATIONS

BROOKS
EQUIPMENT



Scan to view the XGS22K
product brochure

MAIN SPECIFICATIONS

POWER SOURCE

Engine Type	Kubota V2403BM-DI-CTO4e (Stage III)
Engine Power Rating	36 kW @ 2600 rpm
Power Source	12V DC proportional control

WEIGHT

Total Machine Weight	12,460 kg
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TYRES

Tyre Specifications	36x14-20; 355/55D625
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DIMENSIONS

Overall Length	
a Stowed, in Operation	10.08 m
Transport, Short Arm Folded Down	9.85 m
b Overall Width	2.49 m
c Overall Height	2.53 m
d Wheelbase	2.5 m
Platform Size	2440 mm x 900 mm x 1150 mm
Min. Ground Clearance	230 mm
Max Tail Swing (Stowed)	1310 mm
Turning Radius	
Inside	3.28 m
Outside	6 m

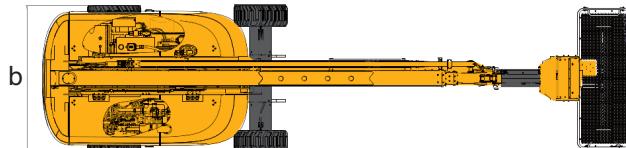
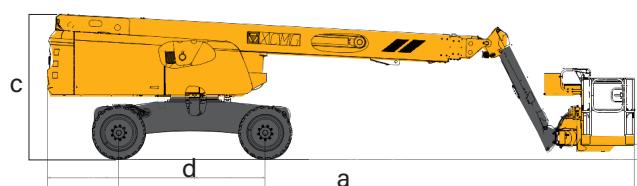
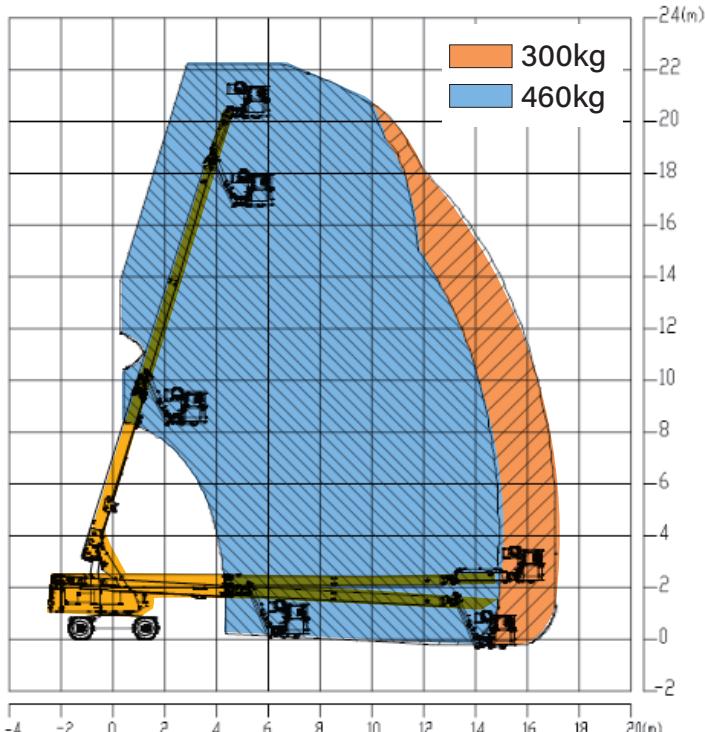
FLUID CAPACITIES

Fuel Tank Capacity	150 L
Hydraulic Tank Capacity	120 L

WORKING SCOPE

Max. Working Height	22 m
Max. Platform Height	20 m
Horizontal Reach / Working Radius	17.2 m
Load Capacity of Extended Platform	300 / 460 kg (Limited)
Boom Luffing Range	-3° to +73°
Fly Jib Luffing Range	-65° to +70°
Turntable Rotation Angle	360°
Platform Rotation Angle	160°
Max. Travel Speed	
Stowed	6.3 km/h
Extended	0.6 km/h
Max. Gradeability:	
Counterweight End Up	45% (24°)
Counterweight End Down	30% (17°)

WORK CURVE GRAPH



SERVICE LIKE NO OTHER



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.

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.



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.

Discover more about your XCMG machine



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