

HIGH-PERFORMANCE COMPACTION



MADE FOR AUSTRALIAN CONDITIONS



VIBRATORY ROLLER

XS185S

XS185PD

Product Specifications

OPERATING WEIGHT

18t (Smooth) 18.8t (Padfoot)

RATED POWER

142 kW / 2200 rpm

VIBRATION FREQUENCY

28/33 Hz

ENGINE

Cummins QSB5.9

BUILT FOR TOUGH AUSSIE CONDITIONS.



PRODUCT HIGHLIGHTS

- The XCMG XS185S combines a high-performance hydraulic drive system with a powerful 340 kN vibratory force to deliver fast, efficient and consistent compaction across a wide range of applications.
- Its dual-frequency, dual-amplitude vibration system adapts to varying ground conditions for maximum productivity and compaction quality. Powered by a reliable Cummins diesel engine, the XS185S provides excellent fuel efficiency, strong climbing performance and up to 50% gradeability.
- A spacious ROPS/FOPS-certified cabin with ergonomic controls, air conditioning and excellent visibility ensures operator comfort throughout the working day. Intelligent machine diagnostics, heavy-duty construction and easy service access minimise downtime, reduce operating costs and maximise long-term reliability.

MACHINE WALKAROUND

ENGINE

Cummins QSB5.9
Throttle selector switch
Engine shut down switch
Engine emergency stop inside of cab
Isolator (start motor) yellow
Pre-air-cleaner (cyclone style)
Engine oil pan coupler
Expansion tank
Fuel pre-filter with water separator
Radiator, oil cooler and intercooler, water cooler
Electric proportional anti-slip
High oil pressure filter
Engine turbo timing function
Work mode selector: jobsite transfer mode, operating mode

CABIN

ISO seat belt (two point)
Air suspension seat
Heater and A/C
Sunroof and front curtain*
Reinforced, tinted glass windows (all glass except windscreen)
ROPS and FOPS
Electric horn
Escape hammer
Front window washer
Glove compartment*
Hands-free calling device (Bluetooth)*

*Optional inclusion

Windows on left side can be opened
Right door can be opened
Wide view wiper
2 speakers
Rubber shock absorber
Rear mirrors

ELECTRIC SYSTEM

Rear camera
Light alarm (2 rotating warning light)
White noise reversing buzzer
12V cigarette lighter hole
Isolator (battery) (red)
UHF radio*
24V power source
Electronic controlled joystick (with vibration button)
Radio

BRAKE

Emergency brake
Service brake
Parking brake

WORKING DEVICE

Wiper and water tank
Weld-on pad-foot*
No-shock exciter
Vibration frequency
Flexible mud scraper
Auto-grease system*

FRAME

Handrails on top of upper frame (non-full protection type)*
Extinguisher*
Extinguisher bracket (cabin)*
Reflective tape*
Hydraulic oil level indicator
Lockable fuel refilling cap
Skid-resistant plates and handrails
Track undercover
Travel motor covers

MONITORING SYSTEM

Alarms: overheating, engine warning, engine oil pressure, alternator, minimum fuel level, hydraulic filter clogging, air filter clogging, work mode.
Display: water temperature, hour, fuel level, clock.
Other displays: work mode, rear view monitor.

LIGHTS

LED lights for camera (side and rear-view camera), brake light, reversing light, position lights, turn signal lights, 4 working LED lights.

OTHERS

Auto fire suppression system*
Turbo timing function
Maintenance, Operation manual

CONSISTENTLY OUTSTANDING

The XCMG XS185S Single Drum Vibratory Roller combines powerful performance, outstanding durability and operator-focused comfort to maximise productivity on every job site. Designed with robust components, efficient hydraulics and simplified maintenance access, the XS185S reduces downtime, lowers operating costs and delivers a long service life.

OUTSTANDING PERFORMANCE

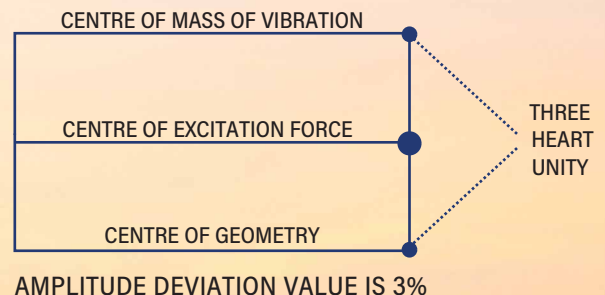
Powered by a Cummins diesel engine, the XS185S and XS185SPD deliver high torque and reliable power, in demanding operating conditions.

CONSISTENT COMPACTION

The advanced hydraulic drive system and high-performance vibration technology provide consistent, uniform compaction.

XCMG's proprietary Three-Centre Coincidence drum technology precisely aligns the drum's vibration system to maximise the transfer of compaction energy into the ground.

This delivers more consistent vibration, uniform compaction across the full drum width, reduced mechanical stress and improved operating efficiency, helping achieve higher-quality results with fewer passes.



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

Alan Hall - Brooks Equipment Customer



SUPERIOR OPERATION

POWERFUL TRACTION & CLIMBING

Built to perform in challenging terrain, the reliable Cummins diesel engine and heavy-duty drive axle with anti-slip differential, provide strong, consistent traction.

The machine offers excellent climbing capability of up to 50% gradeability and delivers efficient torque transfer on loose, uneven and sloping ground.

VIBRATION TECHNOLOGY

Dual-frequency and dual-amplitude vibration technology, allows operators to optimise machine performance for different material types and compaction requirements. With vibration forces of up to 340 kN, the machine delivers outstanding compaction depth and high productivity, achieving excellent results with fewer passes.

The ability to adjust vibration settings also ensures consistent compaction across varying ground conditions, helping contractors meet demanding project specifications while improving overall efficiency.

A VARIETY OF APPLICATIONS

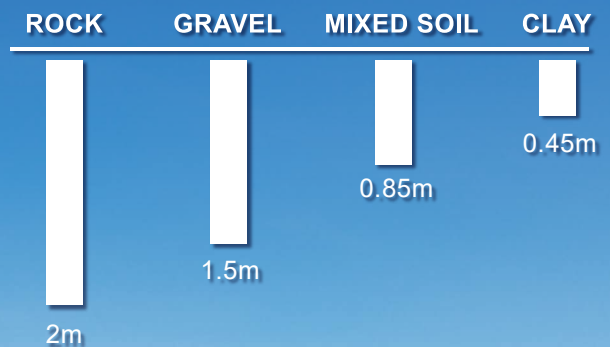
High compaction force and adaptable vibration settings enable operators to achieve excellent results across a variety of materials and site conditions.



DRIFT-SAND



GRAVEL-SOIL



SAFETY & MAINTENANCE



INTELLIGENT MONITORING

The XS185S features an intelligent fault diagnosis system that helps operators monitor machine performance and minimise unplanned downtime.

A large LCD display provides real-time information on engine operating status, machine operating parameters, fault diagnostics, maintenance reminders and service information. This enables proactive maintenance planning and helps prevent operation under fault conditions, supporting maximum machine availability.

MAINTENANCE ACCESS

Routine servicing has been simplified to maximise uptime and reduce maintenance time. A large-opening engine hood with linear lift support provides excellent access to service points and major components, while convenient one-touch hood operation from within the cabin further improves ease of maintenance.

LONG-TERM RELIABILITY

The heavy-duty, fully reinforced drum is designed for long service life, while XCMG long-life vibration bearings offer a theoretical service life of up to 10,000 operating hours.

A hardened drum surface provides excellent wear resistance, with medium hardening treatment increasing steel hardness by up to 55%, and an optional extra-hardening treatment increasing hardness by up to 140% for severe operating conditions.

Together, these robust components contribute to extended machine life and reduced maintenance costs.

LIGHTING & VISIBILITY

Four high-output LED work lights are positioned at the front and rear of the cabin, while reversing lights, direction indicators and a rotating beacon improve machine visibility and site safety.

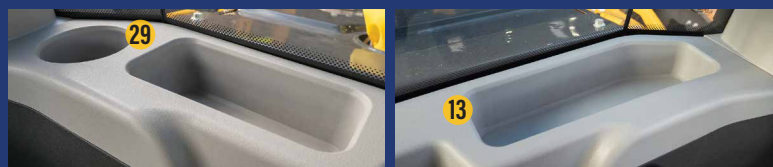
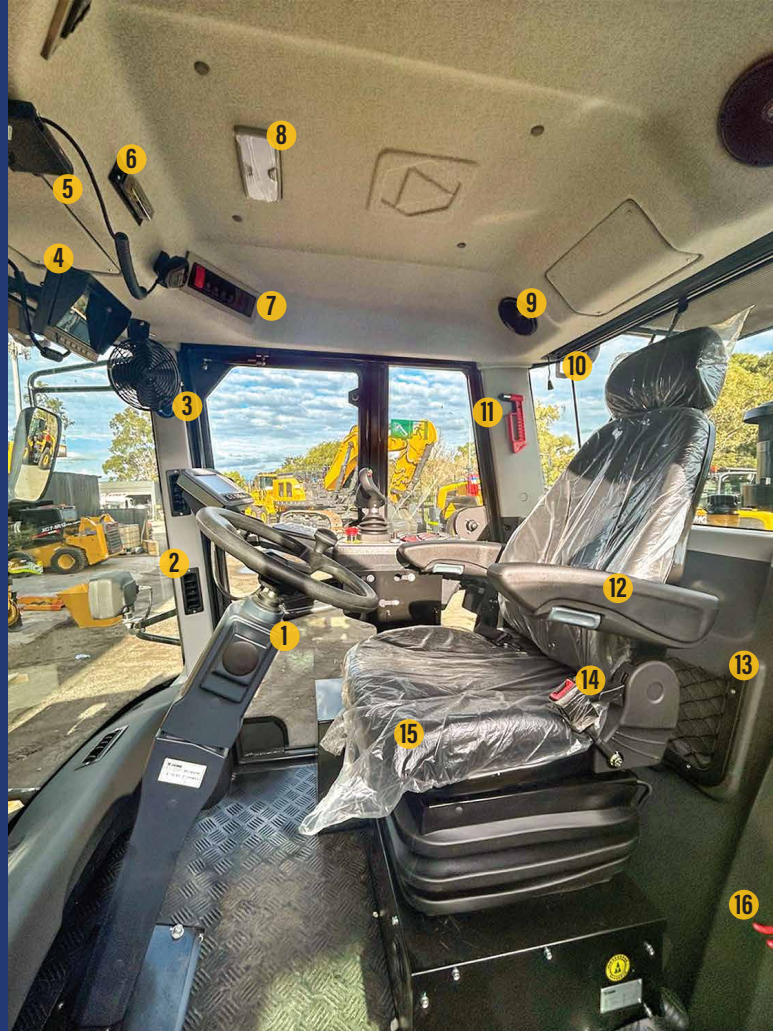


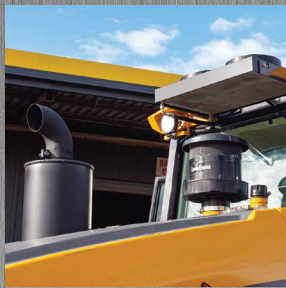
DESIGNED FOR THE OPERATOR

ENHANCED CONTROL

- The XS185S has been designed to maximise operator comfort, safety and productivity throughout the working day.
- Its spacious ROPS/FOPS-certified cabin is equipped with standard heating and air conditioning, complemented by a three-dimensional air circulation system that maintains a balanced cabin temperature.
- An adjustable air suspension seat helps minimise whole-body vibration, while effective sound insulation reduces cabin noise and operator fatigue.
- Excellent all-round visibility and a standard reversing camera further enhance safety and confidence on busy job sites.

- | | |
|------------------------------|------------------------------|
| 1 Telescopic steering handle | 16 Fire extinguisher bracket |
| 2 All-around air vents | 17 Colour LCD monitor |
| 3 Fan | 18 Drum controls |
| 4 External camera monitor | 19 Emergency stop |
| 5 UHF radio | 20 Hydr piloted joystick |
| 6 Fuse controls | 21 Speed selector |
| 7 Beacon and wiper controls | 22 Operator controls |
| 8 LED light | 23 Rearview mirror |
| 9 Speakers | 24 Radio, Bluetooth, AUX |
| 10 Rear Sunshade | 25 A/C controls |
| 11 Escape hammer | 26 Openable windows |
| 12 Adjustable arm support | 27 Key start/stop switch |
| 13 Storage compartment | 28 Coat hook |
| 14 Seat belt | 29 Cup holder |
| 15 Adjustable seat | |





XS185S/XS185SPD

Vibratory Roller

DIMENSIONS & SPECIFICATIONS

BROOKS
EQUIPMENT



Scan to view the XS185S
product listing



Scan to view the
XS185SPD product listing

MAIN SPECIFICATIONS

MODEL

Operating Weight	
Smooth	18000 kg
Padfoot	18800 kg
Front Axle Weight	
Smooth	11500 kg
Padfoot	12300 kg
Rear Axle Weight	6500 kg
Static Linear Load	
Smooth	540 N/cm
Padfoot	-

ENGINE

Model	QSB5.9
Rated Power	142 kW
Rated Speed	2200 rpm

REFILL CAPACITIES

Fuel Tank	300 L
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MANOEUVRABILITY

Operating Speed (First/ Second Gear)	
Smooth	0-10.3 km/h
Padfoot	0-11 km/h
Theoretical Gradeability	50%
Min. External Turning Radius	6900 mm
Min. Ground Clearance	490 mm
Wheelbase	3430 mm
Steering Angle	±33°
Oscillation Angle	±10°

COMPACTION

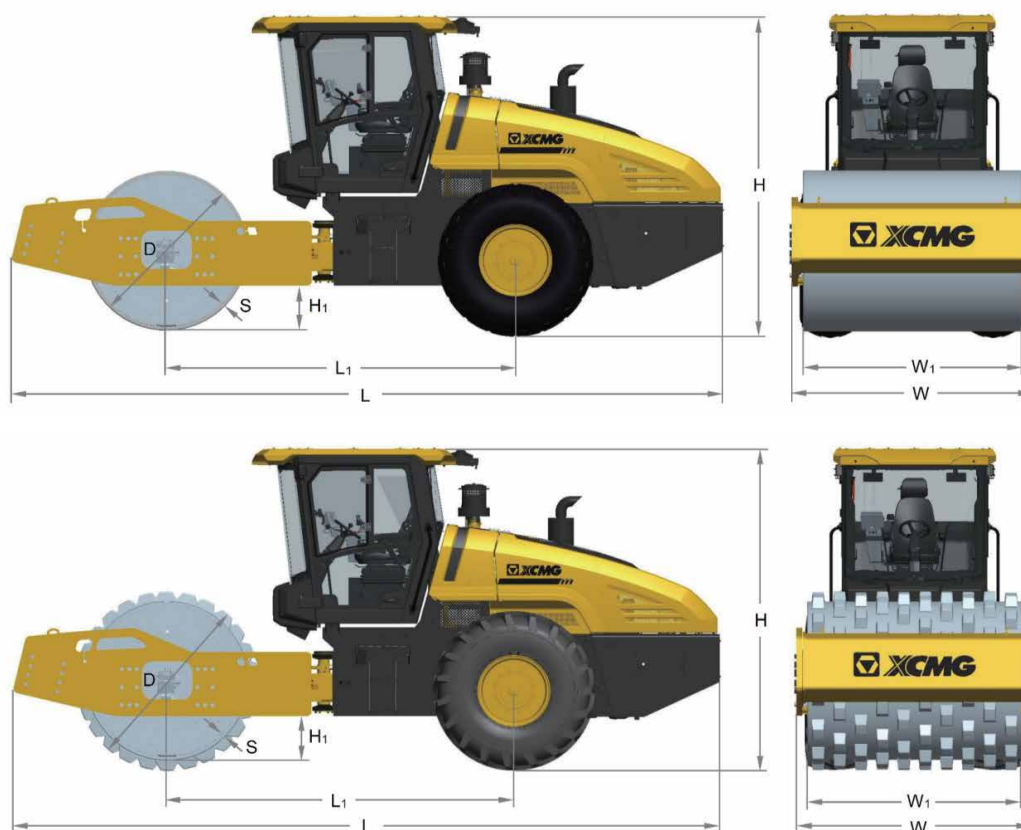
Vibration Frequency (LF/HF)	28/33 Hz
Nominal Amplitude (High/Low Amplitude)	
Smooth	1.86/0.93 mm
Padfoot	1.6/0.8 mm
Exciting Force (LF/HF)	340/240 kN
Drum Diameter	
Smooth	1523 mm
Padfoot	1735 mm
Compaction Width	2130 mm

TYRE

Spec.	
Smooth	23.1-26-12G23TL
Padfoot	23.1-26-12R1TL
Ply Rating	12
Air Pressure	
Smooth	150-170 kPa
Padfoot	170 kPa

DIMENSIONS

L	Overall Length	6990 mm
L1	Wheelbase	3430 mm
W	Total Width	2350 mm
W1	Drum Width	2130 mm
H	Total Height	3200 mm
H1	Ground Clearance	490 mm
S		36 mm
D	Drum Diameter	
	Smooth	1523 mm
	Padfoot	1735 mm



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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