

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

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

