

QUALITY COMPACTION

PADFOOT & SMOOTH DRUM



MADE FOR AUSTRALIAN CONDITIONS



VIBRATORY ROLLER

XS165/XS165PD

Product Specifications

OPERATING WEIGHT
16 t (Smooth) 16.8 t (Padfoot)

RATED POWER
119 kW / 2200 rpm

DRUM WIDTH
2.13 m

ENGINE
Cummins QSB4.5

XS165/XS165PD

Vibratory Roller

DIMENSIONS & SPECIFICATIONS

BROOKS
EQUIPMENT



Scan to view the XS165 Scan to view the XS165PD
product brochure product brochure

MAIN SPECIFICATIONS

ENGINE

Model	QSB4.5
Type	Turbocharged water-cooled electric control
Rated Power	119 kW
Rated Speed	2200 rpm

WEIGHT PARAMETERS

Max. Operating Weight	
Smooth Drum	16,000 kg
Padfoot Drum	16,800 kg
Front Axle Weight	
Smooth Drum	10,800 kg
Padfoot Drum	11,650 kg
Rear Axle Weight	5200 kg
Static Linear Load	
Smooth Drum	507 N/cm
Padfoot Drum	/

MANOEUVRABILITY PARAMETERS

Operating Speed (1st/2nd gear)	0-11 km/h
Theoretical Gradeability	
Smooth Drum	60%
Padfoot Drum	45%
Min. External Turning Radius	3766 mm
Min. Ground Clearance	
Smooth Drum	417 mm
Padfoot Drum	567 mm
Wheel Base	3060 mm
Steering Angle	±35°
Oscillation Angle	±10°

SERVICE REFILL CAPACITIES

Fuel Tank	260 L
Urea Tank	12 L

COMPACTION PERFORMANCE

Vibration Frequency (LF/HF)	28/33 Hz
Nominal Amplitude (High/Low)	
Smooth Drum	2.0/1.0 mm
Padfoot Drum	1.8/0.9 mm
Exciting Force (LF/HF)	340/236 kN
Drum Diameter	
Smooth Drum	1523 mm
Padfoot Drum	1735 mm
Compaction Width	2130 mm

TYRE

Spec.	23.1-26-12G23TL
Ply Rating	12
Air Pressure	
Smooth Drum	200 kPa
Padfoot Drum	170kPa

MAIN DIMENSIONS - XS165

A	Wheel Base	3060 mm
B	Total Width	2300 mm
D	Drum Diameter	
	Smooth Drum	1523 mm
	Padfoot Drum	1735 mm
H	Height (Top of Exhaust Pipe)	2390 mm
H2	Total Height (Top of Cab)	3040 mm
K	Ground Clearance	467 mm
L	Total Length	6010 mm
O1		85 mm
O2		85 mm
S		30 mm
W	Drum Width	2130 mm

