

PRECISE & POWERFUL



MADE FOR AUSTRALIAN CONDITIONS



VIBRATORY ROLLERS

XS83
XS83PD

Product Specifications

OPERATING WEIGHT	8 t (Smooth) 8.73 t (Padfoot)
RATED POWER	74/99 kW/HP
VIBRATION FREQUENCY	30/35 Hz
ENGINE	Cummins QSF3.8

XS83/ XS83PD

Vibratory Roller

DIMENSIONS & SPECIFICATIONS



Scan to view the XS83 product brochure



Scan to view the XS83PD product brochure

MAIN SPECIFICATIONS

ENGINE

Type	Cummins QSF3.8
Rated Power	Electronic control water-cooled 74 kW / 2200 rpm

HYDRAULIC SYSTEM

Charge Pressure of Drive System	2.4 MPa
Relief Pressure of Drive System	38 MPa
Relief Pressure of Vibration System	30 MPa
Relief Pressure of Steering System	14 MPa

TYRES

Spec.	405/70-24-16PR EMR1
Ply Rating	16
Air Pressure	380-400 KPa

WEIGHT PARAMETERS

Operating Weight	
Smooth Drum	8000 kg
Padfoot Drum	8730 kg
Front Axle Weight	
Smooth Drum	3800 kg
Padfoot Drum	4530 kg
Rear Axle Weight	
Smooth Drum	4200 kg
Padfoot Drum	4200 kg
Static Linear Load	
Smooth Drum	221.7 kg/cm
Padfoot Drum	-

DIMENSIONS & WORKING SCOPE

Operating speed	0-5; 0-11 km
Theoretical gradeability	50%
Min. turning radius	4000/5860 mm
Ground clearance	
Smooth Drum	270 mm
Padfoot Drum	330 mm
Wheel base	2680 mm
Steering angle	+ - 33
Oscillating angle	+ - 10
Braking distance	3.9m
Vibration frequency	30/35 Hz
Nominal amplitude	
Smooth Drum	18/0.9 mm
Padfoot Drum	1.5/0.75 mm
Exciting force (High/ low frequency)	125/85 kN
Drum diameter	1220 mm
Drum width	1680 mm
A Wheelbase	2680 mm
B Overall Width	1860 mm
D Wheel Diameter	1220 mm
H Overall Height (Top of Cab)	
Smooth Drum	3040 mm
Padfoot Drum	3120 mm
K Min. Ground Clearance	
Smooth Drum	270 mm
Padfoot Drum	330 mm
L Overall Length	5355 mm
S	20 mm
W Drum Width	1680 mm

