

PRACTICAL | POWERFUL | EFFECTIVE

COMPACTION



MADE FOR AUSTRALIAN CONDITIONS



VIBRATORY ROLLER

XS123/XS123PD

Product Specifications

OPERATING WEIGHT
12t (Smooth) 12.85t (Padfoot)

RATED POWER
104 kW / 2200 rpm

DRUM WIDTH
2.13 m

ENGINE
Cummins QSF3.8

XS123/XS123PD

VIBRATORY ROLLER

DIMENSIONS & SPECIFICATIONS

BETTER WAYS TO WORK

- Renowned Cummins QSF3.8 water-cooled turbocharged engine with high power reserve, low fuel consumption and low noise emission.
- Medium wet type axle with anti-slip differential, delivers auto torque allocation and max traction to suit road conditions, including gravel, mud, asphalt, dirt, aggregate and stones, plus speed control.

BROOKS
EQUIPMENT



XS123
product brochure



XS123PD
product brochure

- Proportional ASC closed loop hydraulic drive system composed of a variable displacement pump, plus a constant motor.
- Variable displacement piston pump and constant displacement hydraulic motor result in dual vibrating frequency and amplitude for excellent compaction.

MAIN SPECIFICATIONS

ENGINE

Model	Cummins QSF3.8
Rated Power	104 kW
Rated Speed	2200 r/min

WEIGHT PARAMETERS

Operating Weight	12000 / 12850 / 13360 kg
Front Axle Weight	6700 / 7550 / 8060 kg
Rear Axle Weight	5300 kg
Static Linear Load	308 N/cm

MANOEUVRABILITY PARAMETERS

Operating Speed:	
First Gear	0 ~ 5.5 km/h
Second Gear	0 ~ 11.2 km/h
Theoretical Gradeability	45%
Min. External Turning Radius	6800 mm
Min. Ground Clearance	401 / 443 / 443 mm
Wheel Base	3010 mm
Steering Angle	±30°
Oscillation Angle	±10°

COMPACTION PERFORMANCE

Vibration Frequency (Low/High)	30/35 Hz
Nominal Amplitude (Low/High)	0.9/1.8 0.8/1.6 0.8/1.6 mm
Exciting Force (Low/High)	190/280 kN
Drum Diameter	1523 mm
Compaction Width	2130 mm

XS123/XS123PD

TYRES

Spec.	23.1-26-12G23TL / 23.1-26-12R1TL
Ply Rating	12
Air Pressure	200 kPa

SERVICE REFILL CAPACITIES

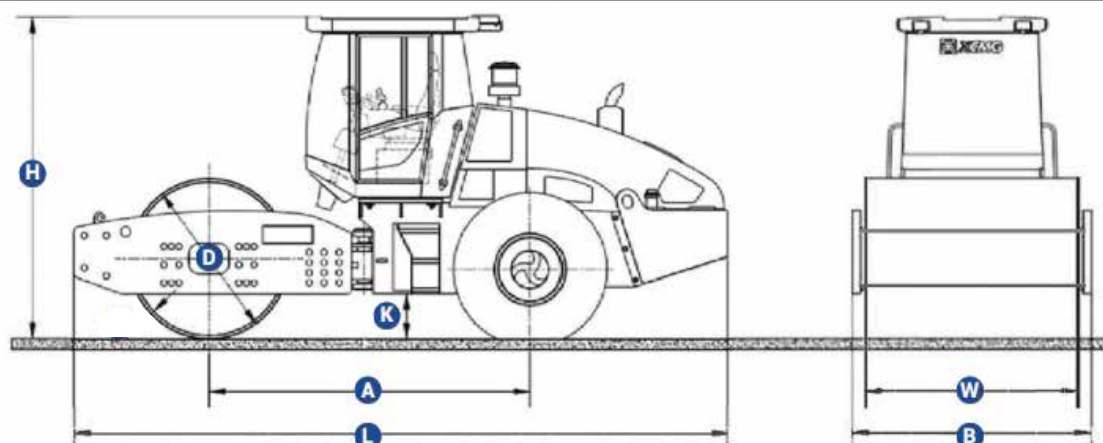
Fuel Tank	230 L
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XS123 DIMENSIONS

A	Overall Distance Between Drums	3010 mm
B	Overall Width	2300 mm
D	Drum Diameter	1523 mm
H	Overall Height	3150 mm
K	Min. Ground Clearance	393 mm
L	Overall Length	5940 mm
W	Drum Width	2130 mm

XS123PD DIMENSIONS

A	Overall Distance Between Drums	3010 mm
B	Overall Width	2300mm
D	Drum Diameter	1523 mm
H	Overall Height	3250 mm
K	Min. Ground Clearance	443 mm
L	Overall Length	5940 mm
W	Drum Width	2130 mm



Materials and specifications in this brochure are subject to change without notice. Please speak with a Brooks Equipment Sales Representative for specifications of the physical unit.