

XS165/XS165PD



XS165/XS165PD

Single Drum Vibratory Roller

XS165/XS165PD is a heavy-type, self-propelled, full hydraulic double drive single drum vibratory roller special designed for European market. This product fulfills the requirements of the European Stage V emission standards. Featuring high excitation force, high compaction efficiency and good compaction quality, it is widely used in compaction work on base layer, sub-base layer and rock fill for roads, railways, airports, harbors, dams and industrial construction sites.



Performance and characteristics

- 1×1m front and rear visibility, up to 21.09% increased rear vision, significantly improve the operation convenience and compaction quality.
- Active Noise Control(ANC), exhaust noise to the driver's ear is lower than 75dB(A).
- Engine speed control, intelligent temperature control and automatic idling contributes to the lowest fuel consump-

tion in industry.

- Perfect combination of high climbing ability and anti-skid technology, leading industry in adaptability to extreme working conditions.
- Cylinder-type four-support long-life drum, unparalleled 10,000 hours lifetime expected under standard working conditions.

Main dimensions

Unit: mm

Model	L	L1	W	W1	H	H1	H2	S	D
XS165	6010	3060	2300	2130	3040	2410	467	36	1523
XS165PD	6010	3060	2300	2130	3140	2510	567	36	1723



Main specifications

Item	Content	Unit	XS165/XS165PD
Weights	Operating weight	kg	16000/17200/16850
	Maximum operating weight	kg	16000/17200
	Front axle weight	kg	10800/12000/11650
	Rear axle weight	kg	5200
	Static linear load	N/cm	497/-
Maneuverability	Working speed(F/R)	km/h	0~11.0/0~11.85
	Gradeability	%	60/45
	Minimum turning radius(outer)	mm	5896
	Minimum ground clearance	mm	417/507; 467/567
	Wheel base	mm	3060
	Steering angle	°	±35
	Oscillation angle	°	±10
Compaction	Vibration frequency	Hz	28/33
	Nominal amplitude	mm	2.0/1.0
	Excitation force	kN	340/236
	Drum diameter	mm	1523/1723
	Drum width	mm	2130
Engine	Model	-	B4.5
	Emission	-	EU Stage V
	Rated power	kW	129
	Rated speed	r/min	2200
Tire	Spec.	-	23.1-26-12G23TL/23.1-26-12R1TL
	Ply rating	-	12
	Air pressure	kPa	200/170
Capacities	Fuel tank	L	260
	Urea tank	L	33