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# XCMG Road Rollers



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# XS303

Single Drum Vibratory Rollers



# XS303 (Tier III)

Single Drum Vibratory Rollers

## Main Specifications

Description		Parameter	Unit	
Mass	Maximum operating mass	30000	kg	
	Axle load, drum	18000	kg	
	Axle load, wheas	12000	kg	
Engine	Model	BF6M1013ECP		
	Rated power	179	kW	
	Rated speed	2200	r/min	
Compacting Performance	Static linear pressure	845	N/cm	
	Vibration frequency	High frequency	33	Hz
		Low frequency	27	Hz
	Nominal amplitude	Large (at low frequency)	2.0	mm
		Small (at high frequency)	1.0	mm
	Cenerifugal force	Large (at low frequency)	520	kN
Small (at high frequency)		390	kN	
Running Performance	Speed	Gear I	0 ~ 4.2	km/h
		Gear II	0 ~ 6	km/h
		Gear III	0 ~ 6.5	km/h
		Gear IV	0 ~ 10	km/h
	Minimum turning outside radius	6964	mm	
Running Performance	Theoretical gradeability	40	%	
	Steering angle	±33	°	
	Swing angle	±10	°	
	Dimension	Overall dimension	6877×2480×3330	mm
Wheelbase		3460	mm	
Minimum ground clearance		457	mm	
Diameter of vibrating drum		1612	mm	
Width of vibrating drum		2130	mm	

## Main Specifications

Description		Parameter	Unit	
Mass	Maximum operating mass	30000	kg	
	Axle load, drum	18000	kg	
	Axle load, wheas	12000	kg	
Engine	Model	BF6M1013-24T3R		
	Rated power	179	kW	
	Rated speed	2200	r/min	
Compacting Performance	Static linear pressure	845	N/cm	
	Vibration frequency	High frequency	33	Hz
		Low frequency	27	Hz
	Nominal amplitude	Large (at low frequency)	2.0	mm
		Small (at high frequency)	1.0	mm
	Cenerifugal force	Large (at low frequency)	520	kN
Small (at high frequency)		390	kN	
Running Performance	Speed	Gear I	0 ~ 4.2	km/h
		Gear II	0 ~ 6	km/h
		Gear III	0 ~ 6.5	km/h
		Gear IV	0 ~ 10	km/h
	Minimum turning outside radius	6964	mm	
Running Performance	Theoretical gradeability	40	%	
	Steering angle	±33	°	
	Swing angle	±10	°	
	Dimension	Overall dimension	6877×2480×3330	mm
Wheelbase		3460	mm	
Minimum ground clearance		515	mm	
Diameter of vibrating drum		1612	mm	
Width of vibrating drum		2130	mm	





# CASE

