

XS113E



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Single Drum Vibratory Roller

XS113E is self-propelled, single drum, full hydraulic dual drive vibratory roller designed specially for southeast Asia market. 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 forestry roads, railways, highways, airports, ports, dams and industrial construction sites;



Performance and characteristics

- High-performance power system design allow normal working under ambient temperature of 46 C.
- Cylinder-type four-support long-life drum, unparalleled 10,000 hours lifetime expected under standard working conditions.
- Centered static and dynamic forces for state-of-the-art compaction homogeneity — less than 5%.
- Cabin + KFR air conditioner + padfoot drum, meeting the needs of different users.
- The infinitely variable speeds function guarantees optimum work speeds under diversified working conditions.

Main dimensions

Unit: mm

Model	L	L1	W	W1	H	H1	S	D
XS113E	5940	3010	2300	2130	3150	412	25	1513



Main specifications

Item	Content	Unit	XS113E
Weights	Operating weight	kg	10400
	Maximum operating weight	kg	10400
	Front axle weight	kg	5400
	Rear axle weight	kg	5000
	Static linear load	N/cm	248.9
Maneuverability	Working speed(F/R)	km/h	0~7.5; 0~10
	Gradeability	%	40
	Minimum turning radius(outer)	mm	6800
	Minimum ground clearance	mm	412
	Wheel base	mm	2010
	Steering angle	°	±30
	Oscillation angle	°	±10
Compaction	Vibration frequency	Hz	32
	Nominal amplitude	mm	1.8/0.9
	Excitation force (high/low frequency)	kN	240/120
	Drum diameter	mm	1513
	Drum width	mm	2130
Engine	Model	-	4BTA3.9-C125
	Emission	-	China stage II
	Rated power	kW	93
	Rated speed	r/min	2200
Tire	Spec.	-	23.1-26-12G23TL
	Ply rating	-	12
	Air pressure	kPa	150-170
Capacities	Fuel tank	L	200
	Urea tank	L	/

Notes:

Specifications and configurations may vary depending on options and regional regulations. XCMG reserves the right to make changes to specifications without prior notice.