



XG6142M/XG6162M/XG6184M

Singe-Drum Vibratory Roller



Singe – Drum Vibratory Roller

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Application

These series product are mechanical drive and hydraulic vibratory road roller. They are suitable for the construction of road, mine, dam, airport, railway, etc., particularly suitable for the compaction of foundation and filler materials for various constructional works.

Features



- Equipped with Yuchai YC6B150Z-T11 engine, with stable and reliable performance.
- The transmission gearbox with synchronizer guarantees effortless, flexible and reliable gear shifting operation.
- Vibrating pump and motor are PERMCO or HERCULER products. Vibratory bearing imported from Sweden SKF or Germany FAG products.
- Hydraulic steering ensures easy and flexible steering operation.
- High/Low amplitude optional for various applications.
- Streamline engine hood can be opened widely. Easy access for repair and maintenance.
- The cabin features the sound insulation, thermal insulation, vibration reduction, with comfort, large space, and wide vision.
- Air-conditioner is optional to the customer's needs.

Specifications

Description	Unit	XG6142M	XG6162M	XG6184M
Operating Weight	kg	14000	16000	18000
Static Linear Load of Drum	N/cm	322	368	414
Vibration Frequency	Hz	30		
Theoretical Amplitude (High/Low)	mm	1.7/0.82	1.8/1.0	2.0/1.0
Centrifugal Force (High/Low)	KN	270/135	290/170	320/160
Drum Weight	kg	7000	8000	9000
Min. Turning Radius	mm	6500		
Max. Gradeability	%	25		
Drum (D×W)	mm	∅1550×2130		
Overall Dimensions (L×W×H)	mm	6025×2375×3170		
Travel Speed	Gear I (F/R)	km/h	2.5	
	Gear II (F/R)	km/h	4.8	
	Gear III (F)	km/h	9.8	
Engine	Model	Yuchai YC6B150Z-T11		
	Rated Power	kW	110	
	Rated Speed	r/min	2100	

Content and specification are subject to change without notice



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