

Full Hydraulic Single Drive Vibratory Roller

XS103H

Product Brochure



Product Features

The XS103H fully hydraulic single-drive vibratory roller is more comfortable to operate and offers superior compaction performance and efficiency. It is suitable for compaction operations such as concrete, stabilized soil, pebbles, sandy soil, and sticky soil. It is an ideal compaction device for the construction of high-grade highways, airports, ports, and embankments.

Product Specifications

Description	Unit	Parameter value
Work weight	kg	10600
Drive wheel distribution weight	kg	5900
Vibratory drum distribution weight	kg	4700
Static line load	N/cm	216
Vibration frequency	Hz	30/35
Theoretical amplitude	mm	1.9/0.95
Exciting force	kN	220/150
Speed range	Km/h	0-7.3
Wheelbase	mm	3040
Compaction width	mm	2130
Theoretical climbing ability	%	40
Minimum turning radius	mm	6400
Vibratory drum diameter	mm	1513
Minimum ground clearance	mm	431
Engine	model	SC4H135G2
	Rated speed	r/min 2200
	Rated power	kW 100
Dimensions	mm	6150×2300×3200
Vibration system pressure	MPa	18
Steering system pressure	MPa	16
Drive system pressure	MPa	40