

XD85T



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VIBRATORY ROLLER

The XD85T vibratory roller is engineered for high-performance asphalt compaction, delivering consistent density and smooth surface finish. It excels in: Pavement compaction: ensures uniform compaction across varying material types and thicknesses. Large-scale infrastructure projects: Ideal for roads, highways, airports, and industrial parking lots. Subgrade/subbase consolidation: effective for stabilizing base layers and granular materials.

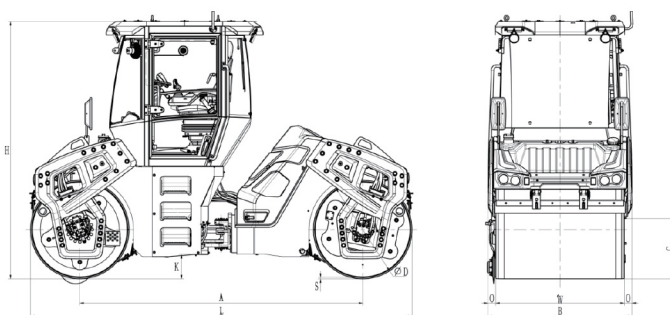
Performance and characteristics

- Self-propelled tandem vibratory roller features articulated steering with locking device and standard lifting points, towing hooks, and tie-down points for safe transportation.
- Front and rear drums feature independent dual frequency/amplitude control, consistent main structure dimensions for versatile compaction and balanced performance.
- EU Stage III emission compliance;
- Rotatable seat for optimal field visibility. Mechanical vibration reduction seat reduces operator fatigue during prolonged operation. Control lever is integrated with vibration control, water spraying, and crab steering functions; neutral brake for emergency stopping.
- The control box is equipped with emergency stop switch, vibration selector switch, sprinkler selector switch, and crab walk selector switch.
- Control panel with information display system showing engine water temperature, fuel level, sprinkler tank water level.

Dimension in working configuration

Unit: mm

Model	A	B	C	L	H	D	S	W	O	K
XD85T	3400	1860	708	4550	3018	1150	16	1680	90	260



Main specifications

Item	Content	Unit	XD85T
Weight Parameters	Operating Weight	kg	8400
	Front Axle Weight	kg	4200
	Rear Axle Weight	kg	4200
	Static linear load (front/rear)	N/cm	245/245
Maneuverability	Travel Speed	km/h	0~12
	Theoretical Gradeability	%	35
	Minimum Turning Radius (inside/outside)	mm	4396/6076
	Minimum Ground Clearance	mm	260
	Wheel Base	mm	3400
	Steering Angle	°	±35
	Oscillation Angle	°	±8
	Braking Distance	m	≤4.36
Compaction	Vibration Frequency	Hz	48/55
	Nominal Amplitude	mm	0.7/0.27
	Centrifugal Force (High/Low)	kN	84/52
	Drum Diameter	mm	1150
	Working Width	mm	1680
Engine	Model		Kubota V3307
	Rated Power	kW	54.6
	Rated Speed	r/min	2400
Miscellaneous	Drive method		Hydrostatic closed type
	Driving type		Hydrostatic closed type
	Service brake		Hydraulic
	Parking		Hydraulic
	Secondary braking		Hydraulic
	Steering mode		Articulated
	Steering control		Hydraulic

Notes:

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