



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.



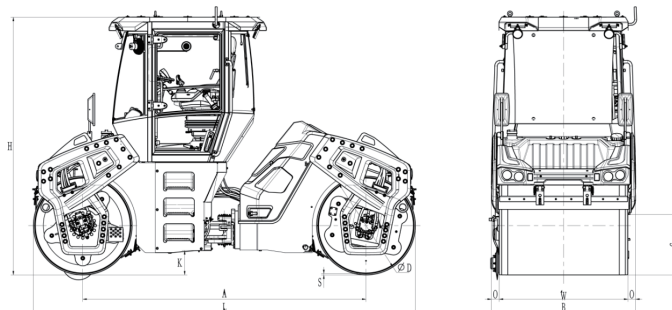
Performance and characteristics

- 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.

Main dimensions

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	8000
	Front Axle Weight	kg	4000
	Rear Axle Weight	kg	4000
	Static linear load (front/rear)	N/cm	233/233
Maneuverability	Travel speed	km/h	0~12
	Theoretical gradeability		40%
	Minimum turning radius(inside/outside)	mm	4396/6076
	Minimum ground clearance	mm	260
	Wheelbase	mm	3400
	Steering Angle		±35 °
	Oscillation angle		±8
	Braking distance	m	≤4.36
Compaction	Vibrational 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
Hydraulic system	Charging pressure, drive system	MPa	2.5
	Peak pressure, drive system	MPa	42
	Peak pressure, vibration system	MPa	35
	Peak pressure, steering system	MPa	17.5
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