

XD85T



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Tandem Roller

XD85T vibratory roller is designed to meet the requirements of high-end customers and special working conditions in European and North American market. It is widely applicable to compacting asphalt pavement; layers of different materials and different thickness; large engineering projects such as roads, parking lots, airports. It is an ideal compacting equipment for asphalt top layer construction in highway management and maintenance.



Performance and characteristics

- Inspired by Qilin's (Chinese fabulous creature) kind power
- One-click start for resuming operation
- Long service life drum with double support exciter, low moment of inertia, centered static and dynamic forces for

extreme compaction homogeneity and theoretical lifetime up to 10 000 hours.

- Soft start/stop controls for avoiding unevenness
- Compact overall design for high maneuverability.

Main dimensions

Unit: mm

Model	L	L1	W	W1	H	H1	S	D
XD85T	4450	3300	1680	1500	3000	260	16	1150



Main specifications

Item	Content	Unit	XD85T
Weights	Operating weight	kg	8000
	Maximum operating weight	kg	NA
	Front axle weight	kg	4000
	Rear axle weight	kg	4000
	Static linear load	N/cm	261
Maneuverability	Operating speed	km/h	0~12
	Gradeability	%	40
	Minimum turning radius(outer)	mm	4480
	Minimum ground clearance	mm	260
	Wheel base	mm	3300
	Steering angle	°	±35
Compaction parameters	Oscillation angle	°	±8
	Vibration frequency	Hz	45/60
	Nominal amplitude	mm	0.72/0.31
	Excitation force	kN	80/50
	Drum diameter	mm	1150
	Drum width	mm	1500
Engine	Model	-	KUBOTA V3307 CR-T
	Emission	-	EU stage V
	Rated power	kW	55.4
	Rated speed	r/min	2400
Capacities	Fuel tank	L	135
	Urea tank	L	NA
	Water tank	L	540