

# XM505K



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## Cold Milling Machine

XM505K milling machine is a kind of asphalt pavement maintenance machinery, which is mainly used for the maintenance of municipal roads and as the auxiliary machinery for the construction of large milling machine. It can be used for small-scale excavation and renovation of asphalt concrete pavements of highways, urban roads, airports, freight yards, parking lots, etc. It can efficiently remove road congestion, waves, mesh patterns, ruts, etc.; roughen the cement pavement and mill the surface faulting. It is capable of milling along the road sides and manhole covers. If the machine is equipped with a hydraulic hammer, it can be used for breaking the pavement; it can be optionally fitted with wheels for rumble strips to mill the rumble strips along the road sides.

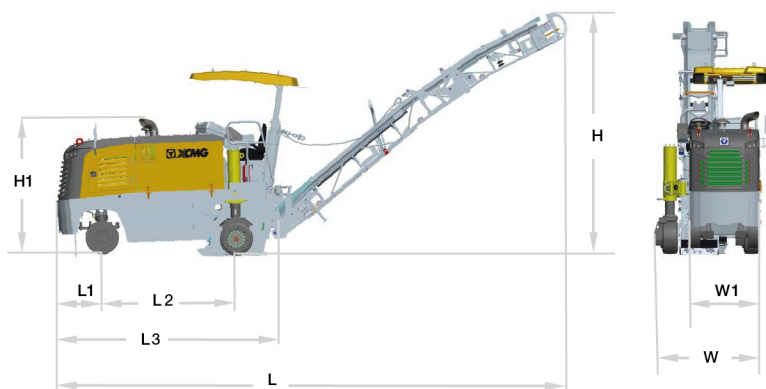
## Performance and characteristics

- With strong and reliable power drive system and high-power engine that meets Euro-V emission standard, where the engine automatically increases the torque under high load and automatically adjusts the working speed to ensure efficient milling performance under different working conditions;
- With excellent traveling drive system, large steering angle design of front wheels, extremely small milling radius and turning radius, and four-wheel full hydraulic traveling drive, which can provide super stability and maneuverability under various working conditions;
- With efficient conveying system, large swing angle of 60° to the left and right, where the conveying belt can be disassembled and assembled in one step, and hydraulic folding conveying belt is equipped;
- With profiling multi-functional joystick, integrating a variety of operating functions, which can meet a variety of operation requirements with one hand;
- The large-opening lifting door on the left of rear hood in conjunction with the rotatable fuel tank greatly increases the maintenance space;
- With highly intelligent control technology such as one-button construction, to reduce human intervention and make construction more efficient;
- Optional milling drums with different functions for different construction requirements such as milling of pavement marking and rumble strips.

## Main dimensions

Unit: mm

Model	L	H	W	L1	L2	L3	H1	W1
XM505K	8660	3965	1740	778	2250	3950	2300	1150



## Main specifications

Item	Content	Unit	XM505K
<b>Milling drum</b>	Milling width	mm	500
	Milling depth[1]	mm	210
	Space between tools	mm	15
	Quantity of tools		60
	Rotor diameter including tools	mm	750
<b>Engine</b>	Manufacturer		Cummins
	Model		B4.5
	Cooling mode		Water-cooling
	Number of cylinders		4
	Rated power	kW/rpm	115/2200
	Displacement	L	4.5
	Full-load fuel consumption	L/h	29.5
	Comprehensive fuel consumption	L/h	11.8
<b>Electric</b>	Emission standard		EU Stage 5
	Voltage	V	24
<b>Tank volume</b>	Fuel tank	L	230
	Water tank	L	600
	Hydraulic oil tank	L	70
<b>Traveling performance</b>	Working speed	m/min	0-46
	Traveling speed	km/h	0-12
	Minimum milling radius	mm	220
	Theoretic gradeability	%	66
	Minimum ground clearance	mm	210
<b>Tires</b>	Tire specification	mm×mm	559×254
<b>Overall weight</b>	Weight in transportation state	kg	8200
	Weight in work state	kg	9800

[1] The maximum milling depth may differ from the above values due to wear and error;