XM505



XM505

Cold Milling Machine

XM505 pavement milling machine is a maintenance and construction machine for asphalt pavement, and it is mainly used for municipal highway maintenance and can be used as an auxiliary machine for large milling machine construction. Its functions are listed as follows: small area excavation and renovation of asphalt concrete pavement such as highways, urban roads, airports, freight yards and parking lots; Removal of upheavals, oil waves, reticulated lines, ruts, etc; Roughening of cement pavement and milling of staggered surface; edge milling and planing along the well cover. If a hydraulic pick is selected, it can realize the function of pavement breaking; The rumble wheel can be optionally installed for roadside rumble strip milling and planing.

XM505
Cold Milling Machine

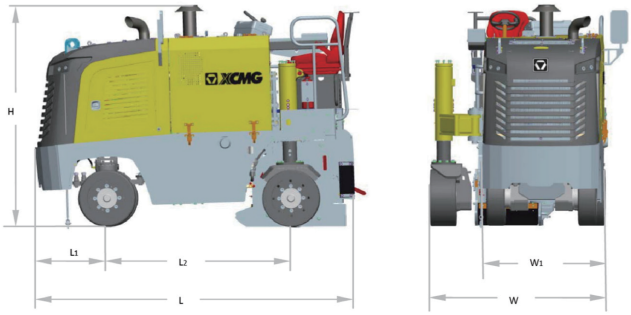
Performance and characteristics

- The four-wheel full hydraulic traveling system is adopted with the split flow differential technology to provide strong traction;
- Powerful and efficient;
- Electric control handle and LCD display panel are equipped for comfortable and convenient operation;
- With compact machine body and small milling radius, it can realize trimming and milling along the well cover;
- With the ability to climb the flatbed truck by itself, it is easy to transport and realizes rapid transition;
- High intelligent control technologies such as one button construction are provided to reduce human intervention and make construction more efficient;
- Milling drums with different functions can be optionally installed for different construction requirements such as marking, rumble strip milling and planing;

Main dimensions

Unit: mm

Model	L	H	W	L1	L2	W1
XM505	3125	2200	1715	715	1800	1150



Main specifications

Item	Content	Unit	XM505
Milling drum	Milling width	mm	500
	Milling depth[1]	mm	180
	Cutter space	mm	15
	Number of cutters		54
	Drum diameter with cutter	mm	670
Engine	Manufacturer		SDEC
	Model		SC4H-C125
	Cooling mode		Water-cooled
	Number of cylinders		4
	Rated power	kW/rpm	92/2200
	Displacement	L	4.3
	Fuel consumption at rated power	L/h	23.8
	Combined fuel consumption	L	9.5
	Emission standard		EU Stage 3a/CN Stage 3
Electrical system	Voltage	V	24
Tank capacity	Fuel tank	L	160
	Water tank	L	320
	Hydraulic oil tank	L	70
Driving performance	Operating speed	m/min	0-36
	Driving speed	km/h	0-7.6
	Minimum milling radius	mm	210
	Theoretical climbing ability	%	≥60
	Minimum ground clearance	mm	190
Tire	Front wheel size	mm	559×178
	Rear wheel size	mm	559×254
Total weight	Transport quality	kg	5650
	Operating mass	kg	5900

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

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

XCMG ROAD MACHINERY BUSINESS
Email: road.marketing@xcmg.com

Offical Website Facebook Youtube