XM1005K



XM1005K

Cold Milling Machine

XM1005K milling machine is a kind of medium-sized milling machine with high performance, which is mainly used for 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.; excavate the pavement pits and trenches; roughen the cement pavement and mill the surface faulting. This machine has high work efficiency, high level of intelligence, long working cycle, and good maneuverability, reliability and maintenance, and the overall technical performance has reached the international advanced level.

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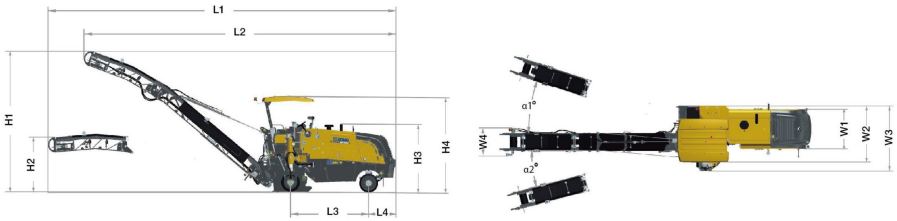
Performance and characteristics

- Intelligent depth control technology is adopted and the high-precision displacement sensors are integrated in the rear outrigger cylinders to reach the designated milling depth quickly and accurately in the automatic state;
- The mechanical belt drive system with high drive efficiency ensures strong driving force under heavy load, and the perfect power matching ensures low fuel consumption;
- The front wheel designed with big steering angle enables the machine to have very small milling radius;
- The four-wheel full-hydraulic traveling driving and high-precision hydraulic differential anti-skid systems provide strong driving force;
- The XCMG patented quick-change tool apron system has small cutting resistance, high wear resistance and more convenient replacement;
- Large-capacity water tank and fuel tank are equipped to extend the working cycle, reduce the water and fuel filling frequency, and shorten the pause time; the water tank is manufactured with rotational molding process, which is durable and rust-resistant.
- With the big swinging angle of conveying belt and the maximum conveying height of 4,900mm, the materials can be loaded properly under various working conditions;

Main dimensions

Unit: mm

Model	L1	L2	L3	L4	H1	H2	H3	H4	W1	W2	W3	W4	a1	a2
XM1005K	12290	11100	2760	985	4900	1600	2690	3470	1400	1920	2295	500	25°	25°



Main specifications

Item	Content	Unit	XM1005K
Milling drum	Milling width	mm	1000
	Milling depth[1]	mm	300
	Space between tools	mm	18
	Quantity of tools		86
	Drum diameter including tool	mm	930
Engine	Manufacturer		Shang chai
	Model		SC7H
	Cooling mode		Water-cooling
	Number of cylinders		6
	Rated power	kW/rpm	177/2200
	Displacement	L	6.5
	Full-load fuel consumption	L/h	42.5
	Comprehensive fuel consumption	L/h	15
	Emission standard		EU Stage 3a/CN Stage 3
Electric system	Voltage	V	24
Tank volume	Fuel tank	L	450
	Water tank	L	850
	Hydraulic oil tank	L	120
Traveling performance	Working speed	m/min	0-36
	Driving speed	km/h	0-8
	Theoretic gradeability	%	75
	Minimum ground clearance	mm	205
Tire	Specification	mm×mm	660×250
Conveying belt	Belt width	mm	500
	Theoretic conveying capacity	m^3/h	127
Overall weight	Weight in transportation state	kg	14000
	working mass	kg	14700

[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.

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