XM1005H



XM1005H

Cold Milling Machine

XM1005H milling machine is a kind of high-performance one-meter milling machine, 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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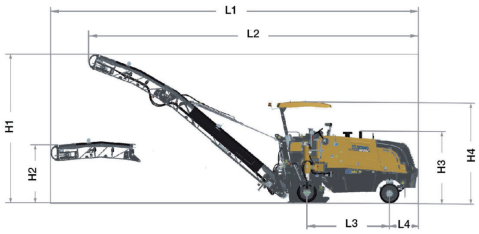
Performance and characteristics

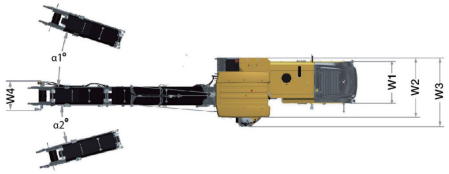
- Intelligent depth control technology is adopted and the high-precision displacement sensors are integrated in the rear outrigger cylinders to reach the designated milling depth quickly and accurately in the automatic state;
- The hydraulic drive system with smooth driving and low maintenance cost is adopted, and the unique high-pressure system design provides strong driving force;
- 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
XM1005H	12290	11080	2760	985	4900	1600	2650	3400	1400	1985	2295	1000	25°	25°





Main specifications

Item	Content	Unit	XM1005H
Milling drum	Milling width	mm	1000
	Milling depth[1]	mm	220
	Space between tools	mm	18
	Quantity of tools		80
	Drum diameter including tool	mm	860
Engine	Manufacturer		Dongfeng Cummins
	Model		QSB6.7
	Cooling mode		Water-cooling
	Number of cylinders		6
	Rated power	kW	164
	Displacement	L	6.7
	Full-load fuel consumption	L/h	47
	Comprehensive fuel consumption	L/h	15
	Emission standard		EU Stage 3a/CN Stage 3
Electric system	Voltage	V	24
Tank volume	Fuel tank	L	500
	Water tank	L	850
	Hydraulic oil tank	L	120
Traveling performance	Working speed	m/min	0–33
	Driving speed	km/h	0–8
	Theoretic gradeability	%	67
	Minimum ground clearance	mm	205
Tire	Specification	mm×mm	660×250
Conveying belt	Belt width	mm	400
	Theoretic conveying capacity	m3/h	92
Overall weight	Weight in transportation state	kg	12800
	working mass	kg	13500

[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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