XM505KII



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Road Milling Machine

XM505KII milling machine is a kind of construction machinery for asphalt pavement maintenance, which is mainly used for municipal highway maintenance work, or as auxiliary equipment for large milling machine. Achieving small areas excavation and renovation of asphalt concrete surface layer for highways, urban roads, airports, garages, parking lots and so on; efficiently clear the road upheaval, wave, overlapping curve, tracks etc.; also for the cement road galling and surface dislocation milling. This machine can realize the edge milling, well cover surrounding milling, pavement crushing by optional hydraulic pick; achieve rumble strip milling with the optional rumble drum.

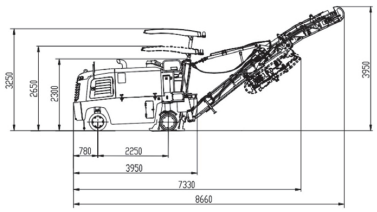
XM505KII

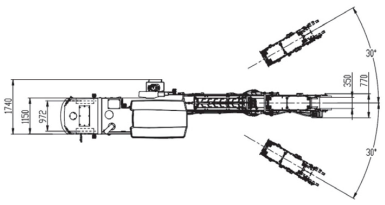
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Performance and characteristics

- **Powerful:** Equipped with ECEC Cummins QSB4.5 97kW EFI engine, it has higher power reserve and adopts automatic load control technology to ensure efficient milling performance under different working conditions.
- **Reliable transmission system:** The hydraulic pump-hydraulic motor-reducer-milling drum transmission system. Using mature and market proven components, overload protection function to guarantee high reliability.
- **Bilateral support of milling drum:** By adopting the bilateral support structure, the performance is more stable, the working ability is stronger, and the service life of the components is longer under heavy load conditions.
- **High traction:** four-wheel drive system provides high traction for normal driving during milling, climbing and avoiding obstacles.
- **Extremely tight turning radius:** minimum milling radius is 330mm, for easily milling off the pavement around manhole covers and curbs.
- **One-button intelligent start and stop:** You can turn on the milling drum, sprinkle water, and increase the engine speed with one button, and turn off the milling drum and sprinkle water with one button to reduce the engine speed.

Main dimensions





Main specifications

Item	Content	Unit	Value
Milling Drum	Milling width	mm	500
	Maximum milling depth	mm	210
	Tip distance	mm	15
	Number of tools	-	60
	Drum diameter with picks	mm	750
Engine	Manufacturer	-	DCEC
	Model	-	QSB4.5
	Cooling method	-	Water-cooling
	Number of cylinders	-	4
	Rated power/2200r/min	kW	97
	Displacement	L	4.5
	Rated power	L	26
	Comprehensive fuel consumption	L	10
	Emission standards	-	EC Stage 3a/China stage I
	Electrical system	V	24
Tank capacity	Fuel tank	L	230
	Water tank	L	600
	Hydraulic oil tank	L	70
Driving Performance	Milling speed	m/min	0-40
	Drum speed	km/h	0-7.5
	Theoretical Gradeability	%	66
	Minimum milling radius	mm	340
	Ground Clearance	mm	220
Conveyor belt	Unloading belt width	mm	350
	Maximum discharge height	mm	3950
	Conveyor belt conveyor dimensions (length, width and height)	-	6000×780×600
	Theoretical conveying capacity of discharge belt	m^3/h	80
Tire size	Front tire dimension	mm	559×178
	Rear tire dimension	mm	559×254
Machine Dimensions	Overall dimensions (length, width and height)-no conveyor belt	mm	3838×1740×3050
	Transport dimensions (length, width, height)-no conveyor belt	mm	3838×1740×2650
	Overall dimensions (length, width and height)-including conveyor belt	mm	9730×1740×3050
	Transport dimensions (length, width and height)-including conveyor belt	mm	7330×1740×2650
Total weight	Working weight of the whole machine-including conveying belt	kg	9000
	Transport weight of the whole machine-including conveyor belt	kg	8700
	Working weight of the whole machine-no conveying belt	kg	8200
	Transport weight of the whole machine-no conveyor belt	kg	7800

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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