

SANY

Forging the Future Together

SCM1500FC-10

SANY Milling Machine



1500mm
Milling width



0~330mm
Milling depth



294kW/2200rpm
Rated power of engine

Operating ambient temperature: -10 °C -45 °C; Altitude ≤4000 meters.



Ultra-low Fuel Consumption, Lower Costs

- Third-generation high-efficiency milling drum with optimized tooth arrangement, ensuring more effortless milling and lower fuel consumption.
- Powered by a Cummins L9 engine with a maximum power of 294kW, reducing fuel consumption by 10% compared to the previous generation.
- Dual-fan intelligent speed control + load adaptive technology for automatic energy saving throughout the entire process.



Simple Operation, Easy to Master

- Standard four-column floating + body posture automatic control technology for higher milling precision.
- Equipped with single-machine auxiliary driving technology, reducing operating intensity by 30%.
- Standard features include automatic tool engagement, one-key milling, one-key obstacle crossing, and remote power control.



Ultra-high Configuration, Comprehensive Solution

- Standard model equipped with dual ground control boxes, MOBA cross-slope leveling system, high-pressure washing pump, hydraulic lifting canopy, water level light indicators with automatic alarms, milling drum slow-turn system, and pneumatic tool removal tools, ensuring more precise control and convenient use.



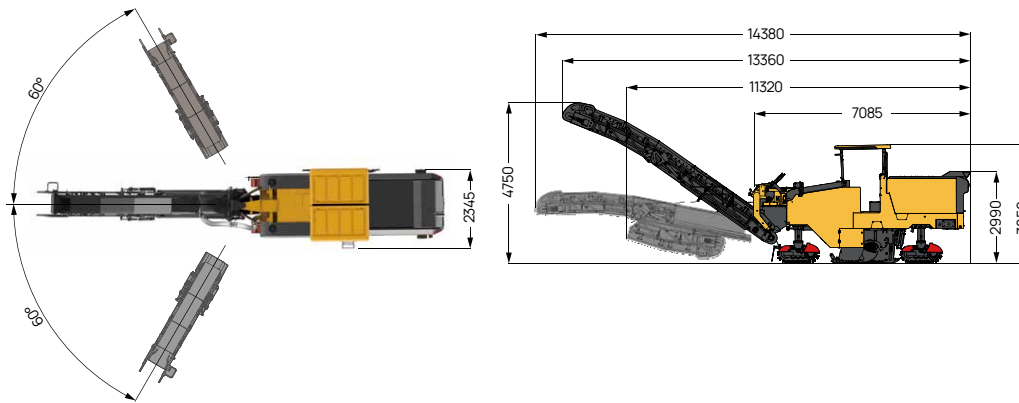
Wide Application, Versatile Construction

- Maximum speed reaches 7.5km/h for efficient site transfer, suitable for rapid construction in multiple scenarios.
- Discharge height of 4.75m and belt speed of 5.5m/s provide a wide discharge range with adjustable distance, compatible with various material trucks.
- Dual independent noise-reduction fans with noise levels as low as 80dB(A), enabling construction in residential areas without disturbance.
- Standard model equipped with 2-longitudinal and 1-transverse leveling sensors; optional wire-rope or ultrasonic leveling available to meet all pavement milling working conditions.

Overall Dimensions

The following are the measured values corresponding to the standard feature, and the actual products shall be subject to the optional features.

Unit: mm



Reminder:

Any change in the technical parameters and configuration due to product modification or upgrade may occur without prior notice. The machine in the picture may include additional equipment. This brochure is for reference only, and goods in kind shall prevail.

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Technical Specifications

CATEGORY	ITEM	UNIT	PARAMETERS
Working Device	Milling width	mm	1500
	Milling depth	mm	0~330
	tool spacing	mm	18
	Cutting circle diameter	mm	980
	Number of cutting tools	pc	118
Drive System	Traveling speed	km/h	0~7.5
	Gradeability	%	40
	Min. radius of milling	m	2.07
Power System	Engine brand	-	DF Cummins
	Engine model	-	QSL8.9
	Rated power of engine	kW	294
	Rated speed of engine	rpm	2200
	Emission standard	-	National III
Dimensions	Transportation dimensions	Overall length (with conveyor)	mm 11360
		Overall width	mm 2360
		Height (with folded canopy)	mm 3010
	Working dimensions	Overall length (with conveyor)	mm 14380
		Overall width	mm 2360
		Height	mm 3860
	Main unit length	mm	7150
	Front wheel track	mm	1500
	Rear wheel track	mm	1400
	Maximum discharge height	mm	4750
Weight	Primary belt width	mm	650
	Secondary belt width	mm	600
	Max operating weight (including a full tank of water, a full tank of fuel and the 75kg operator)	t	24.5
	Operating weight (including a half tank of water, a half tank of fuel and the 75kg operator)	t	23
	Transportation weight (including 20% tank of fuel)	t	21.6
Capacities	Fuel tank capacity	L	700
	Water tank capacity	L	2250
	Hydraulic oil tank capacity	L	130

Configuration

● Standard ○ Optional

ITEM		ITEM	
Four-leg floating + automatic body attitude control technology	●	18mm standard milling drum	●
MOBA rapid cross slope sensor	●	15mm standard milling drum	○
Pneumatic system	●	Conveyor	●
Negative pressure dedusting	○	Hydraulic Lifting Roof System	●
360° panoramic view	○	Remote control key	●
Auto-leveling system	●	Centralized lubrication system	●
Additional leveling control panel	●	High-pressure water pump	●
Ultrasonic leveling (3-point & 6-point)	○	Milling drum slow rotation function	●
Dual ground control boxes	●	Intelligent water level indicator light	●
Quick-change milling drum	○		