

Highly efficient

- ▲ 180 kW engine maintains adequate power output
- Mechanical drive of milling ensures more direct power transmission and stronger resistance to overload.
- Standard four—wheel drive makes driving powerful.
- 500 mm ultra—wide conveyor ensures high material conveying capacity.

Economical and reliable

- 15 mm standard pitch milling drum brings dense milling texture and saves materials.
- Drive conveyor has slack side and tensioning bearing to ensure a longer service life.
- Alloy tail gate scraper contributes to clean receiving of materials and a longer service life.

Highly applicable

- Widened front wheel tread ensures easy access to ordinary flat car.
- Milling radius ≤ 1.2 m contributes to easy milling.
 The highest convey height in industry is able to be compatible with "dumper".

Convenient and intelligent

- SYMC intelligent controller and standard Automatic Leveling System.
- Visible parameters of on/off, current and voltage for control circuit ensure easy inspection, monitoring and maintenance.
- Intelligent prompt of maintenance and fault alarm and searchable parameters such as milling level and position.

Technical specifications

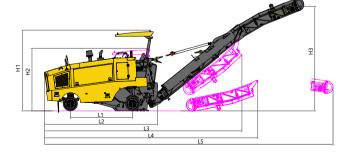
Overall length (with folded conveyor) (mm) 9540		Items	SCM1000C-8	
Development Color		Overall length (with folded conveyor) (mm)	9540	
Height (with folded canopy)(mm) 2690		Overall width (mm)	2320	
Overall width (back side of right rear support leg) (mm) 2560		Height (with folded canopy)(mm)	2690	
Working dimensions Overall width (front side of right rear support leg) (mm) 1920 Height (tool nose is 310mm from ground) (mm) 3790 Max. milling width (mm) 4500 Max. milling width (mm) 280 Transportation weight (t) (including 20% tank of fuel) 14.5 Operating weight (t) (including a half tank of water, a half tank of fuel and the 75kg operator) 15 Grossweight (t) (including a full tank of water, a full tank of fuel and the 75kg operator) 15.7 Manufacturer / Model Sany / D07S3-245E0 Emgine Rated power (kW) 180 Rated speed (rpm) 2200 Fuel consumption with full load (L/h) 44 Milling drum 40 44 Milling drum 930 44 Travel speed(km/h) 0-8 54 Travel mode Travel drive mode All-wheel-drive Travel mode Tyre 50 idid rubber tyre Tyre dimensions(mm) 0620 × 260 Fuel tank capacity (L) 400 Hydraulic oil tank capacity (L) 800 Water tank capacity (L) 800		Overall length (with unfolded conveyor) (mm)	12560	
dimensions Height (tool nose is 310mm from ground) (mm) 3790 Max. milling width (mm) 4500 Max. milling width (mm) 1000 Max. milling depth (mm) 280 Transportation weight (t) (including 20% tank of fuel) 14.5 Operating weight (t) (including a half tank of water, a half tank of fuel and the 75kg operator) 15 Grossweight (t) (including a full tank of water, a full tank of fuel and the 75kg operator) 15.7 Manufacturer / Model Sany / D07S3-245E0 Emgine Rated power (kW) 180 Rated speed (rpm) 2200 Fuel consumption with full load (L/h) 44 Milling drum Milling drum 930 Milling drum Milling tool bit distance (mm) 15/18 Travel speed(km/h) 0-8 15/18 Travel drive mode All-wheel-drive 7yre Tyre type Solid rubber tyre Solid rubber tyre Tyre dimensions(mm) P620 × 260 Fuel tank capacity (L) 400 Hydraulic oil tank capacity (L) 800 Steering mode Front-wheel steering <t< td=""><td></td><td>Overall width (back side of right rear support leg) (mm)</td><td>2560</td></t<>		Overall width (back side of right rear support leg) (mm)	2560	
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Max. milling width (mm) 1000 Max. milling depth (mm) 280 Transportation weight (t) (including 20% tank of fuel) 14.5 Operating weight (t) (including a half tank of water, a half tank of fuel and the 75kg operator) 15 Grossweight (t) (including a full tank of water, a full tank of fuel and the 75kg operator) 15.7 Grossweight (t) (including a full tank of water, a full tank of fuel and the 75kg operator) Sany / D07s3-245E0 Emission China III Engine Rated power (kW) 180 Rated speed (rpm) 2200 Fuel consumption with full load (L/h) 44 Milling drum Milling tool bit distance (mm) 15/18 Travel speed(km/h) 0-8 Travel drive mode All-wheel-drive Travel mode Tyre Tyre type Solid rubber tyre Tyre dimensions(mm) 4620 × 260 Fuel tank capacity (L) 400 Hydraulic oil tank capacity (L) 800 Steering mode Front-wheel steering Steering angle 45° (left) / 60° (right) Rotor drive mode Mechanical bet	air icrisions	Height (tool nose is 310mm from ground) (mm)	3790	
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Milling drum Milling tool bit distance (mm) Travel speed(km/h) O-8 Travel drive mode All-wheel-drive Tyre Tyre type Solid rubber tyre Tyre dimensions(mm) Fuel tank capacity (L) Hydraulic oil tank capacity (L) Water tank capacity (L) Steering mode Steering angle All-wheel-drive All-wheel-drive Tyre Solid rubber tyre 400 400 Fuel tank capacity (L) 800 Steering mode Front-wheel steering Steering angle A5° (left) / 60° (right) Rotor drive mode		Fuel consumption with full load (L/h)	44	
Milling tool bit distance (mm) Travel speed(km/h) Travel drive mode Travel mode Tyre Tyre type Tyre dimensions(mm) Fuel tank capacity (L) Hydraulic oil tank capacity (L) Water tank capacity (L) Steering mode Steering angle Rotor drive mode Mechanical belt	Milling drum	Rotor diameter (mm)	930	
Travel drive mode Travel mode Tyre Tyre type Solid rubber tyre Tyre dimensions(mm) Fuel tank capacity (L) Hydraulic oil tank capacity (L) Water tank capacity (L) Steering mode Steering angle All-wheel-drive Tyre Solid rubber tyre 400 400 400 Front-wheel steering Steering mode Front-wheel steering Mechanical belt	willing aran	Milling tool bit distance (mm)	15/18	
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Tyre type Solid rubber tyre Tyre dimensions(mm) \$\Phi620 \times 260\$ Fuel tank capacity (L) Hydraulic oil tank capacity (L) Water tank capacity (L) Steering mode Steering angle A5° (left) / 60° (right) Rotor drive mode Solid rubber tyre Solid rubber tyre \$\Phi620 \times 260\$ \$400 \$\Phi000 \$\Phi000	Travel drive mo	ode	All-wheel-drive	
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Hydraulic oil tank capacity (L) Water tank capacity (L) Steering mode Front-wheel steering Steering angle 45° (left) / 60° (right) Rotor drive mode Mechanical belt	Tyre dimensions(mm)		Ф620×260	
Water tank capacity (L) Steering mode Steering angle Ats (left) / 60° (right) Rotor drive mode Rotor drive mode	Fuel tank capacity (L)		400	
Steering mode Front-wheel steering Steering angle 45° (left) / 60° (right) Rotor drive mode Mechanical belt	Hydraulic oil tank capacity (L)		120	
Steering angle 45° (left) / 60° (right) Rotor drive mode Mechanical belt	Water tank capacity (L)		800	
Rotor drive mode Mechanical belt	Steering mode		Front-wheel steering	
	Steering angle		45° (left) / 60° (right)	
Conveying mode Radward conveying	Rotor drive mode		Mechanical belt	
Dackward Conveying	Conveying mode		Backward conveying	
Width of conveyor belt (mm) 500	Width of conve	eyor belt (mm)	500	
Theoretical conveying capacity (m³/h) 115	Theoretical cor	nveying capacity (m³/h)	115	

Basic & optional configurations

Model	Basic configuration	Optional / additional configuration	
	Basic configuration	Name and specification	Configuration property
SCM1000C-8	SANY D07 engine+ 4WD + mechanical belt drive + milling drum with the standard cutter space + leveling program + foldable conveyor	Milling drum of quick-change toolholders (18 mm tool spacing)	Additional
		Fine milling drum (one milling tooth in a line)	Additional
		Fine milling drum (two milling teeth in a line)	Additional

Dimensions

Main dimension	SCM1000C-8
L1 (mm)	2690
L2 (mm)	4890
L3 (mm)	8520
L4 (mm)	9540
L5 (mm)	12560
H1 (mm)	3480
H2 (mm)	2690
H3 (mm)	4500
W1 (mm)	1450
W2 (mm)	1900
W3 (mm)	2320





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