



# SCM1000C-8 MILLING MACHINE



## 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  $\leq 1.2$  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

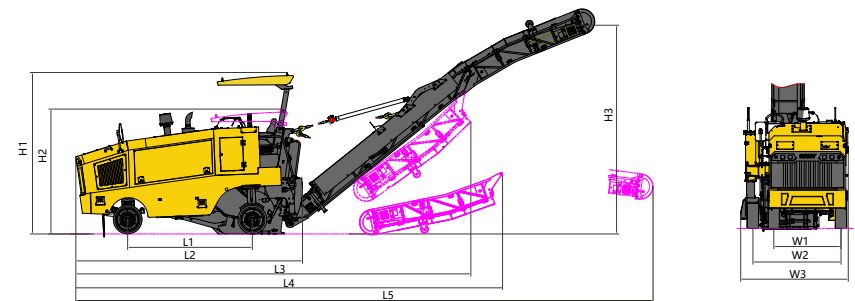
| Items   |   | SCM1000C-8               |
|---|---|--------------------------|
| Transpotion dimensions  | Overall length (with folded conveyor) (mm)                | 9540                     |
|   | Overall width (mm)  | 2320                     |
|   | Height (with folded canopy)(mm)                           | 2690                     |
| Working dimensions  | Overall length (with unfolded conveyor) (mm)              | 12560                    |
|   | Overall width (back side of right rear support leg) (mm)  | 2560                     |
|   | Overall width (front side of right rear support leg) (mm) | 1920                     |
|   | Height (tool nose is 310mm from ground) (mm)              | 3790                     |
|   | Max. discharging height (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)<br>(including a half tank of water, a half tank of fuel and the 75kg operator) |   | 15                       |
| Grossweight (t)<br>(including a full tank of water, a full tank of fuel and the 75kg operator)      |   | 15.7                     |
| Engine  | Manufacturer / Model                                      | Sany / D07S3-245E0       |
|   | Emission  | China III                |
|   | Rated power (kW)  | 180                      |
|   | Rated speed (rpm)   | 2200                     |
|   | Fuel consumption with full load (L/h)                     | 44                       |
| Milling drum  | Rotor diameter (mm)                                       | 930                      |
|   | 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)   |   | Φ620×260                 |
| Fuel tank capacity (L)  |   | 400                      |
| Hydraulic oil tank capacity (L)   |   | 120                      |
| Water tank capacity (L)   |   | 800                      |
| Steering mode   |   | Front-wheel steering     |
| Steering angle  |   | 45° (left) / 60° (right) |
| Rotor drive mode  |   | Mechanical belt          |
| Conveying mode  |   | Backward conveying       |
| Width of conveyor belt (mm)   |   | 500                      |
| Theoretical conveying capacity (m <sup>3</sup> /h)  |   | 115                      |

## Basic & optional configurations

| Model      | Basic configuration   | Optional / additional configuration                              |                        |
|------------|---|--|------------------------|
| SCM1000C-8 | SANY D07 engine+ 4WD<br>+ mechanical belt drive<br>+ milling drum with the standard cutter space<br>+ leveling program<br>+ foldable conveyor | Name and specification   | Configuration property |
|            |   | Milling drum of quick-change toolholders<br>(18 mm tool spacing) | Additional             |
|            |   | Fine milling drum<br>(one milling tooth in a line)               | Additional             |
|            |   | Fine milling drum<br>(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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The product configuration (including technical parameters) is subject to change and the delivered actual machine without notice.

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