

**SANY®**

# SCM2000C-8W MILLING MACHINE

## SCM2000C-8W 铣刨机

### Superb Milling Property

- ◆ Maximum 330mm milling depth makes it to finish the milling on surface layer, structure layer and basic layer in one time.
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### Powerful Conveying Ability

- ◆ 850mm extra wide conveyor belt mated with higher conveying speed guarantees the working ability under big quantity conveying.
- ◆ Left/right 60° ultra high swing angle suitable for loading all size material truck.

### Lightweight Body, Steady Operating

- ◆ Whole machine weight reduced to 31 ton which is convenient for Transportation by any six-axle vehicle.
- ◆ New designed structure and higher center of gravity contribute the traction and steady working condition to the largest extent.

### Reliable Power Matching Design

- ◆ Original USA Cummins engine coordinates with reasonable power curve guaranteed the engine working with high efficiency and long lifetime.
- ◆ Three shift speed governing is suitable for all working conditions and meet customer requirements on economical, efficient and fine modes.

### Intelligent, Convenient Operating Configuration

- ◆ Rotary operating position helps the operator to get bigger visual field when seated and to decrease the labor intensity.
- ◆ Simplified driving and operating panel and left/right adjustable indicator help the operator to get all milling parameters no matter seated on main position or side position.
- ◆ One button working and working pause mode helps to reduce operating difficulty and labor intensity.

### Convenient and Simple Maintenance

- ◆ Big open aperture for the engine cover and radiator cover saves 50% time for maintenance and cleaning inside engine room.
- ◆ Sufficient storage rooms is convenient for storing spare parts and tools
- ◆ Engine failure self-diagnosis, electrical components centralized, fuel and hydraulic oil filling at the same side.

### 优异的铣刨性能

- ◆ 铣刨鼓超大的容屑空间，切削废料快速排出，铣刨更高效。
- ◆ 最大 330mm 铣刨深度，可一次完成全厚度铣刨作业。
- ◆ 右侧最大 45CM 以内铣刨，无二次铣刨台阶。

### 智能、方便的操控布置

- ◆ 旋转式坐姿操作位，操作视野好，操作强度更低。
- ◆ 精简操作面板，可移动显示器，集成“一键施工”、“施工暂停”功能，施工操作更便利。

### 可靠的动力匹配设计

- ◆ 选用美国原装康明斯 447kW 发动机，动力强劲可靠。
- ◆ 三档工作档，满足经济、高效、精细等不同客户需求。

### 强大输送能力

- ◆ 850mm 超宽输送带，保证超大输送能力。
- ◆ 左右 60° 的摆角，适应各种复杂工况。

### 轻便机身，运行平稳

- ◆ 整机重量 31 吨，方便六轴车辆装卸运输。
- ◆ 重心设计合理，铣刨作业平稳。

### 维护保养便捷简单

- ◆ 大开度保养空间、多储物仓设计。
- ◆ 自带故障自诊断系统，方便检修自查。

TECHNICAL PARAMETER

技术参数

Technical Parameters of SCM2000C-8S Milling Machine

SCM2000C–8W 铣刨机技术参数

| 项 目 Items                                | SCM2000C-8W  |
|------------------------------------------|--------------|
| 铣刨宽度 Milling Width(mm)                   | 2010         |
| 铣刨深度 Milling Depth(mm)                   | 0~330        |
| 刀尖距 Milling Liine Distance(mm)           | 18           |
| 刀尖圆 Cutting Circle Diameter(mm)          | 1070         |
| 刀头数量 Number of Cutting Teeth(pc)         | 150          |
| 工作速度 Working Speed(km/h)                 | 0~5          |
| 发动机品牌 Engine Brand                       | WEICHAI      |
| 发动机型号 Engine Model                       | WP17G770E304 |
| 额定功率 Rated Power of Engine(kW)           | 566          |
| 额定转速 Rated Speed of Engine               | 1900         |
| 排放标准 Emission Standard                   | Tier3        |
| 电控系统电压 Voltage of Electric System(V)     | 24           |
| 最大重量 Gross Weight(t)                     | 35           |
| 工作重量 Operating weight(t)                 | 33           |
| 运输重量 Transportatation Weight(t)          | 31           |
| 燃油容量 Fuel Tank Capacity(L)               | 1080         |
| 水容量 Water Tank Capacity(L)               | 3200         |
| 液压油容量 Hydraulic Oil Tank Capacity(L)     | 270          |
| 一级皮带宽度 Width of Gathering Belt(mm)       | 850          |
| 二级皮带宽度 Width of Loader Conveyor Belt(mm) | 850          |

备注：  
工作重量包括半箱水、半箱燃油、机手（75kg）及刀具；  
Note:  
The operating weight includes that of a half tank of water, a half tank of fuel, the operator (75 kg) and cutting tool.

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Basic and Optional Configuration of SCM2000C-8S Milling Machine

SCM2000C–8W 铣刨机基本配置和选配方案

| 型号<br>Model | 基本配置<br>Basic Configuration                                                                                                                                                                                                                                                  |                                | 选配 / 加配<br>Optional/Additional Configuration                        |                                |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------------------------------------|--------------------------------|
|             | 基本配置<br>Basic Configuration                                                                                                                                                                                                                                                  | 名称规格<br>Name and Specification | 名称规格<br>Name and Specification                                      | 配置属性<br>Configuration Property |
| SCM2000C-8W | WEICHAI 发动机<br>+ SYMC 电控系统<br>+ 2.0m 标准间距铣刨鼓<br>+ 两纵坡—横坡找平传感器<br><br>+American Cummins engine<br>+ SYMC electronic control system<br>+ milling drum with 2.0m<br>standard space<br>+ two longitudinal gradient<br>leveling sensors and one cross<br>gradient leveling sensor | 2.0m 铣刨鼓<br>2.0m milling drum  | 2.0m 精铣刨鼓（一线一齿）<br>2.0m fine milling drum (one tooth<br>in a line)  | 选配<br>Optional                 |
|             |                                                                                                                                                                                                                                                                              | /                              | 2.0m 精铣刨鼓（一线二齿）<br>2.0-m fine milling drum (two teeth<br>in a line) | 选配<br>Optional                 |

| 主要尺寸 Main Dimension | SCM2000C-8W |
|---------------------|-------------|
| L1(mm)              | 15970       |
| L2(mm)              | 15143       |
| L3(mm)              | 12240       |
| L4(mm)              | 8420        |
| H1(mm)              | 4700        |
| H2(mm)              | 3150        |
| H3(mm)              | 3091        |
| H4(mm)              | 4064        |
| X1(mm)              | 2160        |
| X2(mm)              | 2660        |
| W1(mm)              | 1400        |
| W2(mm)              | 2300        |
| W3(mm)              | 2660        |

