

# SMC-5000 Slipform Paver



SMC-5000 cement concrete slipform paver is a medium-sized sliding form paver developed according to the product market demand and the current situation of our company's sliding form paver series. It is a product of the same technical grade as American POWER CURBERS 5700SB and German WIRTGEN SP15. In some performance indicators are still in a leading position. During construction, it mainly uses side mold mode and has the function of middle mold mode. It is widely used in curb stone, ditch, guardrail, protective wall, sidewalk and rural grade concrete pavement. Compared with traditional precast process and fixed die cast-in-place process, the sliding form paver has the advantages of fast construction speed, high efficiency and good quality.

## Related Configurations



# Performance Characteristics

## 1. Get in position quickly

The positioning of the mold can be adjusted by the hydraulic cylinder, greatly shortening the positioning time before construction. It is suitable for spreading under various working conditions.

## 2. The feeding position is adjustable

The screw feeding device adjusts the tilt Angle and front and rear position through the hydraulic cylinder to meet a variety of feeding conditions. The rotating Angle can be adjusted manually to narrow the fuselage during the transition and transportation of the sliding mould machine.

## 3. Track bias function

The right rear track has a hydraulic bias function, which can adjust track spacing, facilitate transportation and increase the spread width of the middle mode.

## 4. Multiple use of one machine

Mold bias: Used for curb stone, side ditch, anti-collision wall, etc.

Middle mold (optional) : Used for concrete structure of low grade rural roads, squares, sidewalks and agricultural irrigation canals.

## 5. One machine and multiple modes

According to different construction requirements, a variety of molds can be selected for users under reasonable design parameters to improve the utilization rate of pavers.

## 6. Full hydraulic drive

Imported brand load sensitive variable pump, energy saving, reduce the temperature of the hydraulic system. Hydraulic valves and other imported brands, superior and reliable performance. Vibrator adopts imported brand, excellent performance.

# Equipment Parameter

|                   |                        |                                                 |                    |                   |                             |
|-------------------|------------------------|-------------------------------------------------|--------------------|-------------------|-----------------------------|
| Working Parameter | Paving Width(mm)       | 0~2500(Side Placement)<br>0~3000(Mid Placement) | Hydraulic Vibrator | Brand             | WYCO                        |
|                   | Paving Height(mm)      | 0~1300                                          |                    | Vibrator circuits | 5/6/8                       |
|                   | Smoothness(mm/3m)      | ±3                                              |                    | Frequency (Hz)    | 0~167                       |
|                   | Paving speed(m/min)    | 0~10.5                                          | Box Volume         | Diesel Tank (L)   | 115                         |
|                   | Traveling speed(m/min) | 0~35                                            |                    | Water Tank (L)    | 284/420(optional)           |
| Machine Parameter | Feed System            | Spiral / belt                                   | Engine             | Type              | Shangchai SC4H140G4         |
|                   | Weight (t)             | 9                                               |                    | Rated Power(kW)   | 103kW/2200rpm               |
|                   | Transportation (mm)    | 5400*2150*2700                                  |                    | Emission Standard | Phase IV<br>(GB 20891-2014) |

# Construction Case



The sample is for reference only, the product will be updated at any time, the specific contract shall prevail. NO:20250418-5000

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