



Convenient and fast

- ◆ Equipped with cleaning hose reel and electric centralized lubrication system;
- ◆ Material clearance, distribution, auger, and canopy functions can all be controlled with a single button.

C10 Series



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Warm reminder:
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SPECIFICATION



Paver SAP45C-10

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Product Highlights

Repair of parks and urban roads, construction of sidewalks, cement-to-asphalt pavement in rural areas, and residential roads

Quick positioning

- ◆ One-button symmetrical extension/retraction (1.7–3.1m), extended to 4.5 meters by assembly, able to work once in place;
- ◆ The generator is driven by an independent pump and motor, enabling heating while working.

High flatness

- ◆ Unique large-diameter, long-span double telescopic sliding column + closed frame design, surface flatness symmetrical screed plate (2.5mm/3m), one-button symmetrical extension/retraction (1.7–3.1m), extended to 4.5 meters by assembly.

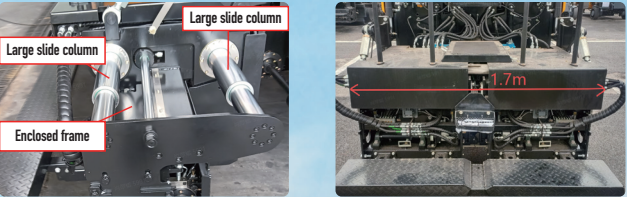


SAP45C-10

Paver
C10 Series

Unique technology of symmetrical screed plate

- ◆ With a 140mm large-diameter 3-layer telescopic sliding column of large span and closed frame design, the symmetrical screed plate features good rigidity, small deformation, and smoother paving;
- ◆ The screed plate vibrator and vibration system are independently driven by 8 motors, using forced synchroni-zation technology, with a speed error of ≤5%, the road surface is compacted and flat, and the density is consistent;
- ◆ Its basic paving width is 1.7 meters, easy at milling "grooves" and 2-meter wide path paving.



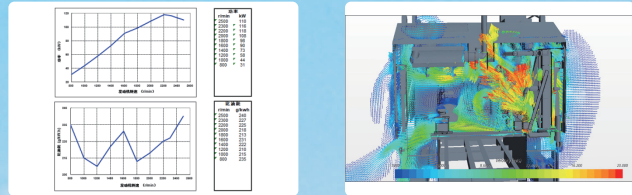
More convenient configurations

- ◆ Equipped with an electric lubrication pump, it doesn't need manual grease in daily maintenance;
- ◆ Equipped with a hydraulic cylinder lifting device, it offers easy segregation adjustment with integral lifting of auger;
- ◆ Under hydraulic and electric control, its canopy can be lifted/lowed by one button, saving time and effort;
- ◆ The cleaning device uses a hose reel, which is easy to use and does not require collection;
- ◆ The interior layout is simple and the maintenance parts are easily accessible.



Energy-saving and noise reduction technology

- ◆ DCEC China III 97kW engine is used, and no AdBlue needs to be added. With rated speed of 1,800rpm, it's working in the low fuel consumption area, with fuel economy;
- ◆ A hydraulic load sensitive system is used for conveying, distributing and vibrating. The system flow changes with the load, making the power output more efficient and the system more energy-saving;
- ◆ The sickle-shaped low-noise fan is selected, the compartment diversion technology is adopted, and the heat dissipation air duct is optimized to reduce the noise to below 85dB (A), so that the driver can easily make a phone call.



Third-generation electronic control system offers sensitive operation

- ◆ The third-generation controller SYAS which is independently developed, shortens the controller operation cycle to 5ms, increases the computing speed by 40%, makes the control more sensitive, and enables faster leveling response;
- ◆ The control panel uses a 10-inch display screen with rich displays and easy operation. Equipped with one-button material distributing and one-button cleaning functions, it offers convenient operation with reduced actions;
- ◆ The side control box is equipped with auger and scraper switches, reverse rotation function and vehicle emergency stop function, which makes the operation more user-friendly and safer.



Product options and smart kit

Item	Description of optional parts
Auger trough lighting lamp	Lighting for material level of auger trough in night construction
Temperature display of bottom plate	Automatic detection and control of heating temperature of screed bottom plate
Leveling system configuration upgrade	Optional leveling system: ① SANY balance beam (digital controller × 2 + ultrasonic sensor × 4) ② MOBA balance beam (digital controller × 2 + ultrasonic sensor × 4) ③ SANY digital leveling instrument (longitudinal slope sensor × 2 + transverse slope sensor × 1) ③ MOBA digital leveling instrument (longitudinal slope sensor × 2 + transverse slope sensor × 1)
Front cleaning device of the travel system	Add a cleaning device in front of the crawler

*: The above configuration needs to be priced separately.

Service environment of product

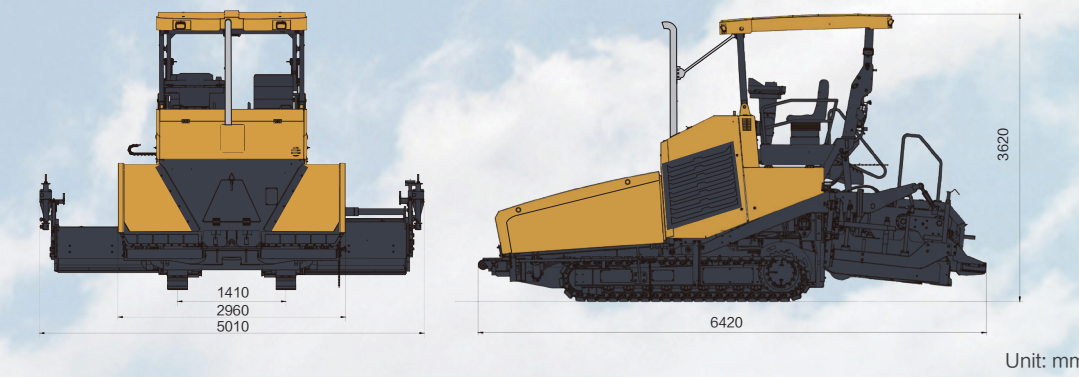
- ◆ Standard configuration: altitude ≤ 2500 meters (optional plateau configuration is required if altitude is more than 2500 meters);
- ◆ Operating ambient temperature: 5℃-40℃;
- ◆ If it is beyond the above scope of application, please contact SANY Road Machinery for consultation.



Product Parameters

Overall Dimensions

The following are standard parameters, and the actual product will vary depending on the configuration.



Item	SAP45C-10
Maximum theoretical paving capacity (t/h)	320
Maximum paving width (m)	Hydraulic: 4.5
Basic width (m)	Hydraulic: 1.7~3.1
Maximum paving thickness (cm)	25
Working speed (m/min)	1.5~32
Traveling speed km/h	0~3.5
Transportation dimension (mm)	Hydraulic: 6250×2400×3160
Engine brand	Dongfeng Cummins
Engine model	QSB4.5
Rated power (kW)	97
Emission standard	China III
Voltage of electronic control system (V)	24
Maximum gradeability	≥20%
Hopper capacity (m3)	6
Heating mode	Electric heated
Camber adjustment range (%)	-1~3
Vibration quantity	1
Vibration amplitude (mm)	4
Vibration frequency (Hz)	0~25
Vibration frequency (Hz)	0~25