



### Intelligent and convenient

- ◆ A 10-inch touch screen, electric lifting canopy, central centralized automatic lubrication device, diesel-electric cleaning device, hydraulic arch adjustment, hopper receiving device, and functions including "one-click distribution" and "one-click cleaning" improve the operation experience and reduce the labor intensity.

**C10 Series**



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**SANY®**

## SPECIFICATION



## Paver SSP90C-10RU

QUALITY CHANGES THE WORLD  
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### Product Highlights

#### Strong power, low noise and fuel-efficient

- ◆ A dedicated Sany Deutz engine for pavers saves fuel efficiency by 20%.
- ◆ The large radiator system is equipped with an intelligent fan, whose maximum noise next to the driver's ear does not exceed 84 dB, so there are no more communication barriers between people around the equipment.

#### Flat and dense

- ◆ The screed plate adopts long-span and large-diameter double struts and a four-point support structure to ensure ultra-high paving flatness and industry-leading torsional resistance.
- ◆ It also features simultaneous construction and heating, meeting the high-efficiency heating requirements, and thus greatly improving paving quality.



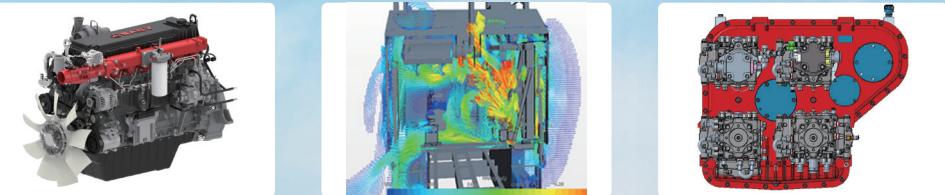


SSP90C-10RU

Paver  
C10 Series

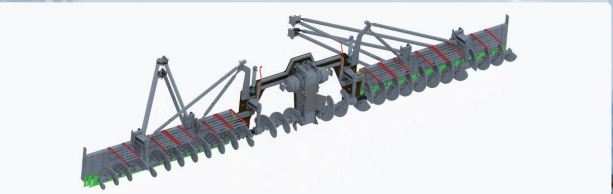
### Power System

- ◆ Equipped with a special SANY DEUTZ engine, it is of the maximum power 180kW; low speed and high torque characteristics ensure that surge power output can still be maintained under various complex working conditions, and fuel saving reaches 20%;
- ◆ Fluid simulation technology is used to simulate the heat dissipation capacity of wind field. It has super-strong heat dissipation capacity while meeting the worst working conditions, and reduces the noise near the driver's ear to 83dB; the applicable ambient temperature can reach 50℃ ;
- ◆ A one-to-five transfer case is used, and a pump set specially used for power generation is added to realize the heating function while walking, so as to avoid sticking materials caused by the temperature drop of screed plate and achieve better paving effect.



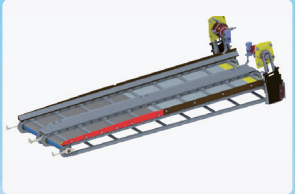
### Power System

- ◆ SANY self-made reducer is used, with the maximum output torque of 10,000N.m to ensure stable and reliable material distribution;
- ◆ Equipped with 480/420/360 variable diameter and pitch helix blades and special-shaped anti-segregation blades, it is of super strong feeding capacity. At the same time, it is equipped with the narrowest screw case in the industry to minimize segregation;
- ◆ It is equipped with central automatic lubrication system to ensure the stability and controllability of transmission part during ultra-long operation;
- ◆ Hydraulic lifting helix distribution system, with a lifting stroke of 200mm and one-button direct access to the best anti-segregation position.



### Conveying System

- ◆ The conveying base plate, guide plate and screeding base plate are all made of thickened wear-resistant steel plates, with a service life longer than that of other manufacturers by more than 30%.



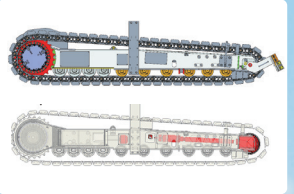
### Control System

- ◆ The concept of ergonomics is used for the operation panel, and the 10-inch touch screen is placed in the middle. One-click distribution and one-click cleaning functions are added. The side control box is equipped with conveying and distributing stop and reverse control buttons to control materials more uniformly;
- ◆ Even if the operator wears gloves for operation, the switch-type control element also brings an excellent operating feel;
- ◆ It has excellent waterproof performance and reliability.



### Driving System

- ◆ Unique patented intelligent tensioning technology ensures stable and reliable crawler tensioning;
- ◆ The gear skipping and derailment is avoided, so as to make incremental launching more stable and ensure the construction flatness;
- ◆ A front cleaning device of crawler is added to remove obstacles in front of the crawler and ensure smooth driving.



### Hopper

- ◆ The strengthened and thickened hopper design can effectively resist the normal impact of the skip and ensure no deformation;
- ◆ A receiving device is added at the front end of the hopper to reduce material leakage at the front end during opening and closing.



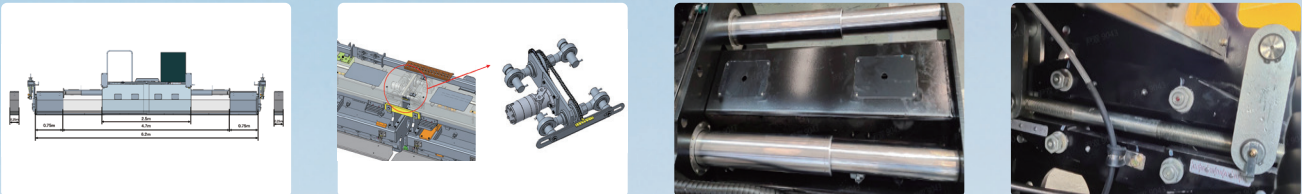
### Roof

- ◆ The lateral retractable roof is designed to provide the operator with the most comfortable construction environment;
- ◆ The roof linked with the exhaust pipe is convenient to operate;
- ◆ The roof controlled by electronic hydraulic control can easily and conveniently.



### Screeding Device

- ◆ Single vibrating, electric heating, symmetrical telescopic screed plate with a basic width of 2.5-4.7m, side section splicing of 0.75+0.25m as standard configuration, and maximum paving width of 6.7m; on the basis of standard configuration, two sections of 0.75m screed can be added to the left and right respectively, and the maximum paving width can reach 8.2m;
- ◆ Large-span and large-diameter double sliding pipes are designed with four-point support, which has super torsional and deformation resistance;
- ◆ With the electro-hydraulic arch adjustment function as standard configuration, it is easy to operate and reduce labor intensity;
- ◆ The height difference of the expansion section is adjustable, which can help to obtain an ideal construction pavement; the amplitude is adjustable by 2/4/6/8, which can be adjusted as required to meet different oil levels and thickness requirements.



### Hydraulic System

- ◆ Key parts and components shall be of first-class international brands or products with independent core technology of SANY;
- ◆ The screed plate changed to full-floating control can increase the reaction speed by more than 50% and effectively improve the pavement flatness;
- ◆ A new generation of upgraded hydraulic system is used to increase the leveling speed by 30%;
- ◆ A secondary overflow is added to the screed plate telescopic system to reduce the retraction overflow pressure by 30% and completely improve the deformation of the side baffle of the screed.



### Electrical System

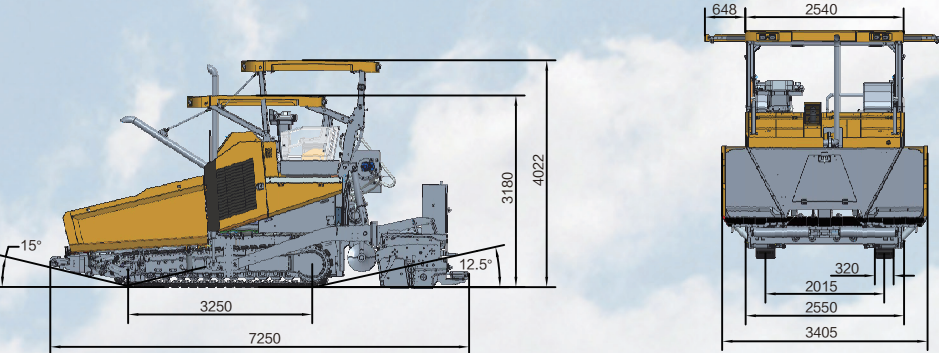
- ◆ The control technology of the third-generation controller + CAN bus for special projects is upgraded. Under complex working conditions of multi-system cooperation, the control is more precise and accurate, and the computing speed of the whole machine is increased by 20%;
- ◆ Advanced starting and stopping control methods are used to ensure high flatness in the whole paving construction process;
- ◆ It is equipped with 10 lighting lamps and 1 mobile portable lighting lamp to provide a safe and convenient night construction environment.



## Product Parameters

#### Overall Dimensions

The following are standard configuration measurements, and the physical items vary depending on the options.



Unit: mm

Item		Performance parameter
Complete Machine Parameters	Max. theoretical paving capacity (t/h)	900
	Maximum paving width (m)	8.2
	Basic paving width (m)	2.5-4.7
	Maximum paving thickness (cm)	50
	Paving speed (m/min)	25
	Driving speed (km/h)	3
Power System	Transportation dimension (mm)	7250×2550×3180
	Engine type	SANY D07S3-245E0, 6-cylinder
	Rated power (kW/rpm)	180kW/2200rpm
	ECO mode	150kW/1600rpm
	Emission standard	China III
	Type of cooling	Water cooled
Driving System	Track length (mm)	3250
	Crawler belt width (mm)	320
Hopper	Capacity (m³)	8.5
	Internal width (mm)	3262
	Material receiving height (mm)	580

Item		Performance parameter
Conveying System	Qty.	2
	Conveying speed (m/min)	0-28
Distribution System	Qty.	2
	Dispensing speed (rpm)	0-100
	Blade diameter (mm)	480/420/360
	Height adjustment range (mm)	200
Screeding Device	Basic width (m)	2.5-4.7
	Camber adjustment range	-1%-3%
	Number of vibration	1
	Vibration amplitude (mm)	0/2/4/6/8
	Vibrating speed (rpm)	0-1500
	Vibrator frequency (Hz)	0-50
Electrical System	Voltage of electronic control system (V)	24