

SANY®

QUALITY CHANGES THE WORLD

SAP90C-10S

SANY PAVER



3m

Basic paving width



9.2m

Maximum paving width



900t/h

Maximum paving capacity



158kW/1800rpm

Engine power

Operating ambient temperature: 5 °C -40 °C; Altitude ≤2500 meters.



三一路机微信公众号
即刻扫码，了解更多详情



Intelligent, Labor-saving & Convenient

- Assisted operation: Leveraging a high-performance computing platform, a high-precision monocular camera, and intelligent algorithms to deliver an industry-leading assisted operation system that can reduce the need for on-site assistants by 1 to 2 personnel;
- High-precision edge-following paving: Utilizing monocular depth estimation technology, the system automatically recognizes curbs, lime lines, guardrails, formwork for medians, and other boundaries to achieve automated curb tracking with a precision of ≤ 3 cm.
- Ultimate convenience: Elevation and camber adjustments by electronic control can eliminate pavement elevation differences with a single touch (4cm travel range) for hassle-free operation;
- Greater efficiency: The hopper can achieve automatic cleaning and quickly remove residual asphalt; Powered by a 35kW variable-frequency generator, it can heat up to 100°C in just 20 minutes.



Even & Compact

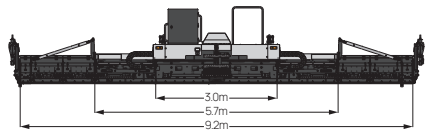
- Enhanced rigidity: A proprietary 170mm triple-layer telescopic sleeve with integrated retainer effectively resists material pile pressure to reduce deformation and improve paving smoothness.
- Improved compaction: The vibration and tamping system of the screed is independently driven by 8 motors with forced synchronization ($\leq 5\%$ speed deviation) for a consistently even and compact subgrade
- Anti-segregation: The auger baffle is equipped with a flexible material curtain that prevents the paving mix from rolling and tumbling, thereby eliminating segregation.
- Slippage prevention: By regulating the material level via the telescopic chute, the system reduces material pile pressure to prevent track slippage during travel.



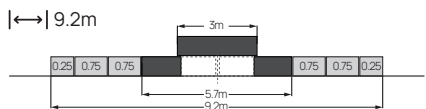
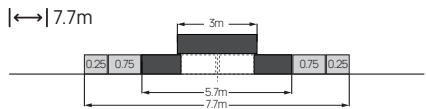
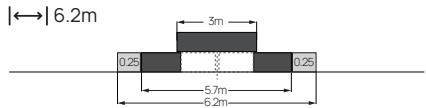
Extremely Reliable

- Backed by 25 years of dedicated paver development experience and a comprehensive testing system validating the reliability across all scenarios and components.
- Equipped with a SANY independently developed 1-in-5 gearbox that optimally distributes loads, ensuring an extended service life.
- Equipped with the closed-loop hydraulic system and a three-stage filtration circuit to ensure enhanced fluid cleanliness, thus delivering extended service life and superior reliability for the pump and motor group.
- A compartmentalized and ducted engine compartment ensures optimized airflow, delivering an airflow capacity of 5m³/s and powerful cooling performance, thus ensuring stable and reliable operation for 24-hour continuous construction.

Overview Diagram Of Screed Plate



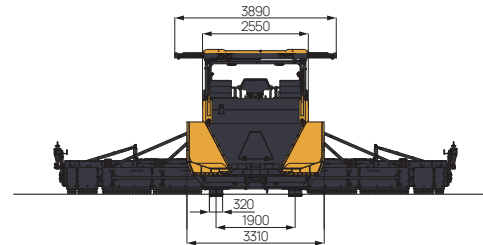
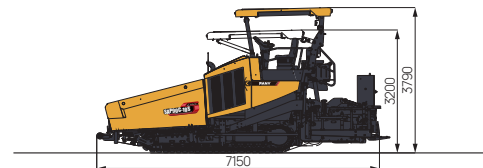
List 3 important assembly methods according to the road construction width.



Overall Dimensions

The following are the measured values corresponding to the standard feature, and the actual products shall be subject to the optional features.

Unit: mm



Technical Specifications

CATEGORY	ITEM	UNIT	PARAMETERS
Main performance data	Basic paving width	mm	3000
	Extension width of main section screed plate	mm	5700
	Maximum paving width	mm	9200
	Maximum paving thickness	mm	350
	Theoretical productivity of paving	t/h	900
	Asphalt paving flatness	mm/m	12/3
	Maximum construction ambient temperature	°C	45
	Voltage of electronic control system	V	24
Power system parameters	Engine model	-	Cummins QSB6.7
	Rated output power	kW/rpm	158/1800
	Maximum output torque	N.m/rpm	830/1600
	Emission standard	-	China III
Travel system	Oil tank capacity	L	360
	Track shoe width	mm	320
	Track roller centers	mm	3135
	Maximum paving speed	m/min	24
Hopper	Maximum traveling speed	km/h	3
	Hopper capacity	t	16
	Hopper width	mm	3310
	Hopper depth	mm	2450
Scraper conveying system	Scraper conveyor	-	Left and right independent drive, reversible
	Maximum conveying speed	m/min	32
Auger distribution system	Maximum rotation speed	rpm	105
	Diameter of auger conveyor	mm	480, 400
	Height adjustment stroke	mm	200
	Material of auger blade	-	High chromium cast iron
Screed system	Number and frequency of tampers	Pcs/Hz	1/25
	Vibration frequency	Hz	50
	Modular screed specifications	m	0.75, 0.25
	Screed plate heating mode	-	Electric heating
Dimensions	Camber adjustment mode and range	-	Electric/-1%~+3%
	Full length of machine	mm	7150
	Transport width	mm	3100
	Transport height	mm	3200
	Height in working state	mm	3800
	Transportation weight (main machine + main section screed plate)	t	20.5

Configuration

● Standard ○ Optional

ITEM	SAP90C-10S	ITEM	SAP90C-10S
Screed plate vibration function	●	Electric cleaning	●
Screed plate tamping function	●	Driver assistance system	●
Heating while traveling	●	Automatic extension of screed	○
Electric adjustment for screed height difference	●	Electric lifting of canopy	●
Electric adjustment for screed camber	●	MOBA analog leveling instrument	●
Telescopic conveyor chute	●	SANY digital leveling instrument	○
Foldable spiral striker	●	MOBA leveling beam	○
Hopper cleaning device	●	SANY leveling beam	○
Travel cleaning device	○		

Reminder:

Any change in the technical parameters and configuration due to product modification or upgrade may occur without prior notice. The machine in the picture may include additional equipment. This brochure is for reference only, and goods in kind shall prevail.

Copyright at SANY. No part of this brochure may be copied or used for any purpose without written approval from SANY.

© Version 2025-09-06

SANY Concrete & Road | [f](#) [in](#) [v](#) | www.sanyglobal.com



Contact SANY Group Download MySANY