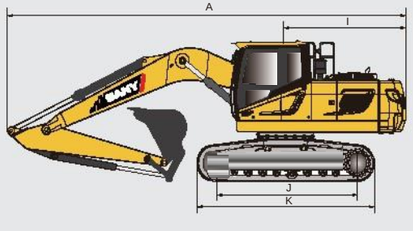
SY215C-S

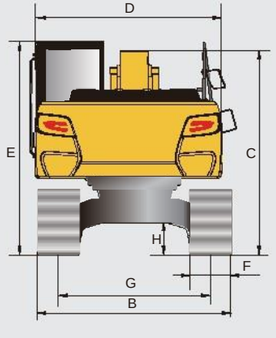


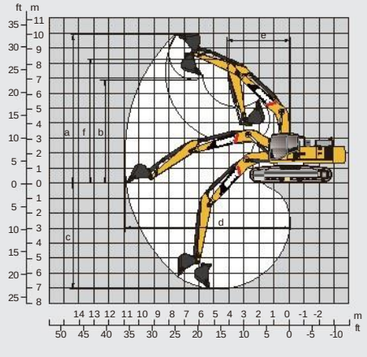
Specifications	SY215C-S
Machine Weight	21900kg
Bucket Capacity	1.1m³
Engine	Mitsubishi 4M50
Type	4-Stroke, Water-Cooled Direct Injection, Turbocharged
Rated Power	118kW/2000rpm
Maximum Torque	620Nm/1500rpm
Displacement	4.899L
Travel Speed (High/Low)	5.4/3.4(km/h)
Slewing Speed	11.6rpm
Climbing Ability	70%(35°)
Ground Pressure	47.4kpa
Bucket Digging Force	138kN
Stick Digging Force	103kN

Overall Dimensions (mm)	SY215C-S
A. Total length (during transport)	9680
B. Overall Width	2980
C. Overall Height (During Transport)	3440
D. Top Height	2728
E. Overall Height (Cab Top)	3100
F. Standard Track Shoe Width	600
G. Track Gauge	2380
H. Minimum Ground Clearance	470
I. Tail Turning Radius	2870
J. Track Shoe Ground Contact Length	3445
K. Track length	4250

Working Range (mm)	SY215C-S
a. Maximum digging height	9600
b. Maximum Unloading Height	6730
c. Maximum Digging Depth	6600
d. Maximum Digging Radius	10280
e. Minimum Turning Radius	3730
f. Maximum Height at Minimum Turning Radius	7680







Sany Heavy Machinery WeChat Official Account

Sany Heavy Machinery Douyin Account

SANY Heavy Machinery Co., Ltd. Address: SANY Industrial Park, Dongcheng Avenue, Kunshan Economic and Technological Development Zone, Jiangsu Province, China Postcode: 215300

After-sales service hotline: 400-828-2318 Inquiry and complaint hotline: 400-887-9318 Website:http://www.sanygroup.com

This manual is as comprehensive and detailed as possible based on existing information. However, considering that Sany Heavy Machinery Co., Ltd. is constantly updating this product manual is for reference only. The appearance, configuration, and technical parameters of specific

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SANY®

Quality changes the world

SY215C-S

Rated Power: 118kW/2000rpm

Machine Weight: 21900kg

Standard Bucket Capacity: 1.1m³ ³



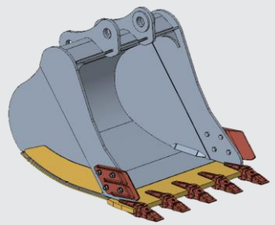
Comprehensive Upgrade Higher Value

- New Power
- New Technology
- New Design
- More Energy Efficient
- More Environmentally Friendly
- More Reliable

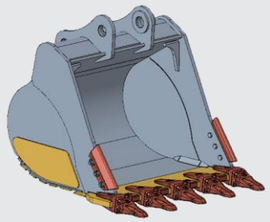
Bucket Upgrade

Standard earthmoving bucket, rock bucket optional, achieving "one bucket for one condition" to meet the needs of different working conditions. Optimized bucket shape increases material penetration smoothness and reduces friction. Increased angle between the front cutting edge and the support base plate improves bucket fullness. Reduced average resistance during digging increases digging efficiency.

Earthmoving Bucket



Rock Bucket



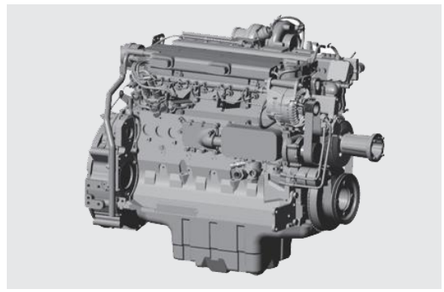
Intelligent System

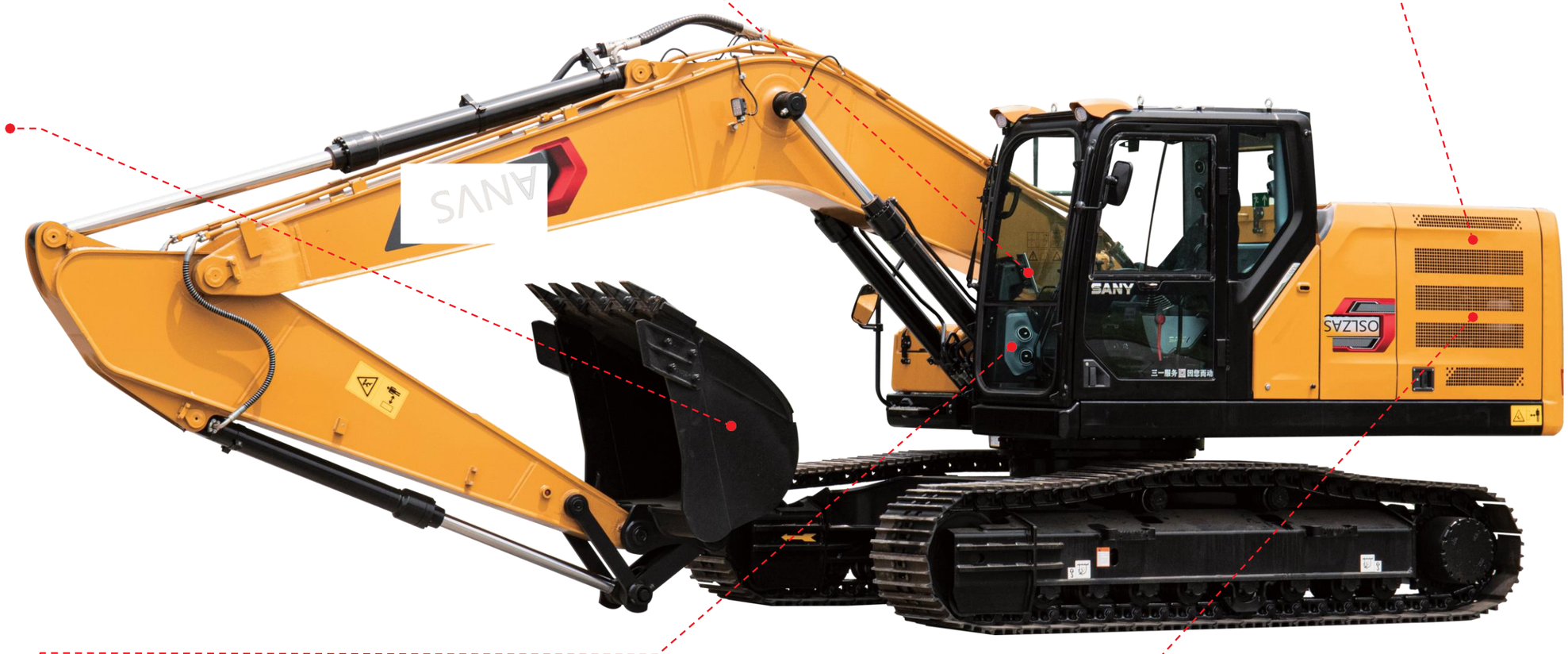
The 10-inch screen has been upgraded again; the system integration is higher, and the body control and power management are integrated into one; it supports 4G network OTA upgrades and adds a one-click recall function; the night-time shutdown lights are delayed, the front and back display screens can be switched with one click, and the rear camera and other configurations ensure driving safety.



Power System

Equipped with a Mitsubishi Fuso 4M50 engine, rated power reaches 118kW, with high torque, high durability, and faster dynamic response.





New Air Conditioning System

Equipped with a new air conditioning system, optimized air ducts for stronger cooling effect and more reasonable airflow distribution. Air conditioning evaporator can be cleaned and maintained inside the vehicle, making cleaning simpler.



Hydraulic System

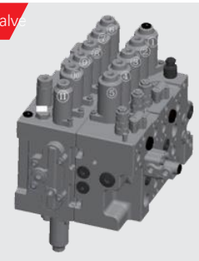
Equipped with a Kawasaki fully electronically controlled main valve and Kawasaki main pump, through optimized control strategies, it achieves boom regeneration and rapid oil return, improving the overall digging efficiency and handling performance. The plunger pump displacement has been increased to 125cc, expanding the engine's usable speed range and making it easier to operate in the economical fuel consumption zone.

Newly upgraded 14D reducer, improving swing capability, enhancing ramp work ability, and accelerating swing start speed.

Main Pump



Main Valve



Slewing Motor

