



SANY

POWER FOR YOU

Quality Changes the World

C9 SERIES

SY210C-9

- Operating Weight : 20900kg
- Bucket Capacity : 0.93m³ GP
- Engine Power : 140HP(104KW)/2100rpm



Advance Dynamic Control



- DOMCS intelligent control
- Positive flow control
- Different working modes

High Profitability



- Low fuel consumption
- Higher working efficiency
- Lower maintenance cost

Remote Monitoring System



- Advance GPRS monitoring
- Remote error diagnosis
- Smart machine alerts

Stable & Reliable



- Proven hydraulic components
- Heavy duty structure
- Robust under carriage

SPECIFICATIONS

SY210C-9

ENGINE

Model	Cummins 6BT5.9-C140
Type	6 cylinder in-line Water Cooled
Rated Engine Power	140 HP(104 kW) @ 2000 rpm
Max. Torque	571 N.m @ 1300 rpm
Batteries	2 X 12 V
Displacement	5.9 L

CONTROL SYSTEM

Control System	DOMCS Intelligent Controller
Control Hydraulic System	Positive Flow
Working Modes	H S L B
Remote Monitoring System	GPRS, GPS, GIS

HYDRAULIC SYSTEM

Main Pumps	2 Variable Displacements Axial Piston Pumps
Max. Flow	2 X 210 lpm
Pilot Pump	1 Gear Pump
Travel Motor	2 Axial Piston Motor with Parking Brake
Swing Motor	1 Axial Piston Motor with Swing Holding Brake

RELIEF VALVE SETTINGS

Implement Circuit	34.3 Mpa
Swing Circuit	28 Mpa
Travel Circuit	34.3 Mpa
Pilot Circuit	3.9 Mpa

UNDERCARRIAGE & WORKING DEVICE

Track Shoes(each side)	45
Upper Rollers	2
Lower Rollers	7
Track Guard	2
Std. Track	600 mm
Std. Boom	5700 mm
Std. Arm	2400 mm
Std. Bucket	0.93 m ³ GP

PERFORMANCE

Max. Travel Speed(High/Low)	5.4/3.3 km/h
Swing Speed	11 rpm
Gradeability	70% / 35°
Ground Pressure	47.3 kPa
Max. Tracking Force	209 kN
Bucket Digging Force	138 kN
Arm Digging Force	129 kN

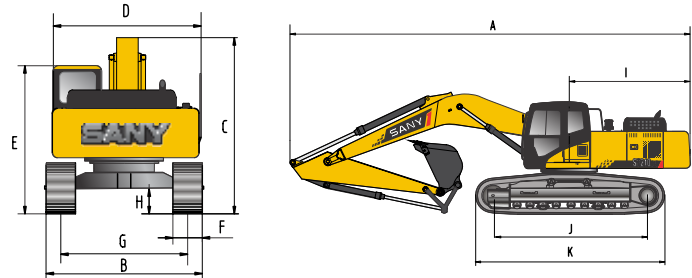
SERVICE REFILL CAPACITIES

Hydraulic Tank	239 L
Fuel Tank	340 L
Engine Oil	22 L
Radiator	24 L
Swing Device	4 L
Travel Device	2x5.5 L

CAB

AC	Std.
Cabin Guard	Opt.

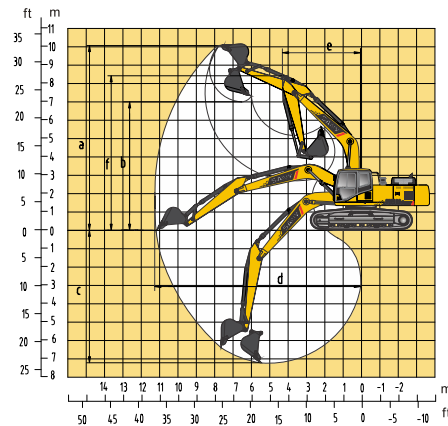
DIMENSION (Unit: mm)



DIMENSION (Unit: mm)

	Arm 2400	Arm 2900
A. Overall Length	9650	9680
B. Overall Width	2980	2980
C. Overall Height	3440	3440
D. Upper Width	2875	2875
E. Overall Height of Cab	2990	2990
F. Std. Track Shoe Width	600	600
G. Track Gauge	2200	2200
H. Min. Ground Clearance	440	440
I. Rear-end Swing Radius	2890	2890
J. Distance between Tumbles	3260	3260
K. Under Carriage Length	4060	4060

WORKING RANGE (Unit: mm)



WORKING RANGE

	Arm 2400	Arm 2900
a. Max. Cutting Height	9113	9600
b. Max. Dumping Height	6252	6699
c. Max. Digging Depth	6037	6600
d. Max. Digging Reach	9312	9945
e. Min. Swing Radius	3730	3730
f. Max. Height at Min. Swing Radius	7680	7680

BUCKET

Capacity	Width (mm)	Weight (kg)	Tooth Point	Arm Length	
				2.4m	2.9m
0.93 m ³ GP-Std.	1316	780	5	■	●
0.9 m ³ HD-Opt.	1176	870	4	■	●

- Suitable for materials with density of 1800 kg/m³ (3030 lb/yd³) or less
- Suitable for materials with density of 1600 kg/m³ (2700 lb/yd³) or less
- △ Suitable for materials with density of 1100 kg/m³ (1850 lb/yd³) or less

SANY HEAVY INDUSTRY INDIA PVT. LTD.

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Material & specification are subject to change without notice in accordance with our continuous technical innovations. Featured machines in photos may include additional.