



Quality Changes the World

C9 SERIES

SY20C

- Operating Weight : 1750 Kg
- Bucket Capacity : 0.04 m³
- Engine Power : 10.3KW/2200rpm



- **Energy Saving and Environment Friendly:** EPA Tier 4F engine with optimized power matching technique effects high efficiency and low emission.
- **Safe and Comfortable:** Standard canopy with newly-designed damping system and multi level noise reduction design makes operation safer and more comfortable.
- **Good Controllability:** Controllability is optimized with the application of mature load sensing system and independently developed hydraulic commissioning technique.
- **Stable and Reliable:** Reinforced work equipment and high strength slewing circle provide a more stable overall performance of the machine.

SANY HEAVY INDUSTRY INDIA PVT. LTD.

SPECIFICATIONS

SY20C

ENGINE

Model	Yanmar 3TNV70
Type	3 Cylinder, Inline, Water Cooled Diesel
Rated Engine Power	10.3KW/2200rpm
Max. Torque	48.2-52.4 N.m @1600 rpm
Batteries	1X12V
Displacement	0.854L

CONTROL SYSTEM

Control Hydraulic System	Load sensitive
Working Modes	Hand throttle steeples speed regulating
Remote Monitoring System	

HYDRAULIC SYSTEM

Main Pumps	Variable displacement axial piston pump
Max. Flow	41.8LPM
Pilot Pump	NA
Travel Motor	2 Axial piston motor with parking brake
Swing Motor	1 Axial piston motor

RELIEF VALVE SETTINGS

Implement Circuit	24.5 MPa
Swing Circuit	16 MPa
Travel Circuit	24.5 MPa
Pilot Circuit	4.5 MPa

UNDERCARRIAGE & WORKING DEVICE

Track Shoes (Each Side)	37
Upper Rollers	2
Lower Rollers	3
Track Guard (Each Side)	1
Std. Track	230 mm
Std. Boom	1810 mm
Std. Arm	1130 mm
Std. Bucket	0.04 m ³

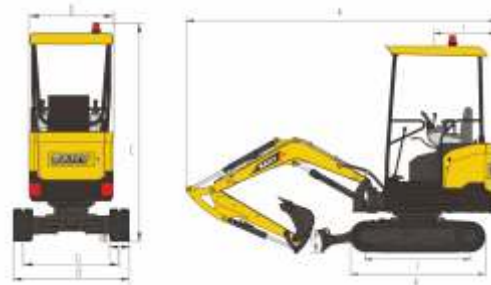
PERFORMANCE

Max. Travel Speed(High/Low)	3.7/2.1 km/h
Swing Speed	10rpm
Grade ability	70% / 35°
Ground Pressure	29.1 kPa
Max. Tracking Force	17.2 kpa
Bucket Digging Force	15.2 kN
Arm Digging Force	9.2 kN

SERVICE REFILL CAPACITIES

Hydraulic Tank	21 L
Fuel Tank	23 L
Engine Oil	2 L
Radiator	3.8 L
Swing Device	No
Travel Device	2x0.33L

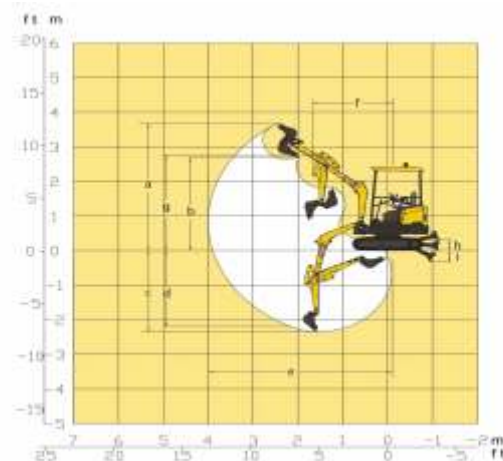
DIMENSION (Unit: mm)



DIMENSION (Unit: mm)

	Arm 1130
A. Overall Length	3575
B. Overall Width	980/1350
C. Overall Height	2420
D. Upper Width	980
E. Blade Height	270
F. Std. Track Shoe Width	230
G. Track Gauge	750/1120
H. Min. Ground Clearance	180
I. Rear-end Swing Radius	920
J. Distance Between Tumblers	1225
K. Under Carriage Length	1585

WORKING RANGE (Unit: mm)



WORKING RANGE

	Arm 1130
a. Max. Cutting Height	3665
b. Max. Dipping Height	2635
c. Max. Digging Depth	2360
d. Vertical Digging Depth	2215
e. Max. Digging Reach	3900
f. Min. Swing Radius	1655
g. Max. Height At Min. Swing Radius	2745
h. Max. Ground Clearance of Blade Up	310
i. Max. Depth of Blade Down	320

SANY HEAVY INDUSTRY INDIA PVT. LTD.

HEAD OFFICE

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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.

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