



SANY

Quality Changes the World

Operating Weight : 23100 kg Bucket Capacity : 0.9-1.1 m³ Engine Power : 155 HP (115.5 KW)/ 2050 rpm

**EXCELLENT PERFORMANCE
HIGH RELIABILITY
EASE OF SERVICEABILITY**



SERIES 9
SY230LC
HYDRAULIC EXCAVATOR

SPECIFICATIONS

SY230LC-9H

ENGINE

Model	SANY Mitsubishi D06S2
Type	6 Cylinder, Inline, Water Cooled
Rated Engine Power	155HP(115KW) @ 2050 rpm
Max. Torque	578.59 N.m @ 1400rpm
Batteries	2 X 12 V
Displacement	5.86L

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 Displacement Axial Piston Pumps
Max. Flow	2 X 220 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	25.5 Mpa
Travel Circuit	34.3 Mpa
Pilot Circuit	3.9 Mpa

UNDERCARRIAGE & WORKING DEVICE

Track Shoes (Each Side)	49
Upper Rollers	2
Lower Rollers	9
Track Guard (Each Side)	1
Std. Track	600 mm
Std. Boom	5700 mm
Std. Arm	2400 mm
Std. Bucket	m ³ GP

PERFORMANCE

Max. Travel Speed(High/Low)	5.4/3.3 km/h
Swing Speed	11 rpm
Grade ability	70% / 35°
Ground Pressure	47 kPa
Max. Tracking Force	209 kN
Bucket Digging Force	152 kN
Arm Digging Force	137 kN

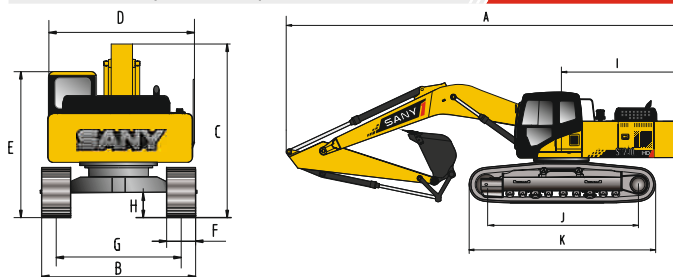
SERVICE REFILL CAPACITIES

Hydraulic Tank	230L (Tank)	170 (Refill)
Fuel Tank	340 L	
Engine Oil	22.75L	
Radiator	24L	
Swing Device	4 L	
Travel Device	2×5.5 L	

CAB

AC	Std.
Cabin Guard	Opt.

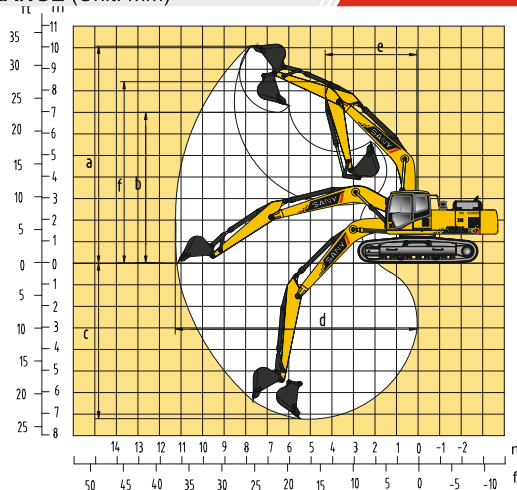
DIMENSION (Unit: mm)



DIMENSION (Unit: mm)

	Arm 2900	Arm 2500
A. Overall Length	9920	9920
B. Overall Width	2980	2980
C. Overall Height	3550	3550
D. Upper Width	2710	2710
E. Overall Height of Cab	2990	2990
F. Std. Track Shoe Width	600	600
G. Track Gauge	2380	2380
H. Min. Ground Clearance	440	440
I. Rear-end Swing Radius	2890	2890
J. Distance between Tumbles	3640	3640
K. Under Carriage Length	4445	4445

WORKING RANGE (Unit: mm)



WORKING RANGE

	Arm 2900	Arm 2500
a. Max. Cutting Height	9640	9270
b. Max. Dumping Height	6725	6405
c. Max. Digging Depth	6785	6340
d. Max. Digging Reach	10150	9690
e. Min. Swing Radius	3800	3915
f. Max. Height at Min. Swing Radius	7940	8125

BUCKET

Capacity	Width (mm)	Weight (kg)	Arm Length	
			2.9m	2.5m
1.2 m ³ HD-Std.	1312	928	✓	✓
1.4 m ³ GP-Opt.	1609	1075	-	✓

SANY HEAVY INDUSTRY INDIA PVT. LTD.

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