

# SANY

Quality Changes the World

## SY55C

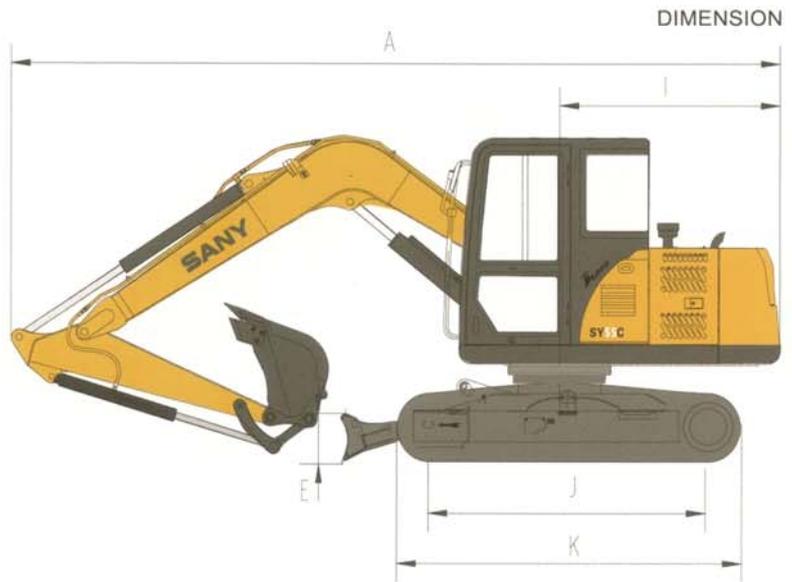
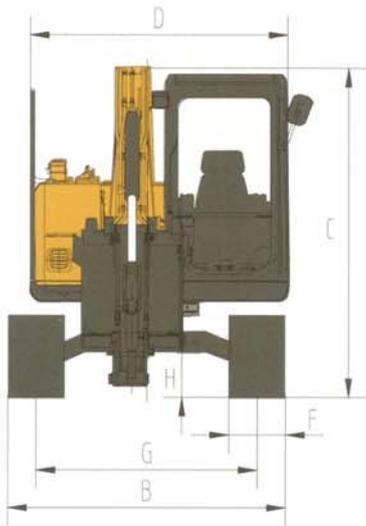
### SANY Excavator Lines



Photos and illustrations may include additional equipments

### SANY HYDRAULIC EXCAVATOR SY55C





DIMENSION

**MODEL SY55C**

**ENGINE**

a. MAKE	ISUZU
b. MODEL	4JG1-NABGB-04-C2
c. GROSS POWER	54.8 Hp / 40.9 kw
d. DISPLACEMENT	186 CU.IN / 3.059 L
e. POWER MEASURED @	2.100 rpm
f. NUMBER OF CYLINDER	4

**OPERATIONAL**

a. OPERATING WEIGHT	12.742 lb / 5.780 kg
b. FUEL CAPACITY	130 liters
c. COOLING SYSTEM CAPACITY	12 liters
d. HYDRAULIC TANK CAPACITY	85 liters
e. ENGINE OIL CAPACITY	9.6 liters
f. SWING DRIVE CAPACITY	-
g. FINAL DRIVE CAPACITY AT EACH	0.9 liters
h. SWING SPEED	9.6 rpm
i. HYDRAULIC SYSTEM RELIEF PRESSURE	250 kgf/cm <sup>2</sup> - 3.555 PSI
j. HYDRAULIC PUMP FLOW CAPACITY (2 PUMPS)	37,7
k. OPERATING VOLTAGE	24V/30 Amp

**UNDER CARRIAGE**

a. TRACK WIDTH/SHOE SIZE	15.7 in / 400 mm
b. GROUND PRESSURE	32.75 kpa
c. MAXIMUM TRAVEL SPEED H/L	4.06 kph /2.75 kph
d. NUMBER OF CARRIER ROLLER PER SIDE	1
e. NUMBER OF TRACK ROLLER PER SIDE	5
f. NUMBER OF TRACK SHOES PER SIDE	40

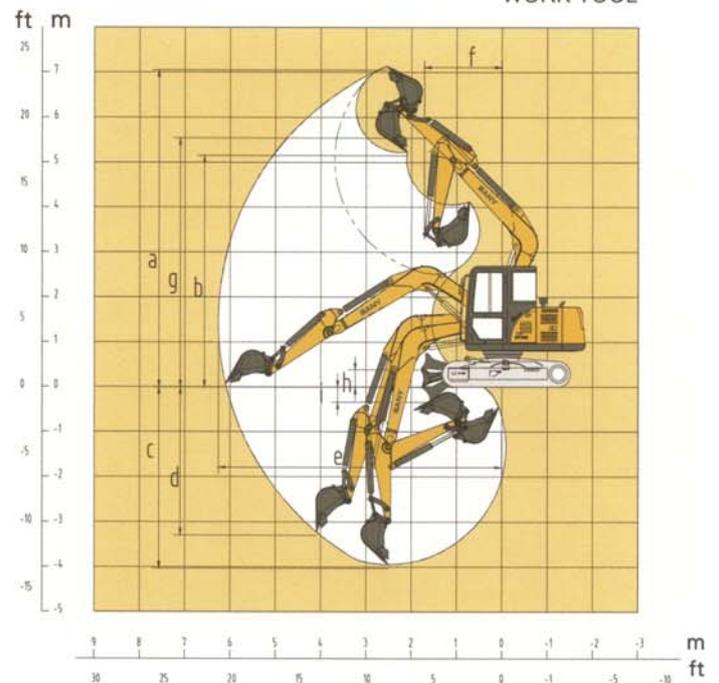
**WORK TOOL**

a. MAX DIGGING HEIGHT	5.090 mm
b. MAX DUMPING HEIGHT	3.930 mm
c. MAX DIGGING DEPTH	3.815 mm
d. MAX VERTICAL DIGGING DEPTH	3.070 mm
e. MAX EXCAVATING DISTANCE	0.050 mm
f. MIN SWING RADIUS	2.555 mm
g. HEIGHT AT MIN SWING RADIUS	4.495 mm
h. MAX GROUND CLEARANCE OF BLADE	385 mm
i. MAX SINKING DEPTH OF BLADE	380 mm
REFERENCE BUCKET CAPACITY	0.21 m <sup>3</sup>
MAX DIGGING FORCE OF BUCKET	45 Kn
MAX DIGGING FORCE OF ARM	33 Kn

**DIMENSION**

a. SHIPPING HEIGHT OF UNIT	5.925 mm
b. WIDHT TO OUTSIDE OF TRACK	2.005 mm
c. SHIPPING HEIGHT OF UNIT	2.505 mm
d. UPPER BODY WIDTH	1.860 mm
e. BLADE HEIGHT	340 mm
f. STD TRACK WIDTH	400 mm
g. TRACK GAUGE	1.600 mm
h. GROUND CLEARANCE	330 mm
i. TAIL SWING RADIUS	1.640 mm
j. ROLLER GAUGE	2.045 mm
k. LENGTH OF TRACK OF GROUND	2.545 mm

**WORK TOOL**



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