



SANY

Quality Changes the World

Operating Weight : 5200 kg Bucket Capacity : 0.18 m³ Engine Power : 24 HP (18.2 kW)/ 2200 rpm

**SUPERIOR VERSATILITY
EXCELLENT PERFORMANCE
EASE OF SERVICEABILITY**



SY55U

HYDRAULIC EXCAVATOR

SPECIFICATIONS

SY55U

ENGINE

Model	Kubota V2607-Di-E3B
Type	3 Cylinder, Inline, Water Cooled Diesel
Rated Engine Power	24HP (18.2kW)/2200rpm
Max. Torque	153.7N.m @1500rpm
Batteries	1×12 V
Displacement	2.615 L

CONTROL SYSTEM

Control Hydraulic System	Load sensing system
Working Modes	S, L, B

HYDRAULIC SYSTEM

Main Pumps	Variable displacement pump
Max. Flow	110 Lpm
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	20.6 MPa
Travel Circuit	24.5 MPa
Pilot Circuit	3.5 MPa

UNDERCARRIAGE & WORKING DEVICE

Track Shoes(Each Side)	40
Upper Rollers	1
Lower Rollers	4
Std. Track	400 mm
Std. Boom	2700 mm
Std. Arm	1500 mm
Std. Bucket	0.18 m ³

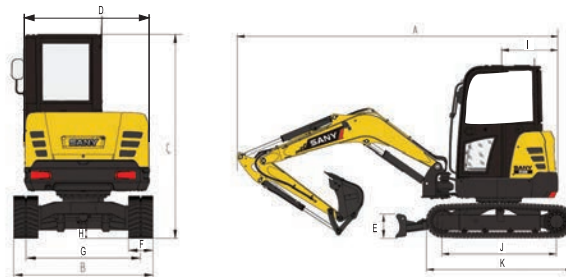
PERFORMANCE

Max. Travel Speed(High/Low)	4.1/2.4 km/h
Swing Speed	10 rpm
Grade ability	35°(70%)
Ground Pressure	29.4Kpa
Max. Tracking Force	43.7kN
Bucket Digging Force	32.5kN
Arm Digging Force	22.9kN

SERVICE REFILL CAPACITIES

Hydraulic Tank	52 L
Fuel Tank	78 L
Engine Oil	9 L
Radiator	4.2 L
Swing Device	NA
Travel Device	2X0.9 L

DIMENSION (Unit: mm)

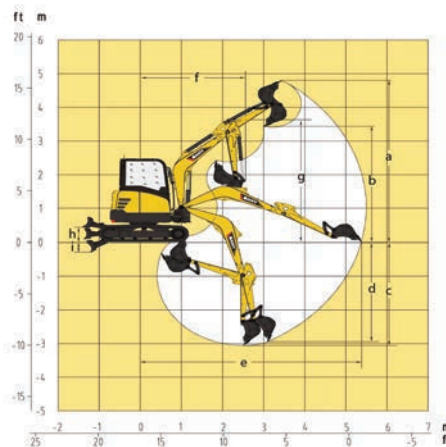


DIMENSION (Unit: mm)

Arm 1550

A. Overall Length	5375
B. Overall Width	1960
C. Overall Height	2620
D. Upper Width	1760
E. Blade Height	340
F. Std. Track Shoe Width	400
G. Track Gauge	1560
H. Min. Ground Clearance	315
I. Rear-end Swing Radius	980
J. Distance Between Tumblers	1990
K. Under Carriage Length	2510

WORKING RANGE (Unit: mm)



WORKING RANGE

Arm 1550

a. Max. Cutting Height	5425
b. Max. Dipping Height	3780
c. Max. Digging Depth	3430
d. Vertical Digging Depth	2460
e. Max. Digging Reach	5870
f. Min. Swing Radius	2515
g. Max. Height At Min. Swing Radius	4130
h. Max. Ground Clearance of Blade Up	420
i. Max. Depth of Blade Down	405

