

SANY

HYDRAULIC EXCAVATOR SY60C

Engine **KUBOTA V2607**
Power **45 KW/2200 RPM**
Operating Weight **5780 KG**
Ground Pressure **32,75 KPA**



- RELIABLE FIRST-CLASS COMPONENTS
- LOWER FUEL CONSUMPTION
- SIMPLIFIED SERVICE

SPECIFICATIONS

ENGINE	
Model	V2607
Displacement (L)	2,615
Engine power at rated engine speed (kW/rpm)	45/2200
Max. Torque (N · m/rpm)	225/1500

SERVICE REFILL CAPACITIES (L)	
Fuel tank	130
Engine coolant	5,6
Engine oil	9,6
Swing drive	/
Final drive (each side)	0,9
Hydraulic oil tank	85

HYDRAULIC SYSTEM	
Typ	load sensing system
Number of selectable working modes	3
Main pump	
Typ	Variable-capacity piston pump
Maximum flow (L/min)	149
Hydraulic motors	
Travel	2*axial piston motor with parking brake
Swing	1*axial piston motor with swing holding brake
Relief valve setting	
Implement circuits (MPa)	24,5
Travel circuit (MPa)	24,5
Swing circuit (MPa)	18,6
Heavy lift circuit (MPa)	/
Pilot circuit (MPa)	3,5
Hydraulic cylinders	
Boom cylinder diameter x stroke (mm)	115x710
Arm cylinder diameter x stroke (mm)	90x815
Bucket cylinder diameter x stroke (mm)	85x605
Blade cylinder diameter x stroke (mm)	120x150










OPERATING WEIGHT	
Operating weight with standard bucket, fully serviced, +75 kg operator (ISO)	
Operating weight (kg)	5780
Ground Pressure (kPa)	32,75

DRIVE	
Travel Speed (Low/High) (km/h)	3,73/2,40
Maximum Travel Force (kN)	47,2
Gradeability	35°

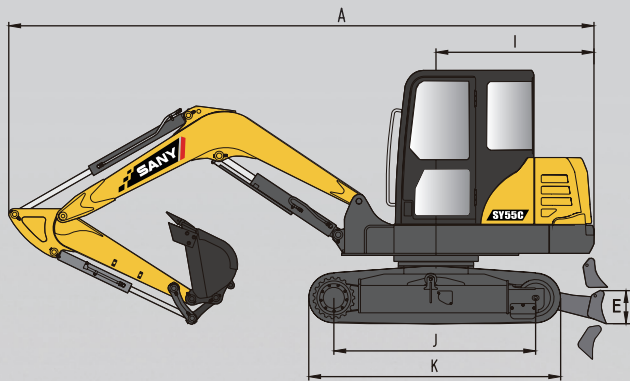
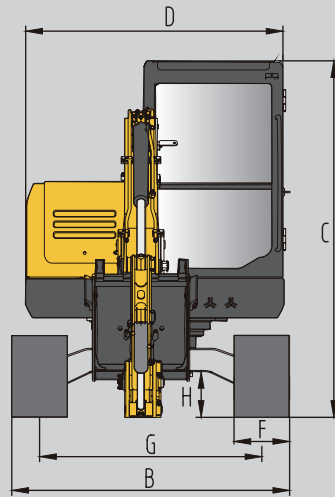
SWING	
Swing Speed (rpm)	9,6

DIGGING FORCE	
Bucket Digging Force (kN)	45
Arm Digging Force (kN)	33

LIFTING CAPACITY

A \ B	MAX		2.0m		3.0m		4.0m		5.0m		
	Maximum										
4m (kg)	1050						1100	1100	1100		
3m (kg)	850	*1200					1100	1100	*1150		
2m (kg)	750	*1250			1600	1800	1050	1050	*1400	750	1250
1m (kg)	700	1300			1500	*2400	1000	1000	1650	750	1350
0m (kg)	750	1400			1400	2650	1000	1000	1800	750	1400
-1m (kg)	800	1500	2650	3750	1400	2600	950	950	1800		
-2m (kg)	1050	1600		3550	1450	2200					

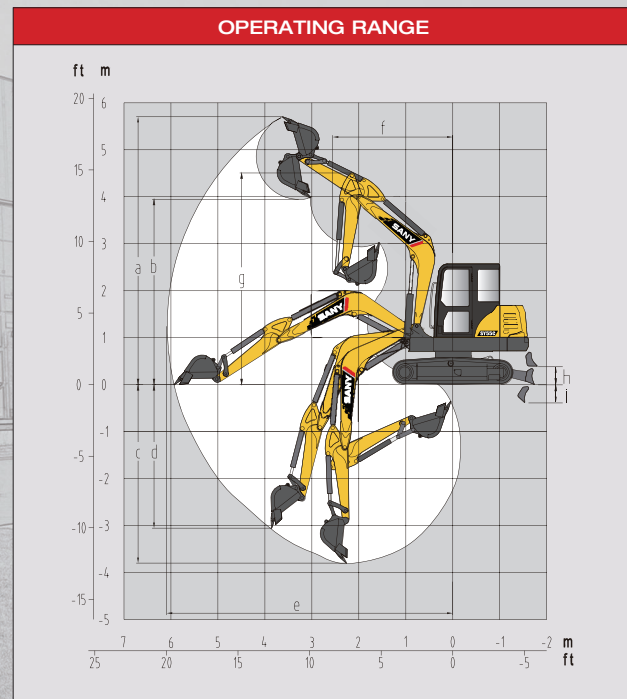
DIMENSIONS



ITEM	mm
A Transport Length	5925
B Transport Width	2005
C Transport Height	2830
D Upperstructure Width	1860
E Blade Height	340
F Standard Track Shoe Width	400
G Track Gauge	1600
H Minimum Ground Clearance	330
I Tail Swing Radius	1640
J Center distance of tumblers	2045
K Overall length of crawler	2545
Counterweight Clearance	705
Boom Length	3000
Arm Length	1700

UNDERCARRIAGE	
Track shoe width (mm)	400
Number of track shoes (per side)	Rubber crawler
Carrier roller (per side)	1
Track roller (per side)	5

ITEM	mm
A Max. Digging Height	5705
B Max. Dumping Height	3945
C Max. Digging Depth	3830
D Max. Vertical Digging depth	3085
E Max. Digging Reach	6110
F Min. Swing Radius	2555
G Height at Min. Swing Radius	4495
H Max. Clearance when Blade up	385
I Max. Depth of Blade down	380



QUALITY CHANGES THE WORLD

Not all products are available in all markets. Under our policy of continuous improvement, we reserve the right to change specifications and design without prior notice. The illustrations do not necessarily show the standard version of the machine.

SANY

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