

PRODUCT SPECIFICATIONS

SANY

EXCAVATOR

SY26C

STANDARD FEATURES

- ➔ Swing boom functionality
- ➔ Reduced tail swing
- ➔ 1-way and 2-way primary auxiliary
- ➔ Powerful Stage V Yanmar engine

14.6 kW / 2400 rpm

Net Power

2810 mm

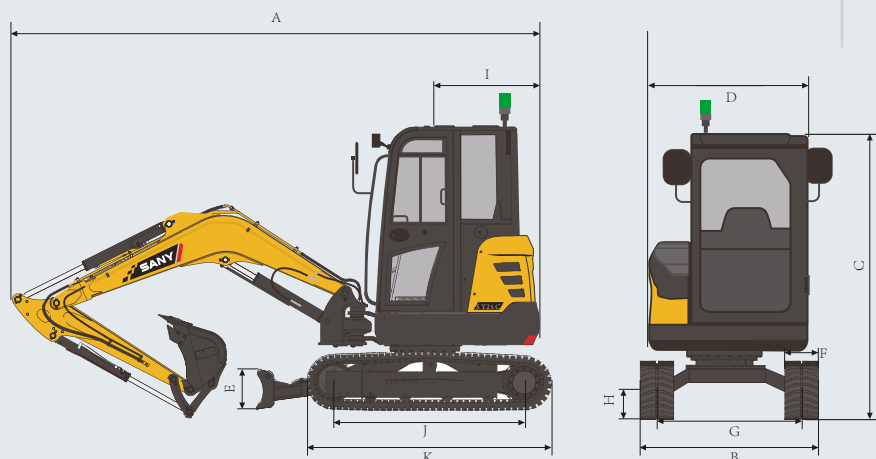
Dig Depth

2775 kg

Operating Weight*

27.9 kN

Bucket Breakout Force



TECHNICAL SPECIFICATIONS

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Operating Weight*	2775 kg (+187 kg bolt on counterweight)
Ground Pressure	26 kPa
Engine	Yanmar 3TNV80F
Displacement	1.267 L
Gross Power	14.6 kW
Net Power	14.6 kW
Hydraulics	Load Sensing with Pilot Control
Main Hydraulic Pump	
Operating Flow (maximum)	78.0 L/min
Operating Pressure (maximum)	24.5 MPa
Auxiliary Flow (maximum)*	42.5 L/min
Auxiliary Pressure (maximum)	16 MPa
Travel Motor	Axial Piston
Travel Pressure (maximum)	24.5 MPa
Travel Speeds (maximum)	2.6 / 4.5 km/hr
Travel Effort (maximum)	23 kN
Grade Capability (maximum)	30°
Slew Motor	
Slew Pressure (maximum)	19.6 MPa
Slew Speed (maximum)	10 RPM
Undercarriage (standard)	Belted Rubber Track
Track Shoe Width (standard)	300 mm
Track Rollers (per side)	4
Carrier Rollers (per side)	1

DIMENSIONS

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Boom Length	2100 mm
Dipper Length	1300 mm
A Transport Length	4160 mm
B Transport Width	1550 mm
C Transport Height	2410 mm
D Upper Structure Width	1375 mm
E Blade Height	300 mm
F Track Width (standard shoe)	300 mm
G Track Gauge	1250 mm
H Ground Clearance (minimum)	290 mm
I Tail Swing Radius	915 mm
J Track Length on Ground	1560 mm
K Track Length	2005 mm

SERVICE REFILL CAPACITIES

Fuel Tank Capacity	34.0 L
Hydraulic Tank Capacity	30.0 L
Engine Oil Capacity	3.4 L
Cooling System Capacity	4.1 L

Based on theoretical calculation at max flow with no load. Subject to alterations. In the interest of continual equipment development, SANY UK reserves the right to change these specifications at any time without prior notification.

* Operating weight: Includes 75kg (165 lb) operator, full fuel tank and excludes any attachments or hitch

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STANDARD AND OPTIONAL EQUIPMENT

s = standard / o = optional

SY26C	ENGINE
s	3TNV80F-SPSY3
s	EU Stage V compliant
s	Dual-element dry air filter
s	Engine air precleaner
s	Coolant expansion tank
s	Water-cooled
s	Fan guard
s	Engine coolant to -37 deg. C
s	Full-flow oil filter
s	High flow cooling fan
s	500-hour engine-oil-change interval
s	Fuel filter and water separator
	HYDRAULIC SYSTEM
s	Spring-applied, hydraulically released automatic swing brake
s	Load sensing hydraulic system
s	Control pattern change valve
s	Primary auxiliary hydraulic circuit with 1 and 2-way combination piping
s	Adjustable auxiliary pressure relief
	UNDERCARRIAGE
s	Expandable and retractable tracks
s	Planetary drive with axial piston motors
s	Propel motor shields
s	Spring-applied, hydraulically released automatic propel brake
s	Track guides, front idler and 2 per side
s	2-speed travel selection through display and on dozer lever
s	4 lower track rollers each side
s	1 upper carrier roller each side
s	Dozer blade and cylinder guarding
s	Flip out dozer blade extentions
s	Tie downs on track frame and dozer blade
s	300mm wide rubber tracks
s	Undercarriage frame opening guard
o	Bolt on counterweight - 187 kg
	UPPER STRUCTURE
s	All-round mirrors
s	Lockable cab, hood and service doors

INDUSTRY'S
STRONGEST
STANDARD
WARRANTY

5 - YEARS*
5,000 HOURS

*Terms and Conditions apply.
Check with your local dealer for further information.

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STANDARD AND OPTIONAL EQUIPMENT

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SY26C	UPPERSTRUCTURE (Continued)
s	Remote-mounted engine oil and fuel filters
s	Daily fluid level inspection visible from ground
s	Rear reflectors
	ATTACHMENTS
s	Convenient grease points
s	Dirt seals on all bucket pins
s	Oil-impregnated bushings
s	Reinforced plates
s	Quick release couplers
	OPERATOR'S STATION
s	Hydraulic pilot controls for boom, stick, swing, and travel operations
s	Proportional auxiliary switches on joystick
s	Travel levers with foot pedals
s	Manual suspension vinyl seat with fore/aft adjustment
s	2" retractable seat belt
s	Emergency stop switch
s	Monitor with engine coolant gauge, high temp warning, low oil pressure indicator, glow plug indicator, battery indicator, engine hour meter, fuel level
s	Operation and maintenance manual storage
s	Heavy duty removeable rubber floor mat
s	Cup holder
s	Storage bin
s	Horn (electric)
s	Hour meter (electric)
s	Hydraulic shut off lever, all controls
s	Travel alarm with cancel switch
	ELECTRICAL
s	12V electrical system
s	Maintenance free battery
s	Ground level battery disconnect
s	Easy access fuse panel
s	Terminal battery covers
s	40-amp alternator
s	12V power outlet
	LIGHTS
s	Work lights: 2 mounted on top of canopy, 1 mounted on boom, magnetic beacon

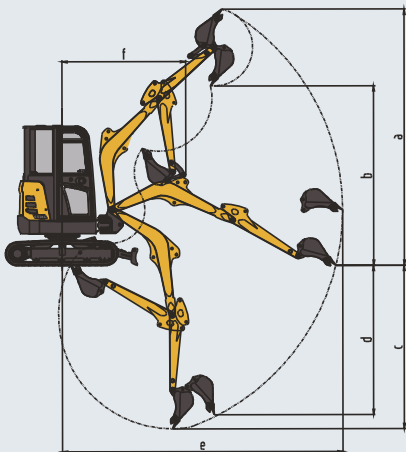
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WORKING RANGE



WORKING RANGE

Boom Length	2100 mm
Dipper Length	1300 mm
A Maximum Digging Height	4405 mm
B Maximum Dumping Height	3130 mm
C Maximum Digging Depth	2810 mm
D Maximum Vertical Wall Digging Depth	2210 mm
E Maximum Reach at Ground Level	4710 mm
F Minimum Swing Radius	1985 mm

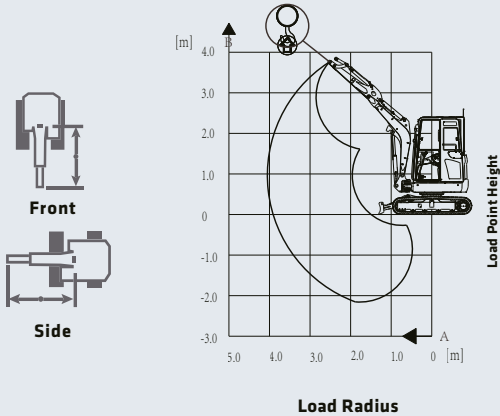
DIGGING PERFORMANCE

Boom Length	2100 mm
Dipper Length	1300 mm
Bucket Breakout Force (ISO)	27.9 kN
Dipper Tearout Force (ISO)	14.2 kN

LIFTING PERFORMANCE

Standard 2100 mm Boom
Standard 1300 mm Dipper
Standard 300 mm Tracks

Ratings are based on ISO 10567:2007. Lift capacity does not exceed 75% of tipping load with the machine on firm, level ground or 87% of hydraulic lifting capacity.



BLADE DOWN	LOAD RADIUS	2.0 m		3.0 m		4.0 m		MAX REACH	
	LOAD POINT HEIGHT								
BLADE DOWN	4.0 m							666 kg*	666 kg*
	3.0 m			626 kg*	549 kg			525 kg*	450 kg
	2.0 m			693 kg*	535 kg			481 kg*	350 kg
	1.0 m	1583 kg*	909 kg	885 kg*	502 kg	698 kg*	326 kg	497 kg*	320 kg
	0 m	1858 kg*	855 kg	1017 kg*	476 kg			571 kg*	331 kg
	1.0 m	1619 kg*	860 kg	931 kg*	474 kg			720 kg*	401 kg
BLADE UP	4.0 m							666 kg*	666 kg*
	3.0 m			62 * kg	549 kg			516 kg	450 kg
	2.0 m			615 kg	535 kg			402 kg	350 kg
	1.0 m	1082 kg	909 kg	580 kg	502 kg	376 kg	326 kg	368 kg	320 kg
	0 m	1024 kg	855 kg	554 kg	476 kg			381 kg	331 kg
	-1.0 m	1029 kg	860 kg	551 kg	474 kg			464 kg	401 kg

* Indicates load limited by hydraulic lifting capacity.

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