



Excavator SWE 90UF



Operating Weight	8.2t(rubber track)
Engine Power	46.2kW/2200rpm
Engine Brand	Yanmar
Standard Bucket Capacity	0.26m ³
Max. Digging Depth	4.07m

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Parameter

ENGINE

Brand	Yanmar
Model	4TNV98C
Type	4-cylinder 4-stroke water-cooled
Displacement	3.319L
Power	46.2kW/2200rpm

DIMENSIONS

Counterweight Clearance	790mm
Tail Swing Radius	1420mm
Shipping Length	6510mm
Transport Width	2230mm
Shipping Height	2700mm

ELECTRIC SYSTEM

Nominal Voltage	12V
Batteries	120Ah
Alternator	12V-55A
Starter	12V-3.0kW

WORKING RANGES

Max. Cutting Height	7300mm
Max. Loading Height	5235mm
Max. Digging Depth	4630mm
Max. Vertical Wall Digging Depth	3890mm
Max. Digging Reach	7460mm
Max. Reach at Ground Level	7300mm
Bucket Digging Force	63.5kN
Stick Digging Force	37.5kN
Ground Pressure	36.5kPa
Swing Speed	11rpm

DRIVE

Max. Travel Speed (2nd/1st)	4.5/2.7 km/h
Gradeability	35°
Max. Traction	66.8kN

UNDERCARRIAGE

Undercarriage Width	2250mm
Shoe Width	450mm
Length to Center of Rollers	2250mm
Track Length	2892mm
Track Height	660mm

CAPACITY

Fuel Tank	120L
Hydraulic Oil Tank	100L

BULLDOZING BOARD

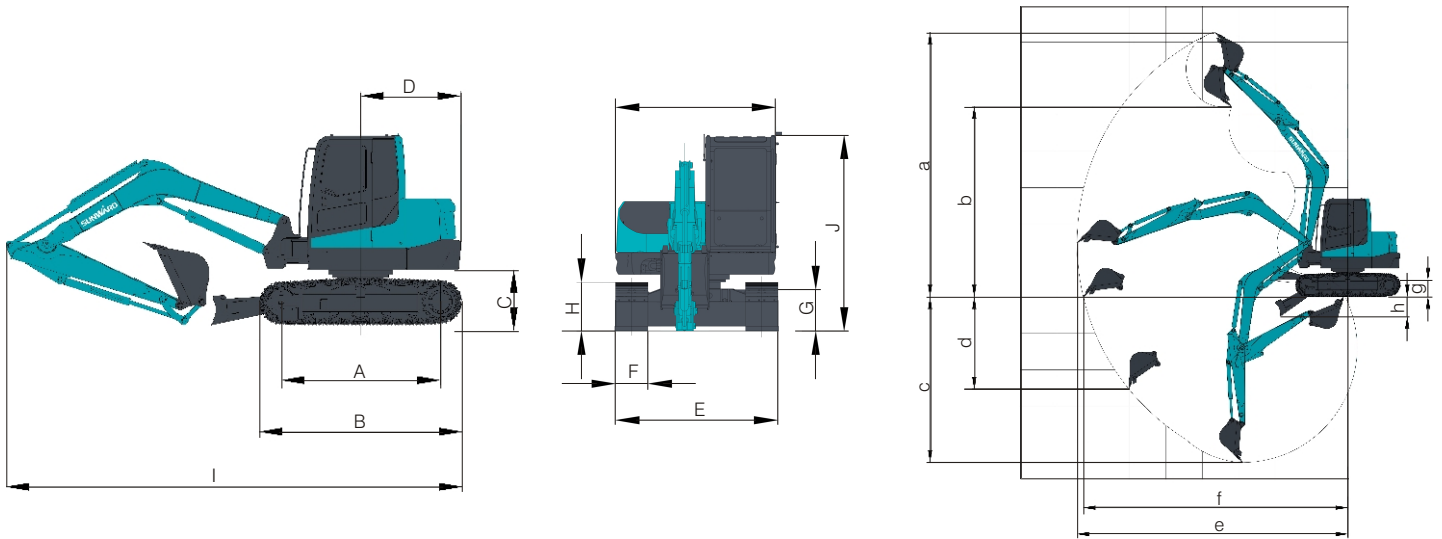
independent moving, controlled by the gear shift lever	
Length X Width	2160X415mm
Max. Lifting Height	465mm
Max. Cutting Depth	535mm

HYDRAULIC SYSTEM

Main Pumps	
Type	1 variable displacement pump
Displacement	160L/min
Working Pressure	28MPa

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Working Ranges



Load Capacity (standard stick: 1.62m)

B(m)	A(m)	MAX		5.0m		4.0m		3.0m	
		Front(kg)	Side(kg)	Front(kg)	Side(kg)	Front(kg)	Side(kg)	Front(kg)	Side(kg)
4.0		1196.25*	900.00	—	—	1305.00*	1106.00	—	1261.50*
3.0		1348.00*	750.00	1392.00*	1068.00	1413.00*	1125.00	1566.00*	1587.75*
2.0		1326.75*	693.00	1413.75*	843.80	1653.00*	1275.00	1718.25*	1761.00*
1.0		1479.00*	693.00	1587.75*	821.30	1761.75*	1275.00	2718.75*	1556.20
0.0		1522.00*	731.30	1566.00*	836.30	2175.00*	1350.00	3153.75*	1668.80
-1.0		1566.00*	768.80	1609.50*	825.00	2196.80	1087.50	3588.75*	1631.30
-2.0		1653.00*	900.00	—	—	2240.30	1125.00	3488.70*	1593.8

Notes:

- 1) Load with * is limited by hydraulic capacity and based on ISO 10567. Rated loads do not exceed 87% of hydraulic capacity.
- 2) Load without * is limited by tipping load and based on ISO 10567. Rated loads do not exceed 75% of tipping load.

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