INNOVATION LEADS TO VALUE

SUNWARD

SWE 20F-1 MINI EXCAVATOR

- Total weight: 1.91 t
- Engine power: 13.4 kW / 2 200 rpm
- Bucket capacity: 0.035 m^3

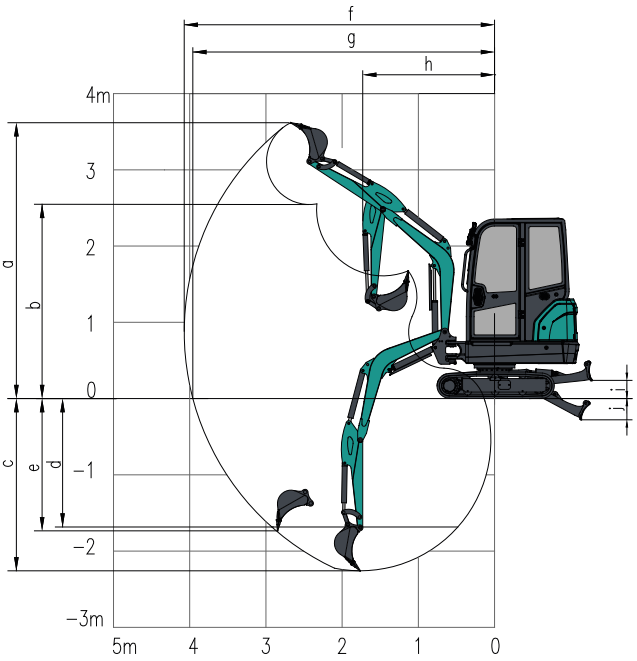


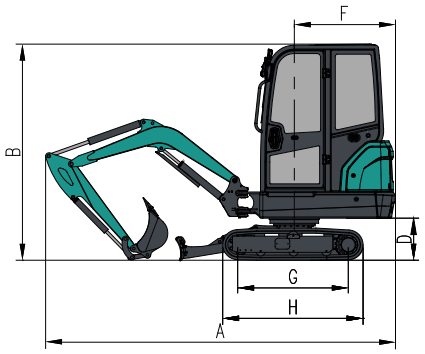
- High-performance Yanmar engine combined with premium hydraulic components for reliable and efficient operation.
- Full hydraulic pilot control for smooth, precise and simultaneous movements, with automatic travel speed shifting for different terrain conditions.
- Boom swing and retractable undercarriage for excellent manoeuvrability and flexibility in confined spaces.
- Reinforced structure with an integrated cast boom swing head for enhanced strength, durability and reliability.
- Available with canopy or enclosed cab, with TOPS/FOPS protection for operator safety.
- Spacious operator area with a 5-inch LCD display and suspension seat for improved comfort.
- Flip-up seat and easily accessible rear hood for convenient maintenance of electrical components and the power system.

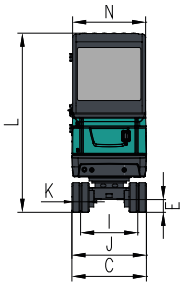
TECHNICAL PARAMETERS

SWE 20F-1

Parameters and performance of the main machine			
Dimension (L×W×H)		mm	3 840 x 990 x 2 360
Overall weight	With rubber track	t	1.91
	With steel track	t	\
Standard bucket capacity		m^3	0.035
Bucket digging force		kN	21
Arm digging force		kN	9.8
Max. drawbar pull		kN	18.1
Travel speed (Max/Min)		km/h	3.5 / 2
Gradeability		%	57
Ground pressure		kPa	30
Slewing speed		rpm	10
Engine	Brand		YANMAR
	Model		3TNV80-SSU (EURO V)
	Max. torque	N.m/rpm	67.4 / 1 600
	Displacement	L	1.267
	Power/Rotation speed		13.4 / 2 200
Fuel tank capacity		L	21
Primary pump	Type	kw/rpm	2 variable plunger pump, 1 gear pump, 1 pilot pump
	Flow rate	L/min	2 x 21 + 13 + 6
Pressure of main relief valve		MPa	21 / 19
Hydraulic oil tank capacity		L	26







Working range			
	Boom length	mm	1 800
	Arm length	mm	1 150
a	Max. digging height	mm	3 620
b	Max. dumping height	mm	2 545
c	Max. digging depth	mm	2 260
d	Max. vertical digging depth	mm	1 735
e	Max. digging reach	mm	4 075
f	Max. digging reach at ground level	mm	3 960
g	Max. lift height of the dozer blade	mm	240
h	Max. digging depth of dozer blade	mm	240
r	Min. swing radius	mm	1 730

Outline dimensions							
A	Length to center of rollers	mm	1 210	G	Chassis ground clearance	mm	160
B	Total track length	mm	1 555	H	Track height	mm	352
C	Counterweight clearance	mm	460	I	Total length	mm	3 840
D	Tail swing radius	mm	1 110	J	Max. height of cab	mm	2 360
E	Track width	mm	990 / 1 360	K	Uppercarriage width	mm	990
F	Track shoe width	mm	230				

◆ The above parameters may be different due to product upgrading.

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