

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 m³

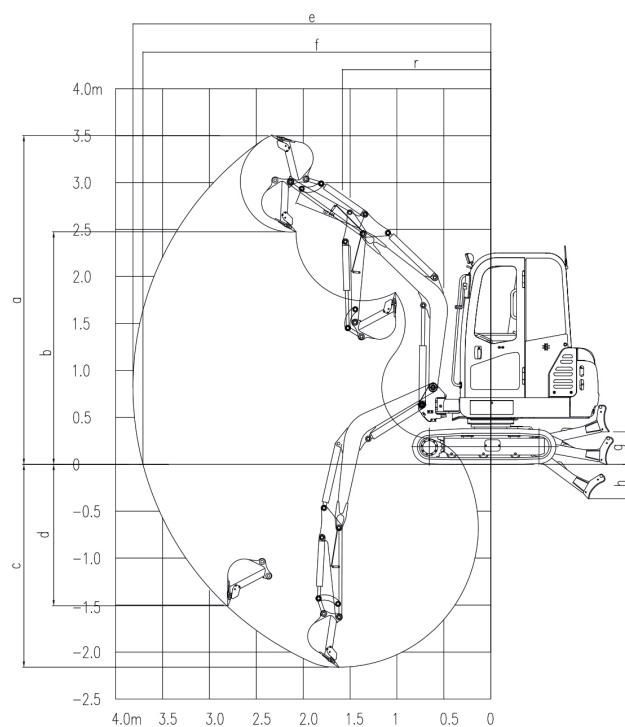


- ◆ SWE20F-1 is equipped with high-performance engine as well as brand pumps, valves and motors for leading configuration.
- ◆ Pilot full hydraulic control method is used for the fast and precise control of multiple elements at the same time, and automatic speed change function is provided for walking to meet the walking performance requirements under complex terrain conditions.
- ◆ With moving arm yaw, chassis expansion and contraction and other functions for excellent cooperative operation performance in small spaces. It is the true small space construction expert.
- ◆ Reinforced structure with integral cast deflection head for excellent appearance and more durable, reliable and safe structure.
- ◆ Closed and open cabins are available for clients. It has been FOPS and TOPS certified to ensure the safety of the driver.
- ◆ It is equipped with a spacious and comfortable operation space, a 5-inch LCD display, and suspension shock-absorbing seats that can improve ride comfort.
- ◆ With the flip-over seat structure, electrical parts can be serviced more conveniently. It is easy to maintain the power system by just opening the tail cover.



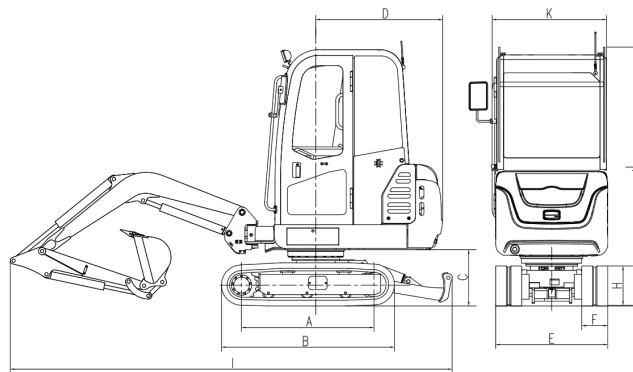
Parameters and performance of the main machine

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	22.7
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)/ 3TNV80F-SSSU (US IV)
	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	21.5 / 16
Hydraulic oil tank capacity		L	26



Working range

	Boom length	mm	1 800
	Arm length	mm	1 150
a	Max. digging height	mm	3 535
b	Max. dumping height	mm	2 440
c	Max. digging depth	mm	2 060
d	Max. vertical digging depth	mm	1 760
e	Max. digging reach	mm	3 885
f	Max. digging reach at ground level	mm	3 765
g	Max. lift height of the dozer blade	mm	240
h	Max. digging depth of dozer blade	mm	240
r	Min. swing radius	mm	1 580



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.

