

INNOVATION LEADS TO VALUE



# SWE 20F MINI EXCAVATOR

◆ Total weight: 1.94 t

◆ Engine power: 13.4 kW / 2 200 rpm

◆ Bucket capacity: 0.04 m<sup>3</sup>

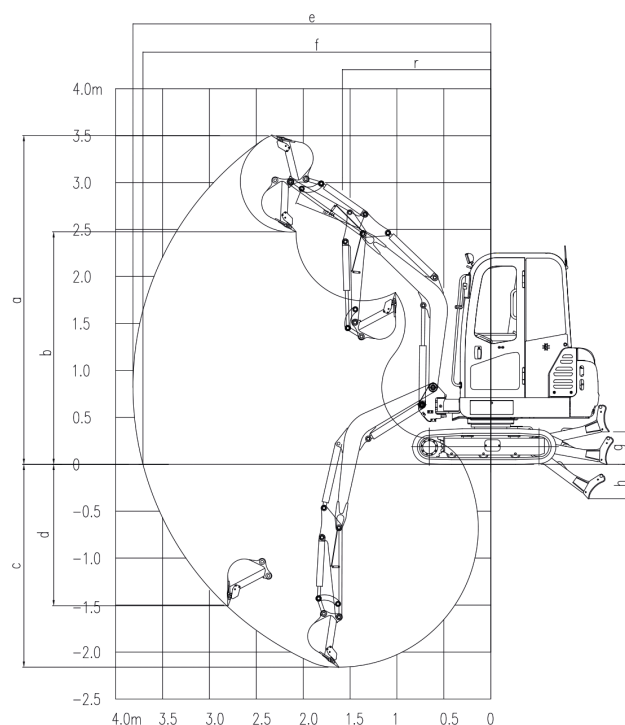


- ◆ SWE20F is equipped with high-performance engine as well as brand pumps, valves and motors for leading configuration.
- ◆ Pilot full hydraulic control method is used for the fast and precise control of multiple elements at the same time, and automatic speed change function is provided for walking 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.



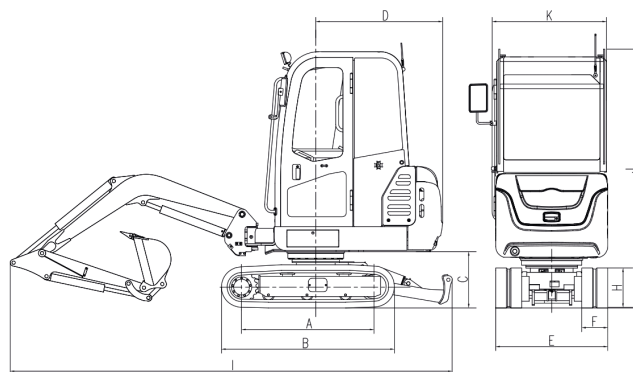
## Parameters and performance of the main machine

Dimension (L×W×H)		mm	3 905 x 990 x 2 235
Overall weight	With rubber track	t	1.94
	With steel track	t	\
Standard bucket capacity		m <sup>3</sup>	0.04
Bucket digging ability		kN	22.7
Digging force on arm		kN	9.8
Max. traction		kN	18.1
Deflection angle (boom)		°	50 °(Right) 75 °(Left)
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)
	Type		4-stroke, in line, water cooling
	Displacement	L	1.267
	Power/Rotation speed		13.4 / 2 200
Fuel tank capacity		L	23
Primary pump	Type	kw/rpm	2 variable piston pump, 1 gear pump, 1 pilot pump
	Flow rate	L/min	2 x 21 + 13 + 6
Pressure of main relief valve		MPa	21 / 16
Hydraulic oil tank capacity		L	35



## Working range

	Arm lenght	mm	1 150
a	Max. digging height	mm	3 770
b	Max. dumping height	mm	2 720
c	Max. digging depth	mm	2 380
d	Max. vertical digging radius	mm	1 870
e	Max. digging radius	mm	4 040
f	Max. digging reach at ground level	mm	3 945
g	Max. lift height of the dozer blade	mm	295
h	Max. digging depth of dozer blade	mm	360
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 lenght	mm	1 540	H	Track height	mm	352
C	Ground clearance of platform	mm	460	I	Total length	mm	3 905
D	Platform tail slewing radius	mm	1 120	J	Cab roof height	mm	2 235
E	Chassis width	mm	990 / 1 360	K	Upper-structure width	mm	990
F	Track width	mm	230				

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

