

INNOVATION LEADS TO VALUE



SUNWARD

SWE 18UF MINI EXCAVATOR

◆ Total weight: 1.88 t

◆ Engine power: 13.4 - 14 kW / 2 200 rpm

◆ Bucket capacity: 0.04 m³



- ◆ Tail-less slewing, moving arm deflection, easy operation in small spaces, digging ditch immediately to walls. It is easy for the whole machine to deal with a variety of complex working conditions.
- ◆ Equipped with high power engine with higher efficiency.
- ◆ The pipeline is neatly arranged to facilitate the maintenance of engine components.
- ◆ It has the automatic gear shifting function and is equipped with full hydraulic pilot control device combined with load-sensitive system, making the operation more precise and coordinated.
- ◆ The open driver cabin meeting TOPS and FOPS certification requirements has open vision field, and is safe and reliable.



Parameters and performance of the main machine

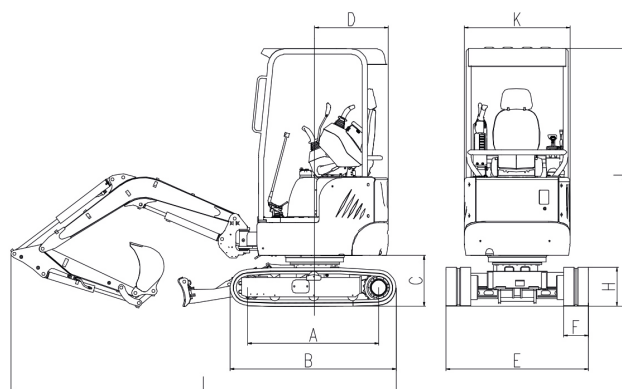
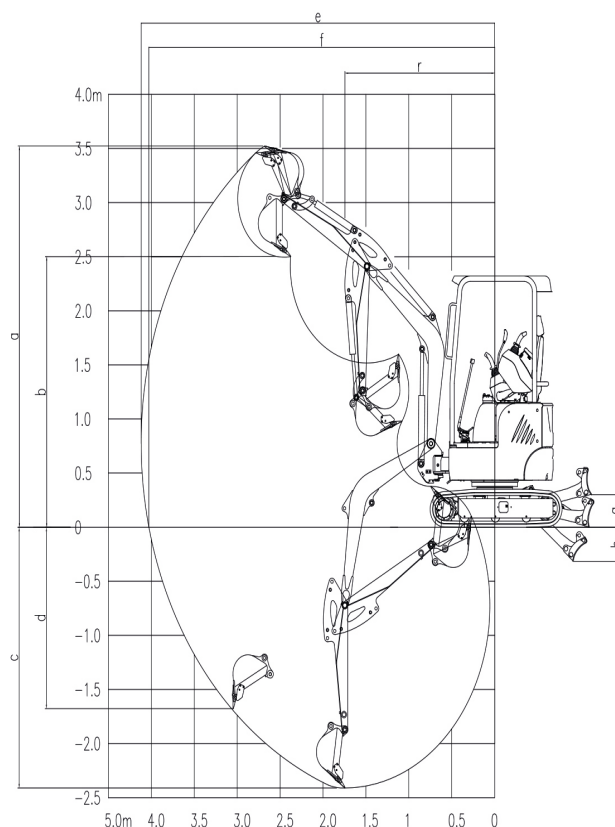
Dimension (L×W×H)		mm	3 580 x 990 / 1 360 x 2 400
Overall weight	With rubber track	t	1.88
	With steel track	t	\
Standard bucket capacity		m³	0.04
Bucket digging force		kN	22.7
Arm digging force		kN	9.8
Max. drawbar pull		kN	19.2
Travel speed (Max/Min)		km/h	4.4 / 2.3
Gradeability		%	57
Ground pressure		kPa	30.3
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	kW/rpm	13.4 / 2 200
Engine	Brand		KUBOTA
	Model		D1105 (Euro V)
	Max. torque	N.m/rpm	71.4 / 1 600
	Displacement	L	1.123
	Power/Rotation speed	kW/rpm	14 / 2 200
Fuel tank capacity		L	24.6
Primary pump	Type		1 variable plunger pump
	Flow rate	L/min	62
Pressure of main relief valve		MPa	24.5
Hydraulic oil tank capacity		L	18.6

Working range

	Boom lenght	mm	1 800
	Arm lenght	mm	1 150
a	Max. digging height	mm	3 640
b	Max. dumping height	mm	2 560
c	Max. digging depth	mm	2 390
d	Max. vertical digging depth	mm	1 860
e	Max. digging reach	mm	4 160
f	Max. digging reach at ground level	mm	4 060
g	Max. lift height of the dozer blade	mm	240
h	Max. digging depth of dozer blade	mm	290
r	Min. swing radius	mm	1 760

Outline dimensions

A	Length to center of rollers	mm	1 210	G	Chassis ground clearance	mm	180
B	Total track lenght	mm	1 540	H	Track height	mm	352
C	Counterweight clearance	mm	470	I	Total length	mm	3 580
D	Platform tail slewing radius	mm	680	J	Max. height of cab	mm	2 400
E	Track width	mm	990 / 1 360	K	Uppercarriage width	mm	980
F	Track shoe width	mm	230				



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

