

INNOVATION LEADS TO VALUE



SUNWARD

SWE18UF MINI-EXCAVATOR

◆ Total weight:1.88t

◆ Engine power:13.4kW/2200rpm

◆ Bucket capacity:0.04m³

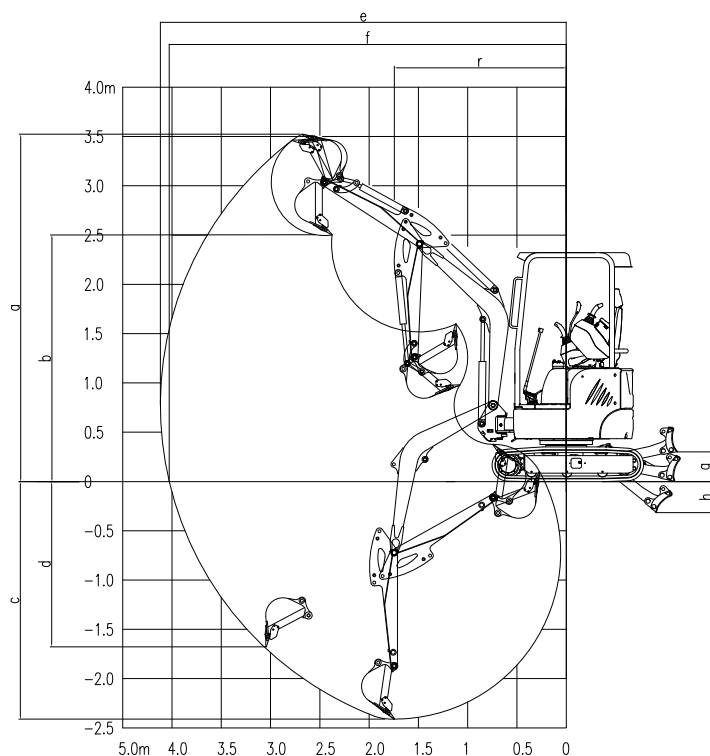


- ◆ Tail-less slewing, moving arm deflection, easy operation in small spaces, digging ditch immediately to walls. It is easy for the whole machine to deal with a variety of complex working conditions.
- ◆ Equipped with high power engine with higher efficiency.
- ◆ The pipeline is neatly arranged to facilitate 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.



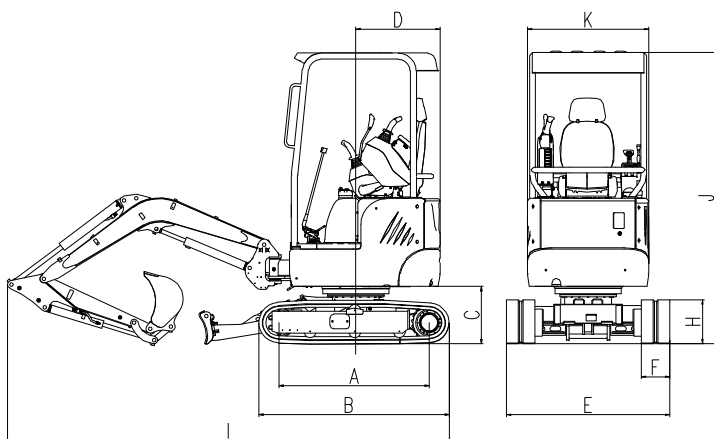
Parameters and performance of the main machine

Dimension (L×W×H)		mm	3582x990x2350
Overall weight	With rubber track	t	1.88
	With steel track	t	\
Standard bucket capacity		m ³	0.04
Bucket digging ability		kN	21
Digging force of arm		kN	9.83
Max. traction		kN	16.7
Deflection angle (boom)		°	49°(Right)71°(Left)
Travel speed (Max/Min)		km/h	3.5/2
Gradeability		°	30
Ground pressure		kPa	30.3
Slewing speed		rpm	10
Engine	Brand	KUBOTA	
	Model	D1105-E4B-SWD-1S(Euro V / US IV)	
	Type	4-stroke, in line, water cooling	
	Displacement	L	1.1
	Power/Rotation speed	kw/rpm	14/2200
Fuel tank capacity		L	24.6
Primary pump	Type	1 variable piston pump	
	Flow rate	L/min	51
Pressure of main relief valve		MPa	24.5
Hydraulic oil tank capacity		L	18.6



Working range

	Arm length	mm	1150
a	Max. digging height	mm	3525
b	Max. dumping height	mm	2500
c	Max. digging depth	mm	2410
d	Max. vertical digging depth	mm	1675
e	Max. digging radius	mm	4120
f	Max. digging reach at ground level	mm	4030
g	Max. lift height of the dozer blade	mm	235
h	Max. digging depth of the dozer blade	mm	300
r	Min. swing radius	mm	1745
	Bulldozer blade length×width	mm	1320x267



Outline dimension

A	Wheel tread	mm	1210	G	Chassis ground clearance	mm	160
B	Total track length	mm	1540	H	Track height	mm	352
C	Ground clearance of platform	mm	436	I	Total length	mm	3582
D	Platform tail slewing radius	mm	680	J	Cab roof height	mm	2350
E	Chassis width	mm	990/1320	K	Upper-structure width	mm	990
F	Track width	mm	230				

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

