

INNOVATION LEADS TO VALUE



SUNWARD

SWE 35UF MINI EXCAVATOR



◆ Total weight: 3.75 - 3.85 t ◆ Engine power: 18.2 kW / 2 200 rpm ◆ Bucket capacity: 0.11 m³

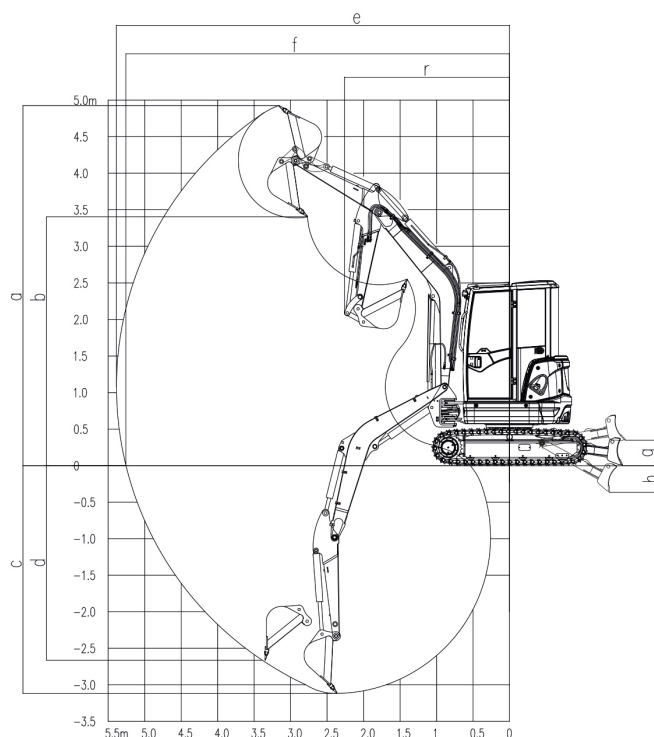


- ◆ With zero-tail gyration and moving arm deflection, excellent synergistic operation could be realized.
- ◆ With the excellent sealing performance, the engine is completely isolated from the cabin, ensuring the quietness and comfort of the driver in the cabin.
- ◆ The cabin has with spacious driving environment and open vision, and is equipped with cold and warm air conditioning and suspension damping seat, providing relaxed and cozy driving experience.
- ◆ It is powerful and environmentally friendly. It has such functions as electrical throttle control and automatic idling, which could accurately match with the hydraulic system to ensure the high efficiency and low fuel consumption of the whole machine.
- ◆ Various options and configurations are available. Closed and open cabins could be selected. In addition, there are long and short bucket rods and many special bucket configurations for clients to choose for different working conditions.



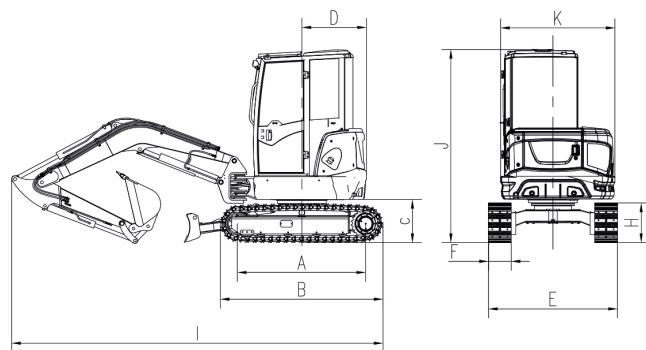
Parameters and performance of the main machine

Dimension (L×W×H)		mm	4 890 x 1 700 x 2 560
Overall weight	With rubber track	t	3.75
	With steel track	t	3.85
Standard bucket capacity		m ³	0.11
Bucket digging force		kN	31.8
Arm digging force		kN	19.8 / 18
Max. drawbar pull		kN	33.2
Deflection angle (boom)		°	44°(Right) 71°(Left)
Travel speed (Max/Min)		km/h	4.0 / 2.3
Gradeability		%	57
Ground pressure		kPa	34
Slewing speed		rpm	9.5
Engine	Brand		KUBOTA
	Model		D1703 (Euro V / US IV)
	Max. torque	N.m/rpm	96 / 1 500
	Displacement	L	1.647
	Power/Rotation speed	kw/rpm	18.2 / 2 200
Fuel tank capacity		L	40
Primary pump	Type		1 variable piston pump
	Flow rate	L/min	1x88
Pressure of main relief valve		MPa	26
Hydraulic oil tank capacity		L	41



Working range

	Boom lenght	mm	2 550
	Arm lenght	mm	1 550
a	Max. digging height	mm	5 045
b	Max. dumping height	mm	3 520
c	Max. digging depth	mm	3 320
d	Max. vertical digging depth	mm	2 860
e	Max. digging reach	mm	5 575
f	Max. digging reach at ground level	mm	5 450
g	Max. lift height of the dozer blade	mm	340
h	Max. digging depth of dozer blade	mm	375
r	Min. swing radius	mm	2 325



Outline dimensions

A	Length to center of rollers	mm	1 670	G	Chassis ground clearance	mm	270
B	Total track lenght	mm	2 160	H	Track height	mm	521
C	Ground clearance of platform	mm	590	I	Total length	mm	4 890
D	Platform tail slewing radius	mm	850	J	Max. height of cab	mm	2 560
E	Track width	mm	1 700	K	Uppercarriage width	mm	1 505
F	Track shoe width	mm	300				

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

