

INNOVATION LEADS TO VALUE



SWE 10FED ELECTRIC EXCAVATOR

◆ Total weight: 1.01 t

◆ Motor power: 5.5 kW

◆ Bucket capacity: 0.022 ~ 0.051 m³



- ◆ Equipped with a 13.5 kWh large-capacity lithium iron phosphate battery, providing endurance of 4-6h when fully charged.
- ◆ The battery, motor and electronic control systems are maintenance-free. Only the hydraulic system needs to be maintained, so the maintenance cost is low.
- ◆ It supports fast and slow charging, which can be fully charged in 2h for fast charging and 8h for slow charging. It can be recharged where there is power.
- ◆ With electronically controlled intelligent speed regulation control and equipped with the high-power three-phase asynchronous motor, the machine has fast action response, high efficiency and low energy consumption.

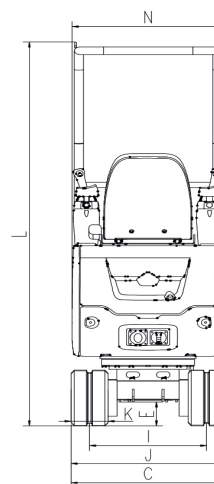
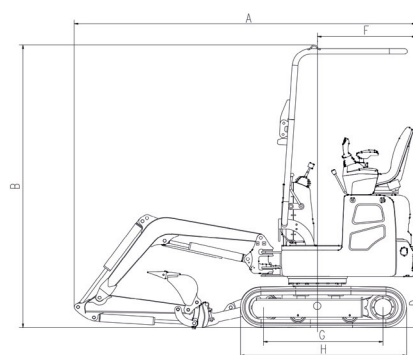
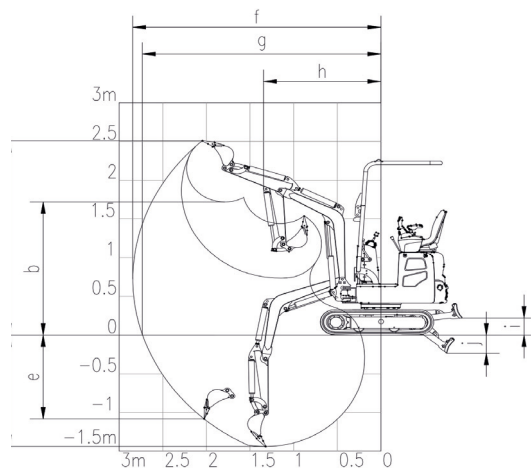


Performance Parameters of Machine

Operating mass		t	1.01
Bucket capacity		m ³	0.022 ~ 0.051
Motor	Motor type		Three-phase A.M
	Rated power	kW	5.5
	Rated torque	N·m	19.4
Battery	Type		Lithium iron phosphate
	Capacity	kWh	13.5
	Voltage	V	73.6
	Indicative time	h	4 - 6
Type of primary pump			Gear pump
Max. flow of primary pump		L/min	2 x 9.9
System pressure		Mpa	16
Type of pilot pump			Gear pump
Max. pilot flow		L/min	9.9
Pilot pressure		Mpa	3.9
Swing speed		rpm	9
Travel speed		km/h	2.9 / 1.5
Gradeability		%	57.7
Ground pressure		kPa	24.5
Capacity of hydraulic tank		L	10.7

Working range

a	Max. digging height	mm	2 505
b	Max. unloading height	mm	1 720
c	Max. digging depth	mm	1 440
d	Digging depth(2.44 m, horizontal)	mm	/
e	Max. vertical digging depth	mm	1 085
f	Max. digging reach	mm	2 845
g	Max. ground digging reach	mm	2 735
h	Min. front swing radius	mm	1 350
i	Max. lift height of dozer blade	mm	225
j	Max. digging depth of dozer blade	mm	225
	Allowable boom shift(left/right)	°	73 / 53
	Excavation force of bucket	kN	9.4
	Digging force of arm	kN	5.8



Outline dimensions

Boom length		mm	1 350	G	Ground contact length of track	mm	975
Arm length		mm	700	H	Length of track	mm	1 300
A	Total length	mm	2 675	I	Track gauge	mm	570 / 820
B	Total height	mm	2 275	J	Track width	mm	750 / 1 000
C	Total width	mm	750 / 1 000	K	Width of track link	mm	180
D	Ground clearance of counterweight	mm	420	L	Max. height of machine	mm	2275
E	Min. ground clearance	mm	130	N	Width of turntable	mm	740
F	Tail swing radius	mm	775				

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

