

INNOVATION LEADS TO VALUE



SWE 20FE ELECTRIC EXCAVATOR

◆ Total weight: 1.85 t

◆ Capacity of bucket: 0.035 m³

◆ Motor: 10 kW / 2 060 rpm

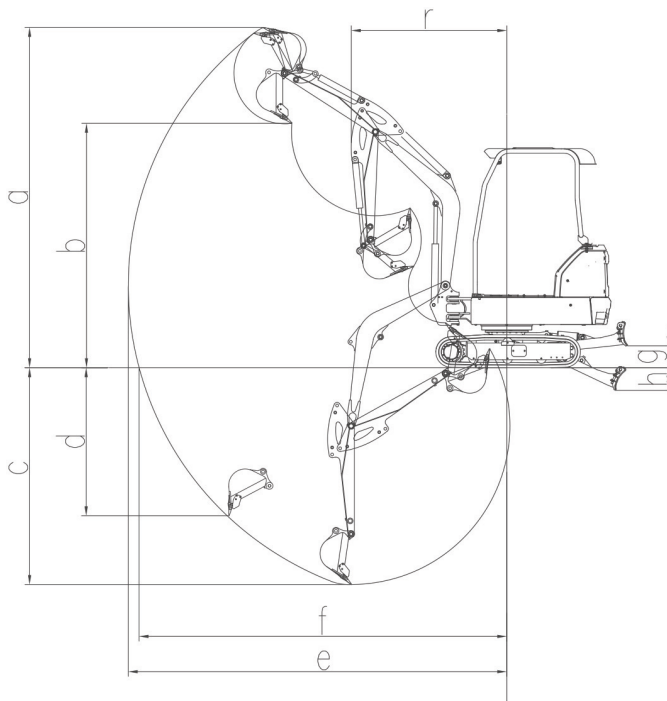


- ◆ The all-electric drive with zero emissions and exceptionally low noise levels allows the machine to operate in noise- and emission-sensitive environments such as city centres, residential areas, hospitals, schools and indoor worksites.
- ◆ The electric powertrain delivers consistent performance without the cold-start issues or power loss often associated with diesel engines, ensuring reliable operation in low temperatures and at high altitudes.
- ◆ With fewer service requirements, reduced maintenance needs and lower operating costs, the machine helps minimise downtime and maximise profitability. Backed by a comprehensive warranty, it offers an efficient and cost-effective solution for everyday operation.



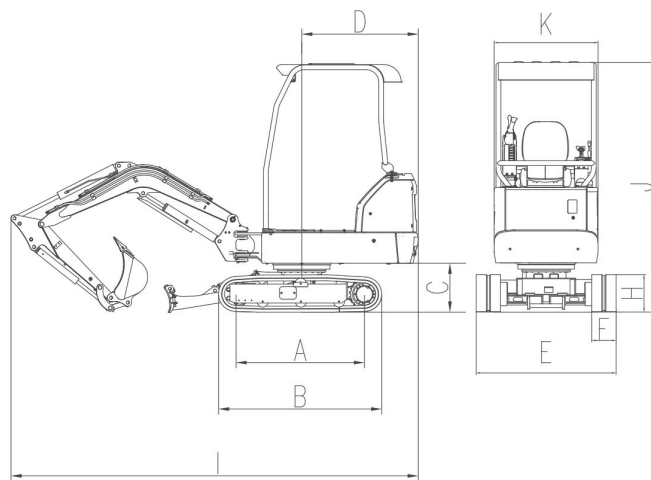
Parameters and performance of the main machine

Dimension (L×W×H)		mm	3 840 x 990 x 2360
Operating mass		t	1.85
Bucket capacity		m³	0.035
Motor	Motor type		Three-phase A.M
	Rated power	kW	10
	Rated torque	N·m	46
Battery	Type		Lithium iron phosphate
	Capacity	kWh	20.608
	Voltage	V	73.6
	Indicative time	h	4 - 6
Bucket digging force		kN	21
Arm digging force		kN	9.8
Type of primary pump			Variable piston pump
Max. flow of primary pump		L/min	44.8
System pressure		Mpa	24.5
Swing speed		rpm	10
Boom swing (L/R)		°	65 / 47
Travel speed		km/h	4.4 / 2.3
Gradeability		%	57.7
Ground pressure		kPa	30
Hydraulic oil tank capacity		L	20



Working range

	Arm length	mm	1 150
	Boom length	mm	1 800
a	Max. digging height	mm	3 620
b	Max. dumping height	mm	2 545
c	Max. digging depth	mm	2 260
d	Max. vertical digging radius	mm	1 735
e	Max. digging radius	mm	4 075
f	Max. digging reach at ground level	mm	3 960
g	Max. lift height of the dozer blade	mm	240
h	Max. digging depth of dozer blade	mm	240
r	Min. swing radius	mm	1 730



Outline dimensions

A	Length to center of rollers	mm	1 210	G	Chassis ground clearance	mm	160
B	Total track length	mm	1 555	H	Track height	mm	352
C	Counterweight clearance	mm	460	I	Total length	mm	3 840
D	Platform tail slewing radius	mm	1 110	J	Cab roof height	mm	2 360
E	Chassis width	mm	990 / 1 360	K	Upper-structure width	mm	990
F	Track shoe width	mm	230				

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

