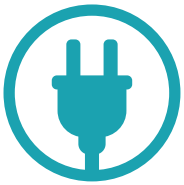


CONSTRUCTION EQUIPMENT

**SUNWARD**  
INNOVATION LEADS TO VALUE



ELECTRIC  
MINI EXCAVATOR **SWE 20FED**

Engine Power: **8 kW**

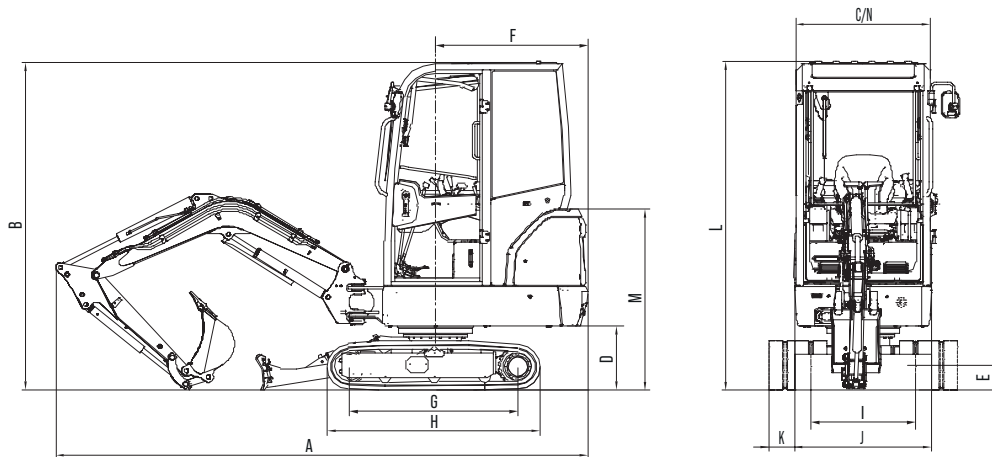
Machine Weight: **1920 kg**



## TECHNICAL PARAMETERS

TYPE OF CAB		Cab / Canopy	
BUCKET CAPACITY		0.035 m <sup>3</sup>	
BUCKET WIDTH, STD.		370 mm	
MACHINE WEIGHT		1640-1780 kg	
DIMENSIONS	Overall dimension (L × W × H)	3840 × 990 × 2360 mm	
	A Total length	3840 mm	
	B Total height	2360 mm	
	C Total with	990 mm	
	D Ground clearance of counter weight	460 mm	
	E Minimum ground clearance	160 mm	
	F Tail swing radius	1110 mm	
	G Track length on the ground	1210 mm	
	H Track length	1555 mm	
	I Track gauge	760/1130 mm	
	J Undercarriage width	990/1360 mm	
	K Track shoe width	230 mm	
	L Cab height	2360 mm	
	M Height of engine hood	1310 mm	
	N Width of turntable	990 mm	
	Boom length	1800 mm	
	Arm length	1150 mm	
	POWER SOURCE	Battery type	Lithium-ion
		System voltage	76.8 V
Emissions		Zero emissions at point of use	
MOTOR	Type	3-Phase asynchronous	
	Power	8 kW	
	Max. torque	120 N*m	
TRACK	Type	Rubber track	
	Rubber shoe width	230 mm	
UNDERCARRIAGE	Track length	1555 mm	
	Traveling speed (High/Low)	4.5/2.5 km/h	
	Gradeability	30 deg	
SWING SPEED		10 rpm	
GROUND PRESSURE		30 kpa	
HYDRAULIC PUMPS	Hydraulic pump type	Single axial swashplate piston pump	
	Max displacement of hydraulic pump	67.2 L/min	
	Hydraulic pressure of hydraulic pump	245 bar	
	Pilot pump	/	
	Max displacement of pilot pump	15 L/min	
	Hydraulic pressure of pilot pump	32 bar	
SWING MOTOR		Piston motor	
TRAVEL MOTOR		Piston motor	
HYDRAULIC OIL TANK CAPACITY		26 L	

## DIMENSIONS



## WORKING RANGE

WORKING RANGE & BREAKOUT FORCE	a	Max. cutting height	3 533 mm	
	b	Max. loading height	2 440 mm	
	c	Max. digging depth	2 057 mm	
	d	Max. digging depth (2.4 m)	1 757 mm	
	e	Max. digging reach	3 883 mm	
	f	Max. reach on ground	3 762 mm	
	g	Min. front swing radius	1 580 mm	
	h	Max dozer lifting height	240 mm	
	i	Max dozer cutting depth	240 mm	
			Max digging force (Bucket)	21 kN
			Max digging force (Arm)	12 kN
			Boom swing angle (Left/Right)	65/47°

