

MINI EXCAVATOR SWE 20F

Engine Power: 13.4 kW

Machine Weight: 1840 kg-1940 kg



OUR STANDARD FEATURES

ARE OPTIONS FOR OTHERS

Presenting the SWE 20F

is to transport, operate and maintain. and efficacy and indicates how easy the machine machine's modern styling visualizes its durability professional hands or by occasional users. The certified for European market requirements. mini-excavator - specifically designed and This 2 ton mini-excavator can do it all, either in I take great pride in introducing the SWE 20F

improves the quality of life. SWE 20F creates value for our customers and A product of our company's innovative DNA, the safe operation, and convenient maintenance. excellent performance, comfortable and This top-of-the-line mini-excavator offers

manufacturers and top 20 excavator companies one of the world's top 50 construction machinery In just 20 years, Sunward has grown to become 100 countries worldwide. Today, our products are exported to more than

Thank you for sharing our pride! Professor He

SAFE AND COMFORTABLE EASY TO MAINTAIN AND SERVICE SWE 20F keeps you safe and provides every comfort in all working con to be thoroughly convinced! you stay safe, day and night. to accommodate any working requirement and tool. means that Sunward provides the highest flexibility on the market as standard for all jobs and users' needs. The SWE 20F has 3 separate functional lines, w 2 ton machine's performance by providing one of the more enhanced performance. Sunward's unique hydraulic system enhances thi the Japanese-made hydraulic system, all is set for reliability, durability and from the world's top premium brands. From the Yanmar Stage V engine to occasional users. So, just like our other machines, all key components come RELIABLE, POWERFUL AND DURABLE Main features

Reliable, Powerful and Durable

All key components are carefully

levels, and high-altitude performance control. the EPA's Tier 4 final emission requirements. Plus, this engine European Union's latest Stage V emission requirements and The powerful Yanmar 3 TNV 80F engine complies with the features low fuel consumption, low noise and vibration

to the SWE 20F's reliability. machinery are efficient, reliable, and space-saving. So, it's no coincidence that Sunward selected them to contribute motor. NACHI pumps and components for construction selected Japanese premium brand NACHI to be our main the highest references in the market. For the SWE 20F, we machine. That's why Sunward sources exclusively from supplier for the hydraulic pump and the traveling and swing The hydraulics are of ten regarded as the heart of the



Premium brand critical components





Powerful lifting & digging forces and long reach capacity

1 meter (1 150 mm) long. which easily rival the 2-ton excavator competitors on the market. And when it comes to its The SWE 20F has exceptional digging forces of over 22.7 kN (bucket) and almost 10 kN (arm) long-reach digging capacity, the SWE 20F's boom cylinder design provides a reach that's over



Boom and protection plates

in good shape, ready for many more hours on the job. the machine's components. And when you rent your machine, you know it will come back when working in the field. We've taken special care to protect the boom and dozer cylinders An excavator's boom cylinders are particularly at risk of damage caused by flying stones with covering plates, so that the operator can focus fully on his job and not worry about

SMOOTH OPERATIONS THANKS TO

Safety valve

SWE 20F is equipped with safety valves as lifting work. And because reliability and movements, especially during the load Safety valves prevent uncontrolled cylinder performance are part of the package, the a standard feature.

controlled operations. pilot traveling control as a standard feature All of our 2 ton mini-excavators provide – to continually enhance precise and



traveling Auto gear shifting during

speed gear shifting in case the machine getting over the obstacle, the machine encounters an obstacle during high-speed two-speed switch. operator from having to frequently flip the This automatic gear shifting frees the automatically returns to high-speed mode speed automatically. And then, after SWE 20F shifts from high speed to low over the obstacle on a bumpy road, the traveling. To increase traction to get The SWE 20F features auto high & low

Versatile and Optimized

Engineering and design produce optimal, versatile machines

In the spirit of Sunward's motto – Innovation Leads to Value' – all engineering and design are focused on generating optimal value for the mini-excavator is expected to do. machine buyer or owner. So, our machines can be used in a large variety of working conditions and applications – exactly what a 2 ton



Compact for easy transport all over the job sites

can be safely transported on a small trailer with automatic slew lock and 4 easily accessed tie-SWE 20F does more than simply align with the A 2 ton mini-excavator's versality starts with maintaining a total transport weight close to 2 ton up to 3 buckets and a hydraulic breaker, while allows easy, safe and secure transport. With (990 mm width) and lightweight (1840 kg), it EU's transportation regulations – truly compact how well it is designed for transportation. The -down points on the undercarriage, the machine



Flexible and stable

extended from 990 mm to 1360 mm - provides robust stability, ensuring safe and comfortable operation in all kinds of job The SWE 20F's extendable undercarriage – the track width can be applications.





Full auxiliary lines as standard

all types of attachments. built in as standard – providing fully adjustable pressure and flow monitoring for The SWE 20F can adapt to any job site, thanks to the complete auxiliary settings

provides 1 to 2 lines as standard), which are distributed as follows: This results in no less than 3 separate auxiliary lines as standard (while the market

- 1 line at the boom of the arm (AUX1), which is used primarily for the hydraulic
- 1 line for greater flow to fulfill the requirements of a flow-demanding attachment. such as a breaker (AUX2)
- 1 line with lesser flow as an extra line for attachments that are equipped with 2 actuators (AUX3)





Safe and Comfortable

customer needs. And that includes no compromise On top of their EU certification, all Sunward machines between comfort and safety. on the European market are designed to meet European



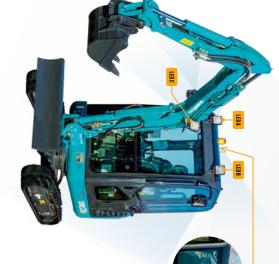
Safe & Comfy Cab

comfortable job in all application environments among the first features to ensure a safe and FOPS and TOPS II cab tops are standard and

safety belt – contributes to overall peace of mind. great ease of operation. Finally, the safety pack and the simple layout of the controls, add to the ports, the cab's features promote efficiency. adjustable arm rest and the radio with USB From the suspension seat and heating, to the including fire extinguisher, safety hammer, and The superior visibility through the large windows operators of all sizes from everywhere in Europe keep operators comfortable and productive. The well-organized cab is clearly designed to The large entrance to the roomy cab welcomes









and grey days All-around visibility on bright

of weather, 24 hours a day. working conditions safe in all kinds boom, and 1 on the rear of the cab - to keep as standard with 4 LED lights - 2 on the Plus, this 2 ton mini-excavator is equipped awareness of the machine's environment make it easy to operate with all-around frame, enhanced by mirrors on both sides front of the cab, 1 on the left side of the The cab's wide windows and slender



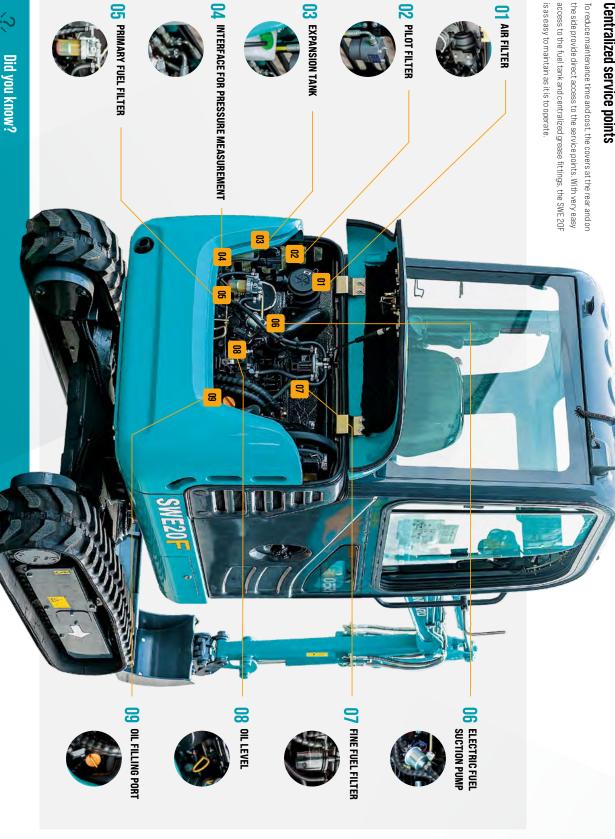
Color monitoring screen

charging indications. key information readily accessible: machine status, engine rpm functions and simple interface for easy operation, makes all and temperature, fuel level, machine hours, oil indicators and The easy-to-read 5.7" color monitoring screen, with centralized

Easy to Maintain and Service

Centralized service points

the side provide direct access to the service points. With very easy access to the fuel tank and centralized grease fittings, the SWE 20F To reduce maintenance time and cost, the covers at the rear and on







Best Value for Money from A to Z



in the spirit of reverse engineering – to facilitate all service and maintenance operations.

Direct Support within Europe

Sunward's European headquarters are strategically located in Tessenderlo, Belgium, in the heart of Europe: 45 minutes from Brussels International Airport and 60 minutes from the port of Antwerp.



Machines & Parts -Readily available

rom its Tessenderlo headquarters, Sunward Europe can ensure rapid delivery of machines and spare parts everywhere in Europe. Sunward machines and parts enjoy exceptional availability. Wachines can be delivered very quickly from local balers, and Sunward machine operators benefit from quick and easy access to a large parts listribution center in Tessenderlo. Sunward urope guarantees an availability rate of 95% for its spare parts.



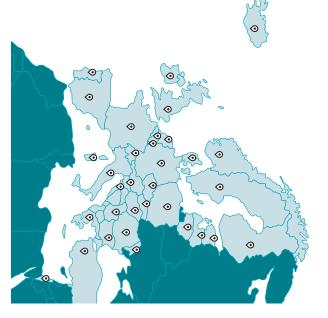




Dealers all over Europe, UK and Middle-East

Dealers are at the heart of Sunward's passion for continuous improvement. Our dealers' knowledge is a real asset—their feedback from serving local market needs enhances our engineering and design innovations Sunward's innovations create value—for machine operators and, ultimately, for our dealers.

Sunward provides Best Value for Money products to dealers and operators in a number of ways, especially through our Dealers' Parts Warehouse (DPW).



EQUIPMENT

The standard and optional equipment varies from country to country. For more information, please contact us.

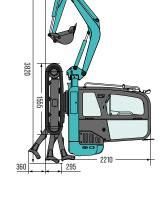
AM/FM radio	
	•
Cup holder	•
Seat with shock absorber	•
Warming System	•
Engine meso-position start system	•
CAB Retractable harness	•
	•
Winds creen was her and wiper	•
Rearview mirror	•
Cigarette lighter	•
Travel alarm	•
260 mm bucket	
380 mm bucket	
WORKING 1150 mm arm	•
	•
Auxiliary piping	•
Hydraulic Quick Hitch piping	•
230 mm rubber track	•
230 mm steel track	
Expanded undercarriage	•
Extendable blade	•
Oil filter	•
Fuel filter	•
Fuel-water separator	•
Air filter	•
ENGINE Radiator	•
Alternator	•
Expansion tank	•
Electronic fuel pump	•
Muffler	•
Hydraulic pilot control	•
Parking-upon-swing brake	•
Parking-upon-traveling brake	•
Dual-speed traveling system	•
Automated gear shift system	•
Boom safety valve	•
6 auxiliary lines	•
Boom light	•
Front cab light	•
LIGHTS Warning light for closed cab version	•
	•
Warning light for canopy version	

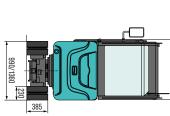
TECHNICAL PARAMETERS

		HYDRAULIC OIL TANK CAPACITY
23L		FUEL TANK CAPACITY
		TRAVEL MOTOR
	Hydraulic pressure	
	Flow rate	HYDRAULIC PUMPS
2 variable plunger pumps, 1 gear pump, 1 pilot gear pump	Type	
	Lifting capacity (Height/Depth)	
	Height	DOZER SIZE
	Width	
		GROUND PRESSURE
		SWING SPEED
	Gradeability	
	Traveling speed (High/Low)	
	Length to center of track	UNDERCARRIAGE
	Length to center of rollers	
	Track length	
	Rubber shoe width	IDAGA
	Type	TBACK
	Output	
	Displacement	
	Emission rating	ENGINE
	Model	
	Brand	
3 820 × 990 × 2 210 mm	Overall dimension (L × W × H)	DIMENSIONS
		MACHINE WEIGHT
		BUCKET WIDTH, STD.
		BUCKET CAPACITY
		TYPE OF CAB

DIMENSIONS

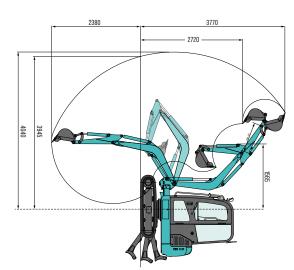
990





WORKING RANGE

				WORKING RANGES				
Max digging force (Bucket)	Max digging force (Arm)	Tail swing radius	Front swing radius	Boom swing angle (Left/Right)	Max digging reach	Max digging depth	Max loading height	Max. cutting height
22.7 kN	9.83 kN	1120 mm	1 565 mm	75/50°	4 040 mm	2380 mm	2 720 mm	3 770 mm



LIFTING CAPACITY

-1.0	0	1.5	2.0	Lift Point Height (m)	
326.30*	313.20*	269.70*	261.00*	Over-front (kg)	LiftPointr
321.90*	313.20*	274.10*	265.40*	Over-side (kg)	Lift Point radius (MAX)
1	352.40*	274.10*	248.00*	0ver-front (kg)	Lift Point ra
1	356.70*	278.40*	256.70*	0 ver-side (kg)	Lift Point radius (3.0 m)
465.5*	587.30*	469.80*	ı	Over-front (kg)	Lift Point ra
469.8*	587.30*	478.50*	ı	0ver-side (kg)	Lift Point radius (2.0 m)

- Mobes:

 1. Load with *s imited by hydraulic capacity and based on 130 1069. Rated loads do not exceed 87% of hydraulic capacity.

 2. Load with *s imited by rigining load and based on 130 1069. Rated loads do not exceed 75% of hydraulic capacity.

 3. A: distance from center of rotation to perpendicular of weight; 8: distance between bucket hinge pin and ground level.

