

**Make: SUNWARD**  
**Model: SWE 90UF**

Price: POA

Ref: SUN5010

**Make / Model:** SUNWARD SWE 90UF

**Year:** 2025

**Condition:** Brand New

**Additional Spec:**

- Machine weight: 8900kg
- 5 year warranty
- 3 year full engine warranty
- Yanmar EU stage V engine
- Complete with 3 buckets
- Hydraulic quick hitch
- Zero tail swing
- 2 speed tracking















## Reliability and Performance

### All key components are carefully selected

The Yanmar 4TNV98C engine complies with the European Union's latest Stage V emission requirements and the EPA Tier 4 final emission requirements of North America. Common rail direct-injection assures more precise fuel delivery and control, increased fuel economy, superior exhaust treatment, reduced emissions, and improved performances.

Bosch Rexroth is the market leader in hydraulic pump innovation, design, and manufacture. So, it was natural for Sunward to select this premium brand to be our main pump supplier. Our Bosch Rexroth hydraulic pumps deliver greater precision and reliability – which naturally reflects on the reliability of the SWE 90UF.

Rexroth is known for setting the highest standards in engineering excellence. And their experience in the construction sector made them Sunward's natural partner for the valves and the joysticks.



### Premium brand critical components

<b>YANMAR</b> Stage V engine	<b>BOSCH REXROTH</b> Main pump	<b>BOSCH REXROTH</b> Mechanical Cartridge Valves and joystick	<b>FLUTEK</b> Travelling motor	<b>KYB</b> Swing motor
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### Safety valves

Safety valves prevent uncontrolled movement of the cylinder, especially during the load lifting work. Moreover, the SWE 90UF is equipped with safety valves as a standard feature. Reliability and performance are definitely part of the package.

### High-level configuration, safe and reliable

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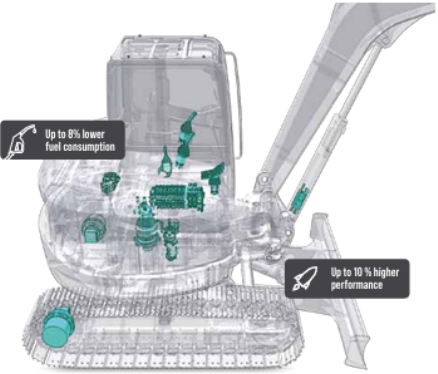


### Real lifting capacity

The SWE90UF has exceptional lifting capacities up to 4 749 kg (max.) and stretched reach up to 7 445 mm (max.) that easily rival the long-established 9-ton excavators on the market.

### Powerful digging force & long reach

With a digging force of 38 kN (arm) and almost 63.5 kN (bucket), the SWE 90UF is certainly equal to – and even better than – the 9-ton references available on the market. And when it comes to its long-reach digging capacity, the SWE 90UF is again very well positioned with its almost 7.5 m long reach.



### Precise control

The SWE 90UF enjoys very precise control thanks to the LUDV System (load independent flow control). The compact excavator flow-sharing system fully exploits the excavator's potential, enhancing fine control and precision performance.

The individual functions are assigned different speeds and directions of movement, improving workflows as a result. Moreover, with just one variable displacement pump, the number of components can be reduced, leading to: higher performance (up to 10% higher than that of a comparable machine), and lower fuel consumption (up to 8% lower).

### Protection plates for boom cylinders

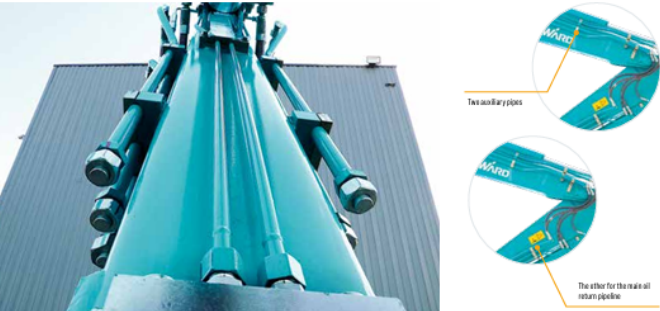
Several excavator components – especially the boom cylinders – are at risk of damage caused by flying stones when working in the field. Special care is taken to protect the boom cylinders with covering plates, so that the operator can focus fully on his job and not be over-cautious concerning the machine components.



# Versatility and Optimized Operations

## Engineering and design produce versatile and optimized machines

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



### Complete auxiliary lines as standard

The SWE 90UF can adapt to any job site, thanks to the complete auxiliary settings built-in as a standard feature – providing fully adjustable pressure and flow monitoring for all types of attachments.

This results in no less than 7 lines (while the market provides 5 lines at best). The SWE 90UF's 7 standard auxiliary lines are distributed as follows:

- 2 lines at the front of the arm (AUX1), which is mainly used for the hydraulic quick-hitch
- 2 lines for greater flow to satisfy requirements of attachments (AUX2)
- 2 lines with lower flow for breaker or other attachments (AUX3)
- 1 larger pipeline for hydraulic return with uni-flow-direction attachment such as a breaker

### 3 working modes

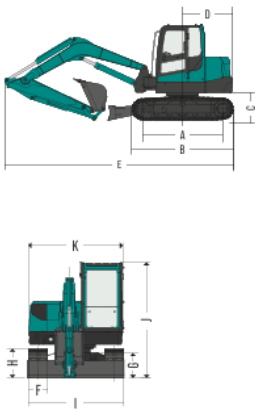
To balance between fuel consumption and the desired productivity, the SWE 90UF offers 3 working modes:

HEAVY WORK MODE	STANDARD WORK MODE	ATTACHMENT MODE
Dedicated to hard digging operations – where working time and power consumption are at flow	Saves fuel by lowering the engine's speed – even in no load or non-load, while maintaining	With this mode, the operator can set the flow rate according to the attachment selection

## TECHNICAL PARAMETERS

DIMENSIONS	Overall dimension (L × W × H)	6 494 × 2 250 × 2 735 mm
	A Length to center of rollers	2 270 mm
	B Total track length	2 900 mm
	C Ground clearance of platform	800 mm
	D Platform tail slewing radius	1 430 mm
	E Shipping length	6 494 mm
	F Track width	450 mm
	G Chassis clearance from the ground	380 mm
	H Track height	678 mm
	I Shipping width	2 250 mm
	J Cab-roof height	2 735 mm
MACHINE WEIGHT	Upper-carriage width	2 220 mm
	with rubber track	8 750 kg
PERFORMANCE	with steel track	8 900 kg
	Standard bucket capacity	0.28 m³
	Digging force (bucket) (ISO)	63.5 kN
	Digging force (arm) (ISO)	38 kN
	Maximum traction force	90 kN
	Slew angle (boom)	90°/1.62 °
	Traveling speed (Max./Min)	4.7/2.7 km/h
	Gradeability	35 °
	Ground pressure	35.4 kPa
	Swing speed	11.2 rpm
ENGINE	Brand	YANMAR
	Model	4TNV98C
	Type	4-cylinder, 4-stroke, water cooling
	Displacement	3.318 L
HYDRAULIC	Power/speed (gross/net)	46.2/2200 kW/rpm
	Fuel tank capacity	125 L
	Type	1 variable piston pump
	Displacement	180 L/min
	Pressure of main relief valve	28 MPa
	Hydraulic tank capacity	80 L

## DIMENSIONS



Incorporated in England and Wales Company number: 03184184