

SWE 18UF
MINI-SIZED EXCAVATOR



Engine netpower:13.4kW
Machine weight:1880kg



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Zero tail swing

Yanmar engine

Conforming to the highest emission standards Stage5 (Europe) a TF4 (North America), preferred by compact type equipment. With low noise and vibration, it is popular among compact equipment and it is easy to maintain the main components



Hydraulic pilot traveling control

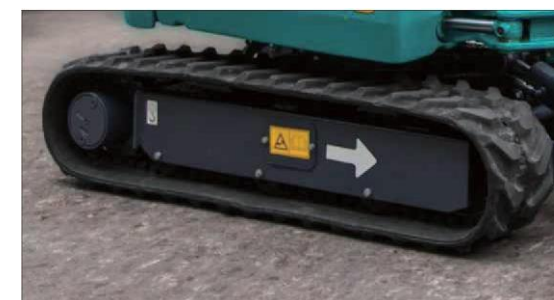
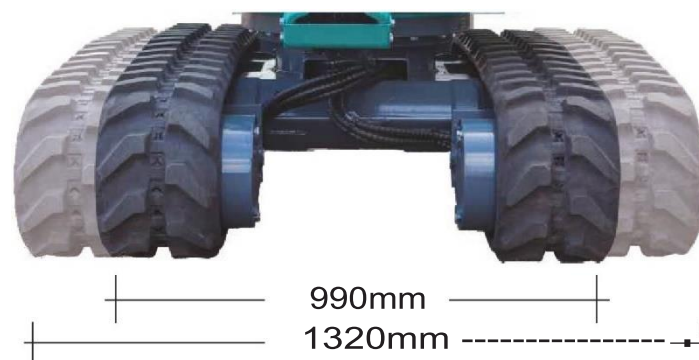
Breaker and boom swing are independently controlled by side pedals. Pedal control is added to reduce the labor intensity of the driver.



Configuration	Standard	Optional
Canopy	•	
Breaker pipes	•	•
Auxiliary pipes		•
Hydraulic quick hitch pipes		•
Track	•	

Telescopic chassis

A simple single lever controls the width of chassis to as narrow as 990mm, allowing for smooth access to most openings and to as wide as 1360mm to enhance operation stability.



Auto shifting function

Strong and reliable walking system: large torque power output of travelling motor and automatic speed change function allow for free waling under various working conditions, with two options of tracks: steel track and rubber track.

Easy to transport





Comfortable and safety operation

FOPS- and TOPS-certified canopy assembly protects the driver from falling objects/tip-over. The two-pillar structure is simpler and easier to assemble and disassemble than the four-pillar structure. The cab is provided with a floating shock absorber seat.



Advanced monitor



The rare high-end LED intelligent instrument not only displays the date, working hours, oil level and water temperature, but also integrates the functions of dual traveling speed switching, switch control of work lights and partial fault display.

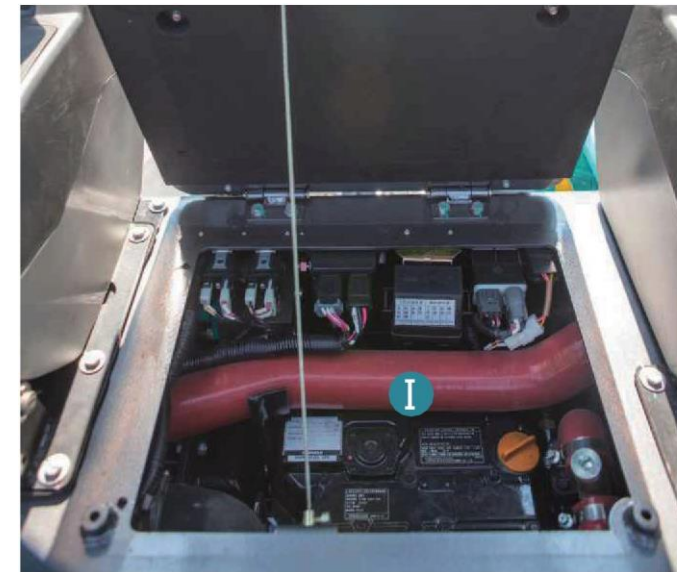
■ List of Items Displayed

Coolant temperature	Traveling mode	Fuel level
Working hours	Operating light	Monitor working indicator
Oil pressure warning	Overheat warning	Time
Charging indication	Various indicator of the engine	

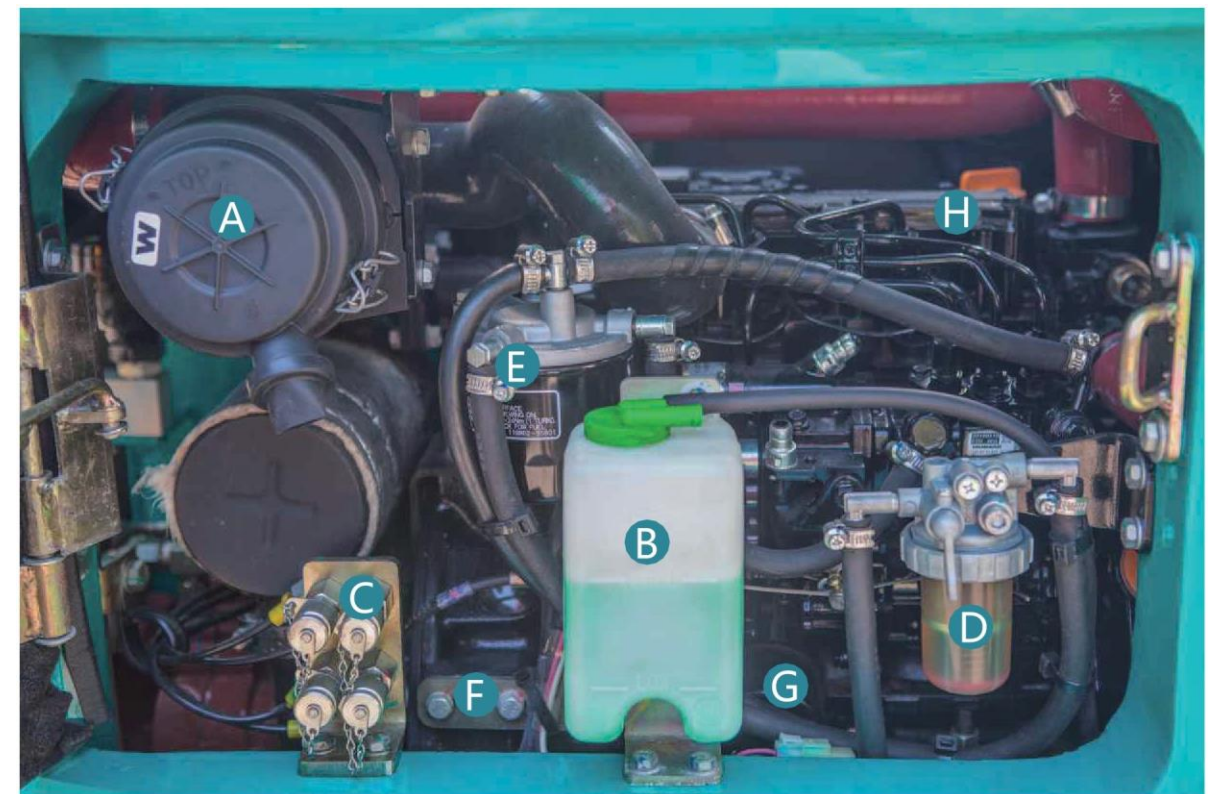


Easy service

Air filter element, engine oil filter element, oil-water separator, fuel filter and auxiliary water tank are easily accessible. The centralized lubrication system is easy and simple to maintain.



- A** Air filter
- B** Auxiliary tank
- C** Centralized pressing gauge
- D** Oil-water filter
- E** Fuel filter
- F** Fuel feed pump
- G** Oil filter
- H** Engine oil tank cap
- I** Central electric control box





LED working light



Safety switch of pilot control



Steel protection cover



Cast slew connector



Auxiliary pipes(Standard)
Hydraulic quick hitch pipes(optional)



Foldable dozer blade

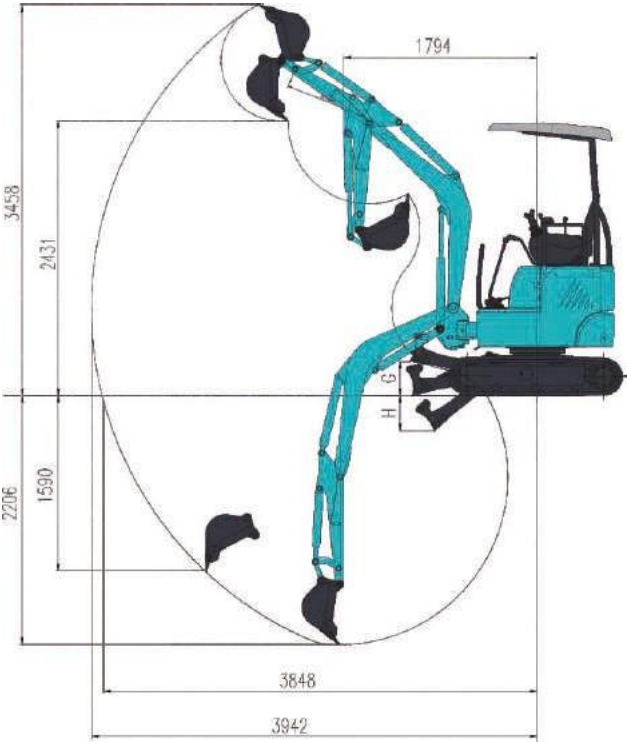
Equipment

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

Engine		
Oil filter	●	
Fuel filter	●	
Oil-water separator	●	
Air filter	●	
Radiator	●	
Alternator		
Auxiliary water tank	●	
Electronic fuel feed pump	●	
Muffler	●	
Hydraulic system		
Hydraulic pilot control joystick	●	
Slewing parking brake system	●	
Traveling parking brake system	●	
Dual-speed traveling system	●	
Auto traveling gear shifting system	●	
Light		
Boom light	●	
Superstructure light	●	

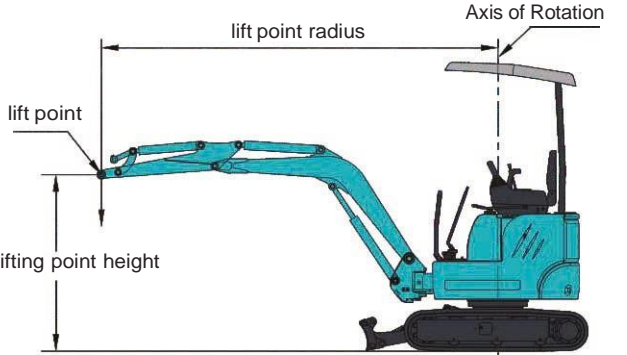
Cab		
AM/FM radio	●	
Suspension seat	●	
Engine safety start system	●	
Safety belt	●	
FOPS/TOPS Canopy	○	
Working devices		
260 mm bucket	○	
380mm bucket	●	
600 mm bucket	○	
1000 mm bucket	○	
Breaker pipeline	●	
Auxiliary pipeline	●	
Hydraulic quick hitch pipeline	●	
Track		
230mm steel track	○	
230mm rubber track	●	

SWE18UF Technical Parameters				
Type of cab		canopy		
Bucket capacity,std.		m3	0.04	
Bucket width		mm	380	
Machine weight		kg	1880	
Dimensions	Overall length	mm	3582	
	Overall height	mm	2415	
	Overall width	mm	990	
	Ground clearance	mm	160	
Engine	Brand	Yanmar		
	Model	3TNV80F-SSSU		
	Displacement	L	1.267	
	Output	kW/rpm	13.4/2200	
Working ranges	Max cutting height	mm	3458	
	Max loading height	mm	2431	
	Max digging depth	mm	2206	
	Max vertical wall digging depth	mm	1590	
	Max digging reach	mm	3942	
	Boom swing angle(left/right)		71/49	
	Front swing radius	mm	1794	
	Tail swing radius	mm	680	
	Max digging force(Arm)	kN	11.24	
	Max digging force(Bucket)	kN	22.7	
Track	Type	mm	Rubber crawler	
	Track Width	mm	230	
	Track Length	mm	1538	
Undercarrige	Length to center of Rollers	mm	1210	
	Lenhth to center of track	mm	760/1090	
	Travelling speed(High/Low)	km/h	3.5/2	
	Gradeability		30	
Swing speed		rpm	10	
Dozer size	Width	mm	990/1320	
	Height	mm	267	
	Lifting capacity(Height/Depth)	mm	216/270	
Hydraulic pumps			2 variable plunger pumps (21L/min) + 1 gear pump (15L/min) + 1 pilot gear pump (5.9L/min)	
Fuel tank capacity		L	24.6	
Hydraulic oil tank capacity		L	18.6	



Load Capacity:

Lift Point Height	Lift Point Radius(MAX)		Lift Point Radius(3.0m)		Lift Point Radius(2.0m)	
	Over-front(kg)	Over-side(kg)	Over-front(kg)	Over-side(kg)	Over-front(kg)	Over-side(kg)
2.5m	220.10*	224.90*	205.80*	215.40*		
2.0m	220.10*	224.90*	220.10*	224.90*		
1.0m	229.70*	234.50*	244.10*	248.90*	368.50*	406.80*
0m	258.40*	258.40*	268.00*	277.60*	449.90*	469.00*
-1.0m	253.60*	253.60*			368.50*	358.90*



- Standard equipment
- Optional equipment

Notes :

- 1) Load with * is limited by hydraulic capacity and based on ISO 10567.Rated loads do not exceed 87% of hydraulic capacity.
- 2) Load without* is limited by tipping load and based on ISO 10567.Rated loads do not exceed 75% of tipping capacity.
- 3) The excavator bucket,hook,sling and other lifting accessories are not included in this table.