

SWE 18UF

MINI-SIZED EXCAVATOR



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SWE 2019-1

Engine netpower:13.4kW
Machine weight:1880kg



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

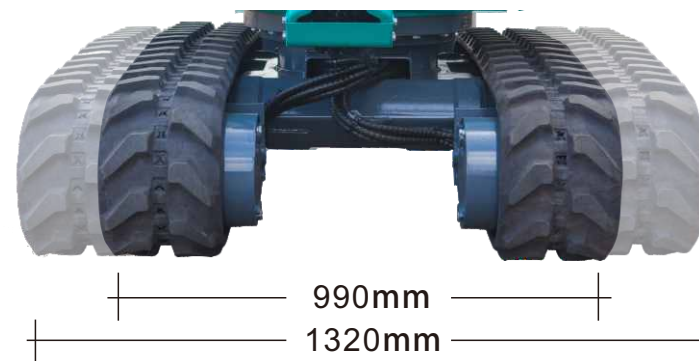
Breaker and boom swing are independently controlled by side pedals. Pedal control is added to reduce the labor intensity of the driver.



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
 - Working hours
 - Oil pressure warning
 - Charging indication

- Traveling mode
 - Operating light
 - Overheat warning
 - Various indicator of the engine

- Fuel level
 - Monitor working indicator
 - Time

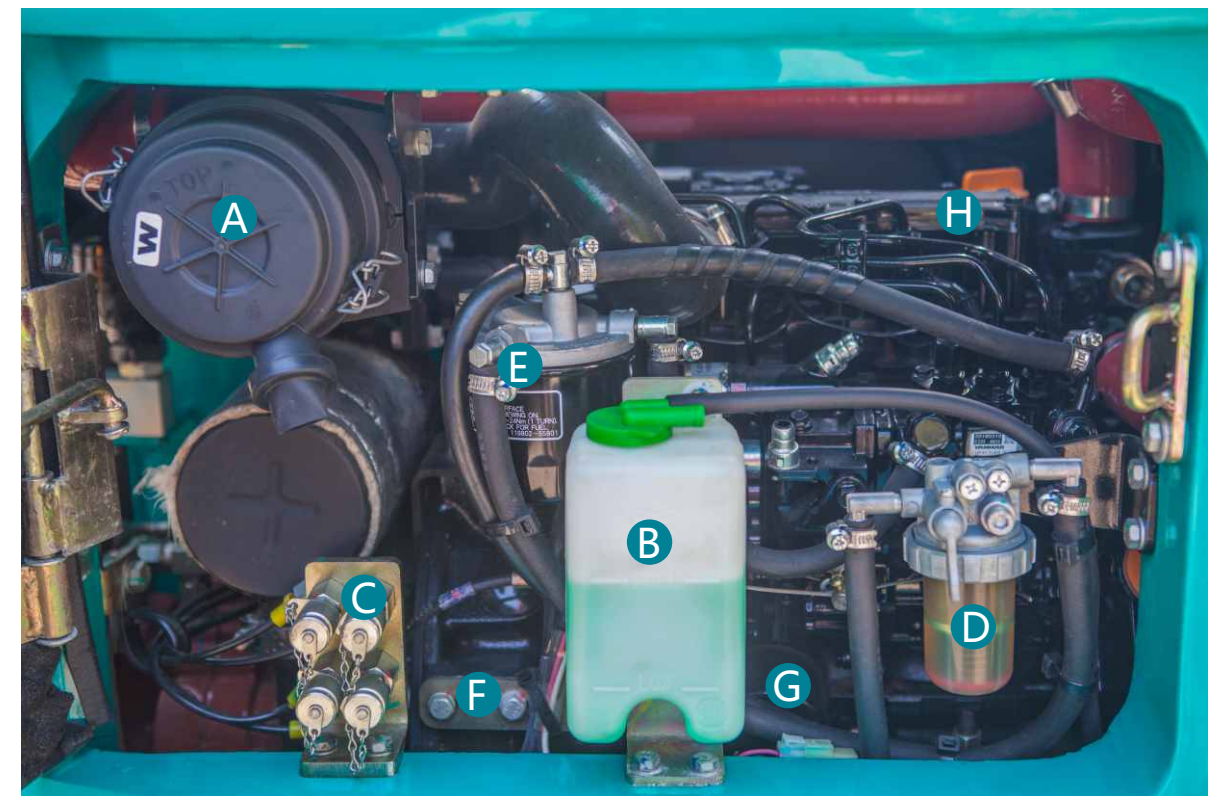


Easy service

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





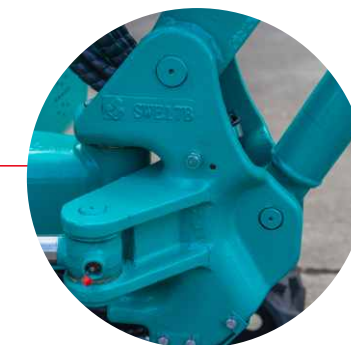
LED working light



**Safety switch of
pilot control**



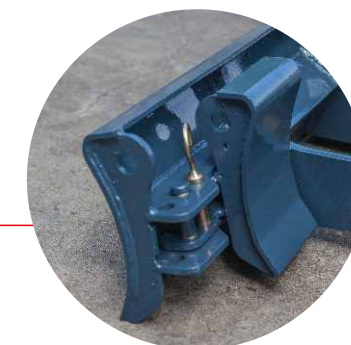
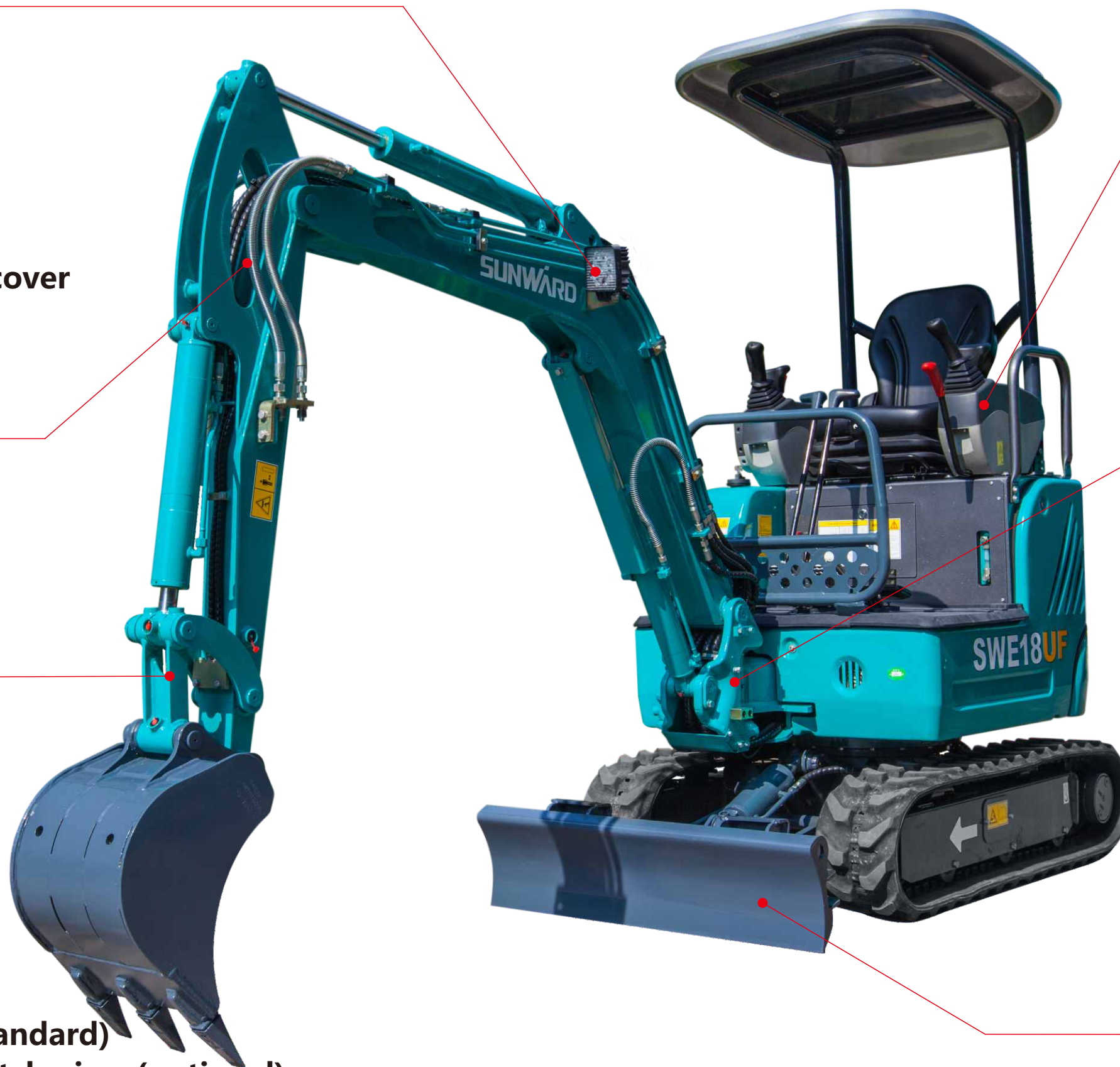
Steel protection cover



Cast slew connector



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



Foldable dozer blade

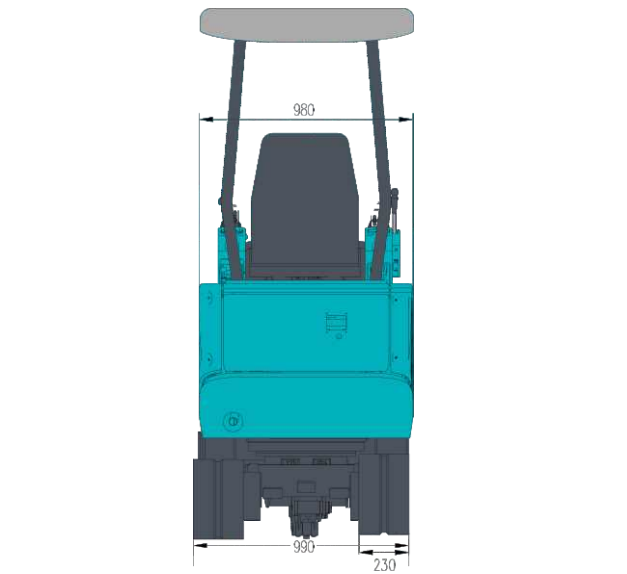
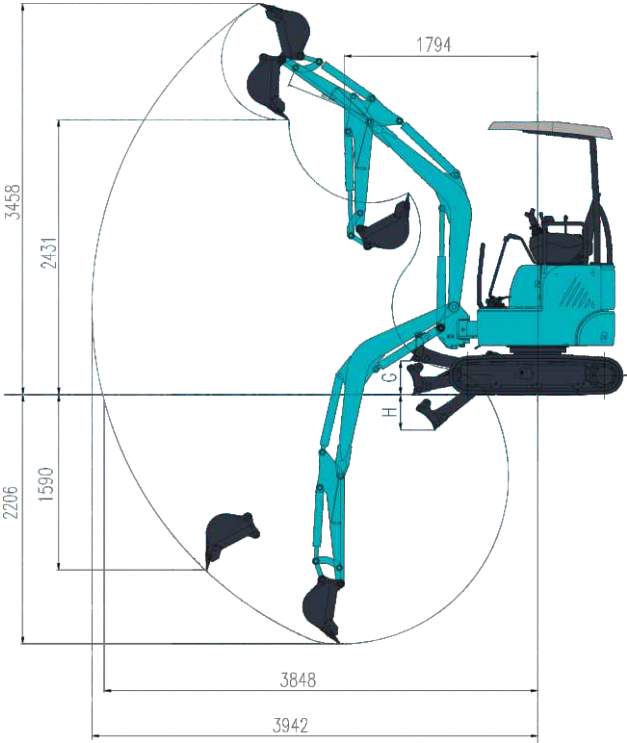
Equipment

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

Engine		Cab	
Oil filter	●	AM/FM radio	●
Fuel filter	●	Suspension seat	●
Oil-water separator	●	Engine safety start system	●
Air filter	●	Safety belt	●
Radiator	●	FOPS/TOPS Canopy	○
Alternator	●	Working devices	
Auxiliary water tank	●	260 mm bucket	○
Electronic fuel feed pump	●	380mm bucket	●
Muffler	●	600 mm bucket	○
Hydraulic system		1000 mm bucket	○
Hydraulic pilot control joystick	●	Breaker pipeline	●
Slewing parking brake system	●	Auxiliary pipeline	●
Traveling parking brake system	●	Hydraulic quick hitch pipeline	●
Dual-speed traveling system	●	Track	
Auto traveling gear shifting system	●	230mm steel track	○
Light		230mm rubber track	●
Boom light	●		
Superstructure light	●		

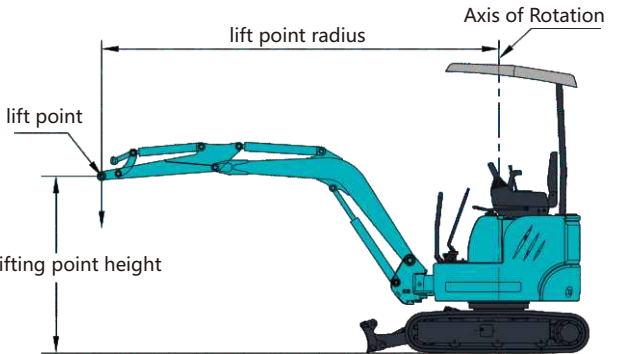
● Standard equipment ○ Optional equipment

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*



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.