



## RLE28UF

MINI EXCAVATOR

ENGINE POWER : 20HP  
ENGINE MAKE : Kubota  
BUCKET : 0.08 m<sup>3</sup>  
OPERATING WEIGHT : 2650 Kg



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## Outstanding performance

Powered by T4F and Stage 5 Yanmar engine and equipped with excellent hydraulic system and elements; coordinated and smooth compound movement of boom, bucket rod, bucket and slewing, which deeply impressed the users among products of the same tonnage.

### Electro-hydraulic proportional lever controls the flow (optional)

**Yanmar engine**  
With low noise and vibration, it is popular among compact equipment and it is easy to maintain the main components.



## Superior performance, powerfull engine, confortable interior

- Cab
- Canopy
- Right proportional Joystick
- Breaker pipes
- Auxiliary pipes

Configuration	Standard	Optional
	•	
		•
	•	•
	•	
		•

## Easy to transport







### Comfort operation environment

Wider space and wide view enabled by enlarged front windscreen and sunroof; in addition, the high-quality floating shock absorber seat, imitation leather interior on the top, radio, cup holder and reading light ensure a comfortable driving experience;

### Safe driving space

Frame supported cab with Fops/Tops safety certificate; regular top protection rail ensures safe driving; hidden seat belt, safety hammer, pilot lock rod, swing parking brake, traveling parking brake and start-up mechanism protects the engine not start with the pilot lever on.



### Simple and easy switch control

### Advanced monitor

#### ■ List of display items

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





The door and engine hood can be open completely for daily inspection and change of filter.  
The left lower service hole makes easier maintenance of multi-way valve without removing covering parts.







LED working light

LED warning light

Steel protection cover

Breaker and  
Auxiliary pipes

Hydraulic quick  
hitch pipes

Cast aluminium pedal

Cylinder protection plate

Transport connector

Centralized greasing filling

Cast slew connector



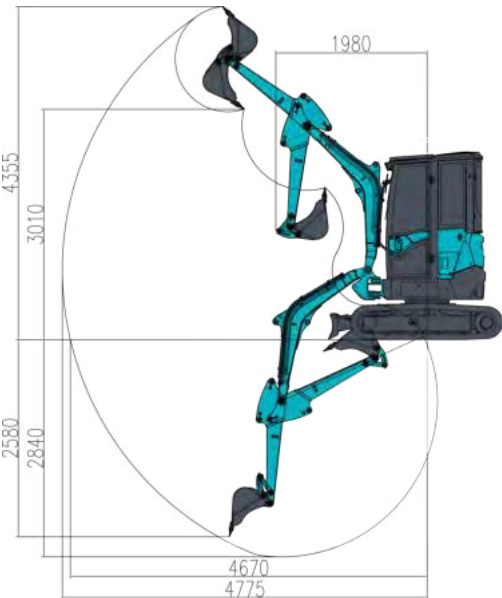
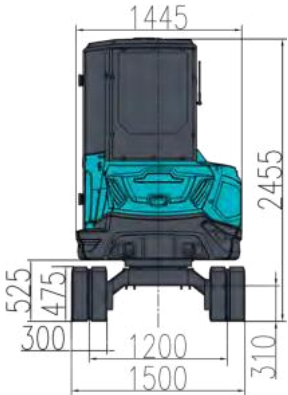
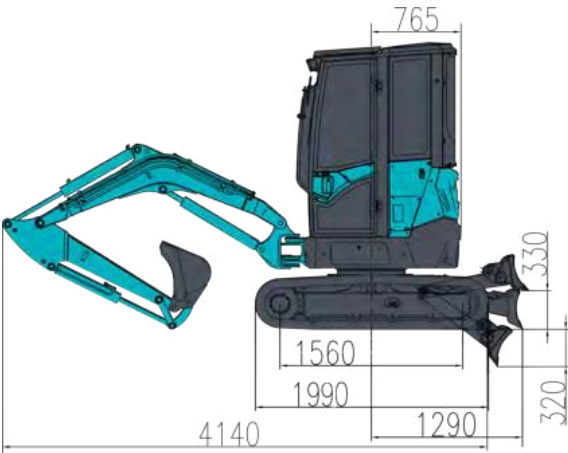
Equipment

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	●	Cup holder	●
Oil-water separator	●	Suspension seat	●
Air filter	●	Heating system	●
Radiator	●	Engine safety start system	●
Alternator	●	Safety belt	●
Auxiliary water tank	●	FOPS/TOPS cab	●
Electronic fuel feed pump	●	FOPS/TOPS Canopy	○
Muffler	●	Windscreen washer and wiper	●
Hydraulic system		Left/right rearview mirror	●
Hydraulic pilot control rod	●	Lighter	●
Slewing parking brake system	●	Safety device of front windscreen	○
Traveling parking brake system	●	Front working devices	
Dual-speed traveling system	●	300 mm bucket	○
Auto traveling gear shifting system	●	485mm bucket	○
Electro-hydraulic proportional lever	○	580 mm bucket	●
Light		1000 mm bucket	○
Boom light	●	Breaker pipeling	●
Superstructure light	●	Auxiliary pipeling	●
Front cab light	●	Hydraulic quick hitch pipeline	●
Warning light	●	Track	
		300mm rubber track	●
		300mm steel track	○

●Standard equipment    ○ Optional equipment

RLE28UF TECHNICAL PARAMETERS			
Type of cab		cabin/canopy	
Bucket capacity,std.		m³	0.08
Bucket width		mm	580
Machine weight		kg	2650/2550
Dimensions	Overall length	mm	4140
	Overall height	mm	2455
	Overall width	mm	1500
	Ground clearance	mm	310
Engine	Brand	Yanmar	
	Model	3TNV80F-SPSU	
	Displacement	L	1.267
	Output	kW/rpm	14.6/2400
Working ranges	Max cutting height	mm	4355
	Max loading height	mm	3010
	Max digging depth	mm	2840
	Max vertical wall digging depth	mm	2580
	Max digging reach	mm	4775
	Boom swing angle (left/right)	°	65/50
	Front swing radius	mm	1980
	Tail swing radius	mm	765
	Max digging force (Arm)	kN	14
	Max digging force (Bucket)	kN	24
Track	Type	Rubber track/steel track	
	Track Width	mm	300
Undercarrige	Track Length	mm	1990
	Length to center of Rollers	mm	1560
	Lenhth to center of track	mm	1200
	Travelling speed(High/Low)	km/h	4.4/2.6
	Gradeability	deg	30
Swing speed		rpm	10
Ground pressure		kpa	25.1
Dozer size	Width	mm	1500
	Height	mm	325
	Lifting capacity (Height/Depth)	mm	330/320
Hydraulic pumps	Type	2 variable plunger pump,1Gear pump	
	Displacement	L/min	2*28.8+19.2+6.5
	Hydraulic pressure	Mpa	2*23.5+19
Fuel tank capacity		L	26
Hydraulic oil tank capacity		L	24



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)
3.0m	574.00*	398.00	-	-	-	-
1.5m	596.00*	255.00	648.00*	416.00	-	-
0m	609.00*	244.00	861.00*	345.00	1270.00*	596.00
—1.0m	631.00*	293.00	774.00*	334.00	1101.00*	495.00

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.