

ATLAS KOMPAKT

AC 20B

AC 20B MINI-SIZED EXCAVATOR



ATLAS KOMPAKT

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AC EN 2017-08

Engine netpower: 13.3kW

Machine weight: 1940/1840kg



Configuration	Standard	Optional
Cab	●	
Canopy		●
Breaker pipes	●	
Auxiliary pipes		●
Hydraulic quick hitch pipes		●

Outstanding performance

Yanmar engine

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



Pilot traveling control

Pilot traveling control for precise and correct operation

Auto gear shifting during traveling

Auto high-speed and low-speed gear shifting; in case of obstacles during high speed traveling, it shifts to low speed gear of high torque;



Telescopic chassis

Simple single lever controls the width of chassis to as narrow as 990mm and to as wide as 1360mm to enhance operation stability.



Easy to transport



Comfort cab



Comfort operation environment

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



Safe driving space

Frame supported cab with Fops/Tops safety certificate, regular protection mechanism of front windscreen, hidden seat belt and safety hammer for safety of driver;



Clear monitoring instrument that is easy to operate

■ List of display items

- Coolant temperature
- Fuel level
- Working hours
- Time
- Traveling mode
- Operation light
- Various warning lights of engine
- Overheat warning
- Oil pressure warning
- Charging indication
- Working light indication

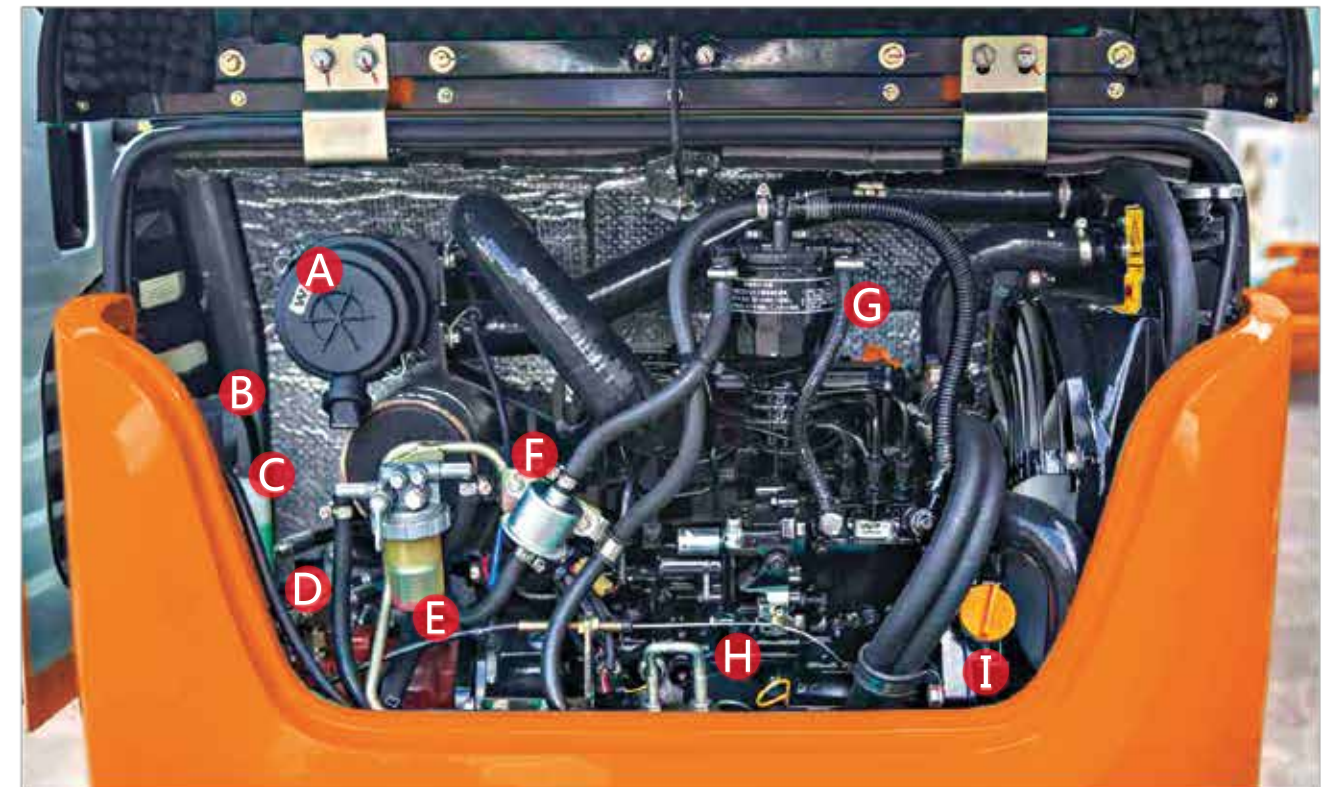


Easy service

The tail hood can be open to a large degree, which makes easier daily inspection and change of filters. The left lower service hole makes easier maintenance of multi-way valve without removing the cab; exterior fuel filler makes refueling easier.



- | | | |
|-------------------------|---|---------------------------|
| A Air filter | D Interface for pressure measurement | G Fine fuel filter |
| B Pilot filter | E Primary fuel filter | H Oil filter |
| C Expansion tank | F Electric oil suction pump | I Oil filler |



LED working light



Sleeve of pipe wire



LED warning light



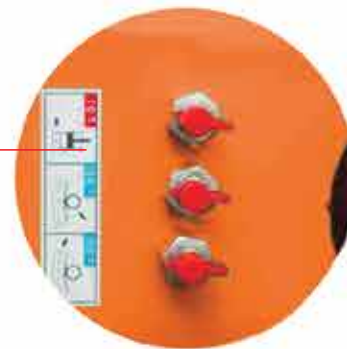
**Auxiliary pipes(Standard)
Hydraulic quick
hitch pipes(optional)**



Tools placement location



**Collected
grease filling**



Cast slew joint



Foldable dozer blade



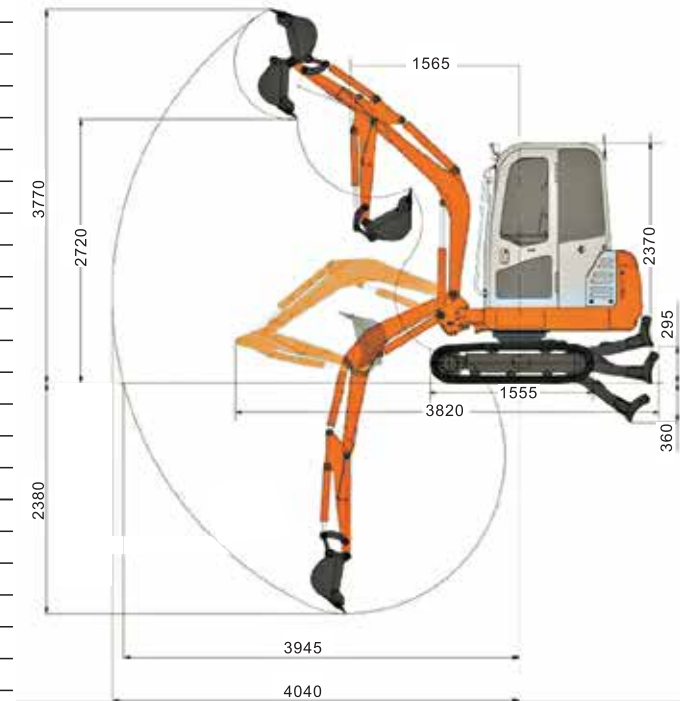
Equipment

The regular 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 neutral start system	●
Alternator	●	Retractable safety belt	●
Expansion tank	●	FOPS/TOPS cab	●
Electronic fuel pump	●	FOPS/TOPS Canopy	○
Muffler	●	Windscreen washer and wiper	●
Hydraulic system		Front working devices	
Hydraulic pilot control rod	●	Left/right rearview mirror	●
Slewing parking brake system	●	Cigar lighter	●
Traveling parking brake system	●	Safety device of front windscreen	○
Dual-speed traveling system	●	260 mm bucket	○
Auto traveling gear shifting system	●	380mm bucket	●
Light		600 mm bucket	○
Boom light	●	1000 mm bucket	○
Superstructure light	●	Breaker pipeling	●
Front cab light	●	Auxiliary pipeling	○
Warning light	●	Hydraulic quick hitch pipeline	○
Components of understructure			
230mm rubber track	●		
230mm steel track	○		

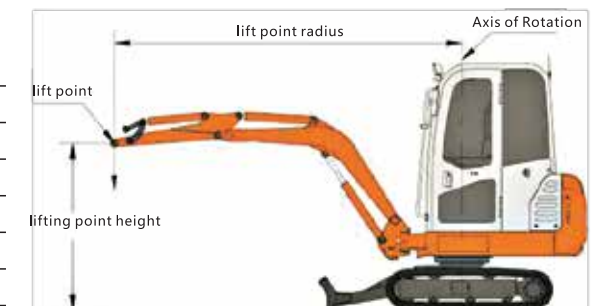
● Regular equipment ○ Optional equipment

AC 20B Technical Parameters				
Type of cab	cabin/canopy			
Bucket capacity, std.	m ³	0.04		
Bucket width	mm	380		
Machine weight	kg	1940/1840		
Dimensions	Overall length	mm	3820	
	Overall height	mm	2370	
	Overall width	mm	990	
	Ground clearance	mm	482	
Engine	Brand	Yanmar		
	Model	3TNV76-SSU		
	Displacement	L	1.116	
	Output	kW/rpm	13.3/2200	
Working ranges	Max cutting height	mm	3770	
	Max loading height	mm	2720	
	Max digging depth	mm	2380	
	Max digging reach	mm	4040	
	Boom swing angle (left/right)	°	75/50	
	Front swing radius	mm	1565	
	Tail swing radius	mm	1120	
	Max digging force (Arm)	kN	9.83	
	Max digging force (Bucket)	kN	22.7	
	Track	Type	Rubber crawler	
Rubber shoe Width		mm	230	
Undercarrige	Track Length	mm	1555	
	Length to center of Rollers	mm	1210	
	Lenhth to center of track	mm	760/1130	
	Travelling spaeed(High/Low)	km/h	3.5/2	
	Gradeability	deg	30	
Swing speed	rpm	10		
Ground pressure	kpa	30		
Dozer size	Width	mm	990/1360	
	Height	mm	267	
	Lifting capacity (Height/Depth)	mm	295/360	
Hydraulic pumps	Type	2 variable plunger pump, 1 Gear pump		
	Flow rate	L/min	2*21+15	
	Hydraulic pressure	Mpa	2*22.5+18	
Swing motor	Plunger motor			
Travel motor	2-speed plunger motor			
Fuel tank capacity	L	23		
Hydraulic oil tank capacity	L	35		



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)
2.0m	260.0*	180.0	250.0*	210.0	-	-
1.50m	280.0*	150.0	310.0*	200.0	470.0*	380.0
0m	300.0*	160.0	360.0*	190.0	670.0*	350.0
-1.0m	330.0*	200.0	-	-	620.0*	340.0



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.