

# CT18-9B Series Mini Hydraulic Crawler Excavator

## Description










1. Have passed CE certificate.
2. PERKINS engine, low noise, low fuel consumption, big torque.
3. Power system and hydraulic system cooperate well to improve 10% dig power.
4. With rubber track, retractable chassis to improve stability.
5. Swing boom meets narrow work condition.
6. Optional hydraulic quick hitch, hammer, ripper, thumb and auger.
7. Various bucket can be selected.

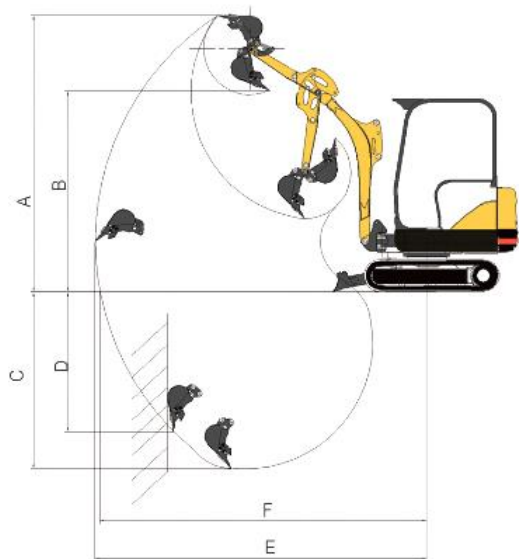
### Loading for CT18-9B

Excavator model	Loading by 20GP Container	Loading by 40HQ Container
CT18-9B Series	4 Sets	8 Sets

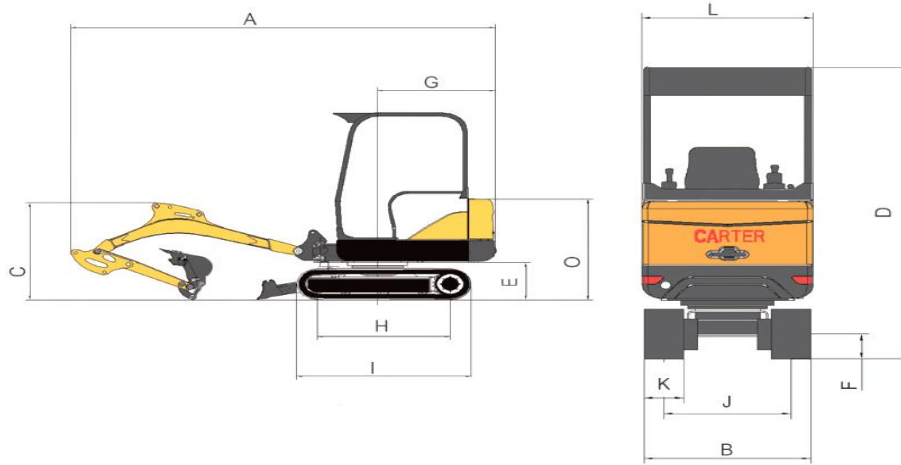
### Technical Specification

 <b>Engine</b>		 <b>Travel System</b>	
Model	Yanmar 3TNV76	Travel motors	Eaton
Type	Direct injection, water cooled, natural intake	Support roller quantities	2×3
No. of cylinder	3	Carrier roller quantities	2×1
Bore and stroke	70x74(mm)	Travel shoes	No
Displacement	0.854L	Travel speed	2.2/4.2(km/h)
Power output	14.1kw/2400rpm	Drawbar pulling force	11.7kN
Max. torque	50N.m/2000rpm	Gradeability	58%(30°)
		Track shoes thickness	5mm

 <b>Hydraulic System</b>		 <b>Cab &amp; Electrical System</b>		
Pump	CASAPPA	Cab	All-weather, sound-suppressed Cab and equipped with a heavy, insulated Floor Mat , Front Window can be opened and slided; adjustable Seat	
Type	Axial-piston pump+gear pump			
Max. discharge flow	54 (L/min)			
<b>Max. discharge pressure</b>				
Boom, arm and bucket	21 MPa	Voltage	12V	
Travel circuit	12 MPa	Batteries	1X12V	
Swing circuit	9 MPa	Battery capacity	60Ah	
Control circuit	3.9 MPa	<b>Boom, Arm &amp; Bucket</b>		
Pilot control pump	Gear type	Boom cylinder	Φ60xΦ35xS440-L770	
Main control valves	Hydro Control	Arm cylinder	Φ60xΦ35xS330-L600	
Oil cooler	Air cooled type	Bucket cylinder	Φ55xΦ30xS300-L560	
 <b>Swing System</b>		 <b>Refilling Capacity &amp; lubrication</b>		
Swing motor	Eaton	Fuel tank	32L	
Swing motor type	Axial-piston motor	Cooling system	8L	
Brake	No	Engine oil	4.4L	
Swing speed	8.8 r/min	Hydraulic oil tank	18L Tank Oil Level	
			21L Hydraulic System	
 <b>Bucket</b>				
<b>Type</b>		<b>Backhoe bucket</b>		
Bucket capacity		0.04m <sup>3</sup> (SAE)		
Bucket Capacity scope		0.028-0.095m <sup>3</sup>		
Number of bucket teeth		4		
Bucket width		450 mm		
<b>Working ranges</b>				
<b>Boom length</b>		<b>1830mm</b>		
A	Max. digging height	3327mm		
B	Max. dumping height	2361mm		
C	Max. digging depth	2110mm		
D	Max. vertical digging depth	1600mm		
E	Max. digging distance	3947mm		
F	Max. digging radius at ground level	3889mm		
<b>Digging Force (ISO6015)</b>				
<b>Arm length</b>		<b>950mm</b>		
A	Bucket digging force	14.8 KN		
B	Arm digging force	10.2 KN		
<b>Overall Dimensions</b>				
A	Overall length	3867mm	G Tail swing radius	1072mm
B	Overall width	1000mm	H Track grounding length	1210mm



C	Overall height(to top of boom)	1185mm	I	Track length	1588mm
D	Overall height(to top of cab)	2313mm	J	Track gauge(extension 1090mm)	760mm
E	Counter weight ground clearance	484mm	K	Track Shoe width	230mm
F	Min. Ground clearance	175mm	L	Revolving frame width	1000mm



## Operating Weight and Ground Pressure

Operating weight includes basic machine

Operating weight	1800kg(with canopy) / 1900 Kg (with cab)
Ground pressure	28 KPa