





# CT08 Mini Hydraulic Crawler Excavator



## Description

**CT08 (canopy) Photo**



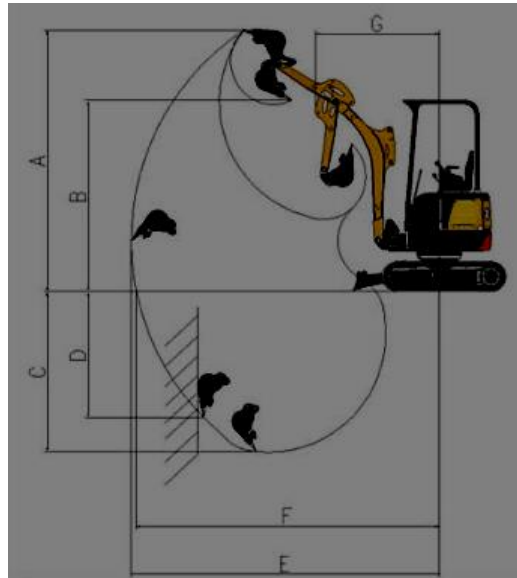
## Technical Specification

 <b>Engine</b>		 <b>Travel System</b>	
Model	KOOP 192F-1	Travel motors	SMT310
Type	Direct injection, water cooled, natural intake	Support roller quantities	2×2
No. of cylinder	1	Carrier roller quantities	No
Bore and stroke	92x75	Travel shoes	No
Displacement	0.499	Travel speed	1.9(km/h)
Power output	7kw/3000rpm	Drawbar pulling force	8.3KN
Max. torque	27N.m/2200rpm	Gradeability	58%(30°)
		Track Shoes Thickness	4 mm
 <b>Hydraulic System</b>		 <b>Cab &amp; Electrical System</b>	
Pump	2ZGPA0D6S0L0	Cab	All-weather, sound-suppressed Cab and equipped with a heavy, insulated Floor Mat , Front Window can be opened and slided; adjustable Seat
Type	Gear pump		
Max. discharge flow	18 (L/min)		
<b>Max. discharge pressure</b>			
Boom, arm and bucket	16MPa	Voltage	12V
Travel circuit	16 MPa	Batteries	1X12V
Swing circuit	16 MPa	Battery capacity	45Ah
Control circuit	No	<b>Boom, Arm &amp; Bucket</b>	

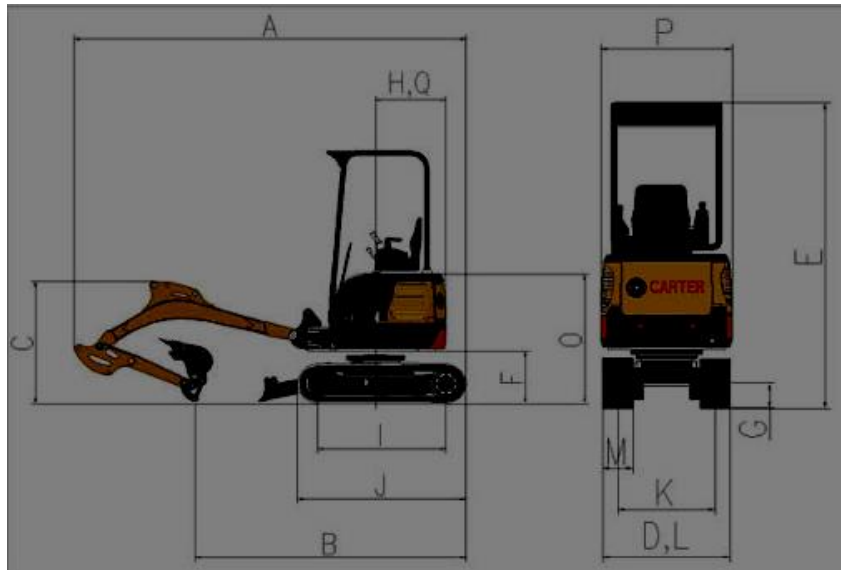
Pilot control pump	No	Boom cylinder	Φ63xΦ30xS285-L590
Main control valves	DL80	Arm cylinder	Φ50xΦ30xS325-L535
Oil cooler	Air cooled type	Bucket cylinder	Φ50xΦ30xS240-L470
 <b>Swing System</b>		 <b>Refilling Capacity &amp; lubrication</b>	
Swing motor	OMR200	Fuel tank	7L
Swing motor type	gerotor motor	Cooling system	No
Brake	No	Engine oil	1.2L
Parking brake	No	Hydraulic oil tank	14.5L Tank Oil Level
Swing speed	13 r/min		21.5L Hydraulic System

## **Bucket**

<b>Type</b>		<b>Backhoe bucket</b>	
Bucket capacity		0.022m <sup>3</sup> (SAE)	
Number of bucket teeth		3	
Bucket width		400 mm	
<b>Working ranges</b>			
<b>Boom length</b>		<b>1480mm</b>	
A	Max. digging height	2550mm	
B	Max. dumping height	1687mm	
C	Max. digging depth	1787mm	
D	Max. vertical digging depth	1626mm	
E	Max. digging distance	3077mm	
F	Max. digging radius at ground level	2992mm	
G	Min swing radius of work equipment	1483mm	
<b>Digging Force (ISO6015)</b>			
<b>Arm length</b>		<b>800mm</b>	
A	Bucket digging force	7.2 KN	
B	Arm digging force	4.6 KN	



<b>Overall Dimensions</b>					
A	Overall length	2876mm	I	Track grounding length	900mm
B	Ground contact length(Transportation)	2611mm	J	Track length	1233mm
C	Overall height(to top of boom)	1040mm	K	Track gauge	670mm
D	Overall width	840/908	L	Track width	840mm
E	Overall height(to top of cab)	1495mm	M	Track Shoe width	180mm
F	Counterweight ground clearance	385mm	O	Counterweight height	794mm
G	Min. Ground clearance	132mm	P	Revolving frame width	760mm
H	Tail swing radius	800mm	Q	Distance from swing center to tail	795mm



## Operating Weight and Ground Pressure

Operating weight includes basic machine

Operating weight	850kg
Ground pressure	20 KPa