





CT60-9 Hydraulic Crawler Excavator

Description

CT60-9 (Yanmar Engine) Photo



Technical Specification

 Engine	 Travel System		
Model	Yanmar 4TNV94L	Travel motors	KYB, Japan;
Type	Direct injection, 4 stroke, water cooled, natural intake	Support roller quantities	2×5
No. of cylinder	4	Carrier roller quantities	2×1
Bore and stroke	94X110(mm)	Travel shoes	2X37
Displacement	3.054L	Travel speed	2.5/4.0(km/h)
Power output	36.2kw/2100rpm	Drawbar pulling force	50.4kN
Max. torque	193.2~210.6N.m/1260±100 rpm	Gradeability	70%(30°)
		Track shoes thickness	6mm

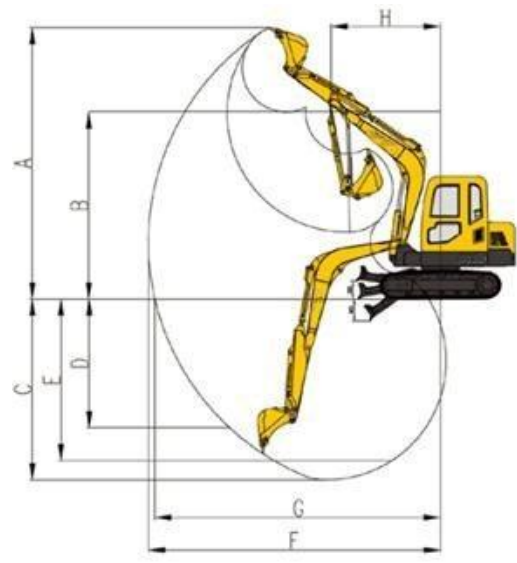


Shandong Carter Heavy Industry Machinery Co., Ltd

website: www.carter.net.cn

Add: Economic development zone, Linshu county, Shandong Province, P.R. China

Hydraulic System		Cab & Electrical System	
Pump	KYB, Japan	Cab	installed with silicon oil rubber, adjustable luxurious seat, cold and warm air-conditioning system plus flexible pilot control system
Type	axial piston pump+ gear pump		
Max. discharge flow	160 (L/min)		
Max. discharge pressure			
Boom, arm and bucket	24.5 MPa	Voltage	12V
Travel circuit	18.6 MPa	Batteries	1x12V
Swing circuit	20.5 MPa	Battery capacity	80Ah
Control circuit	3.9 MPa	Boom, Arm & Bucket	
Pilot control pump	Gear type	Boom cylinder	Φ110xΦ65xS720-L1095
Main control valves	KYB, Japan	Arm cylinder	Φ85xΦ55xS880-L1280
Oil cooler	Air cooled type	Bucket cylinder	Φ80xΦ50xS600-L925
Swing System		Refilling Capacity & lubrication	
Swing motor	KYB, Japan	Fuel tank	125 L
Swing motor type	Axial-piston motor	Cooling system	15 L
Brake	Hydraulic oil released	Engine oil	10.5 L
Parking brake	Hydraulic disc brake	Hydraulic oil tank	78 L Tank Oil Level
Swing speed	10 r/min		100 L Hydraulic System
Bucket			
Type		Backhoe bucket	
Bucket capacity		0.22m ³ (SAE)	
Bucket Capacity scope		0.072-0.25m ³	
Number of bucket teeth		5	
Bucket width		750 mm	
Working Ranges			
Boom length		3050mm	
A	Max. digging height	5889mm	
B	Max. dumping height	4201mm	
C	Max. digging depth	3812mm	
D	Max. vertical digging depth	3008mm	
F	Max. digging distance	6257mm	
G	Max. digging reach at ground level	6102mm	
H	Min swing radius of work equipment	2585mm	
Digging Force (ISO6015)			
Arm length		1580mm	
A	Bucket digging force	36.7 KN	
B	Arm digging force	26.1 KN	





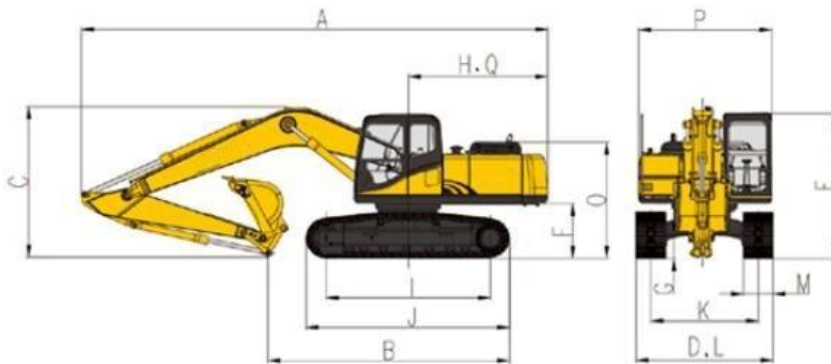
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Overall Dimensions

A	Overall length	5943mm	I	Track grounding length	2000mm
B	Ground contact length	3375mm	J	Track length	2665mm
C	Overall height(to top of boom)	1995mm	K	Track gauge	1600mm
D	Overall width	2000mm	L	Track width	2000mm
E	Overall height(to top of cab)	2619mm	M	Track Shoe width	400mm
F	Counter weight ground clearance	740mm	O	Counter weight height	1062mm
G	Min Ground clearance	360mm	P	Revolving frame width	1790mm
H	Tail swing radius	1745mm	Q	Distance from swing center to tail	1745mm



This picture just for reference, please according to real machine



Operating Weight and Ground Pressure

Operating weight includes basic machine;

Operating weight 5820 Kg

Ground pressure 34 KPa