

CT60-9 Hydraulic Crawler Excavator

Description

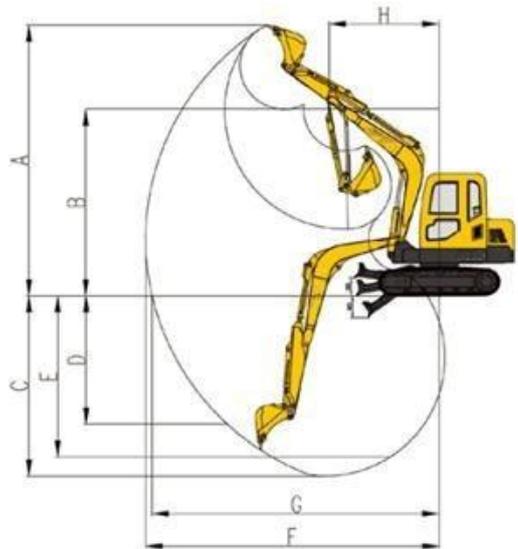
CT60-9 (Yanmar Engine) Photo



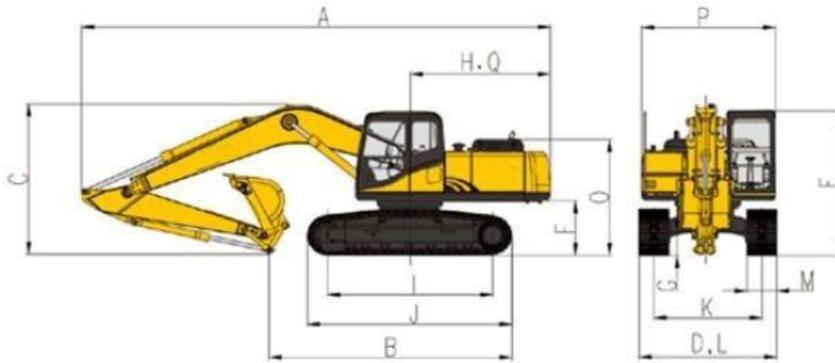
Technical Specification

 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
 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			
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