

CT45-8B Hydraulic Crawler Excavator

Description

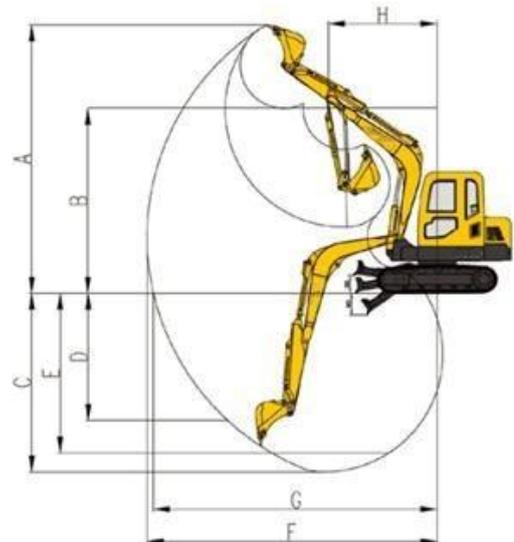
CT45-8BP Photo



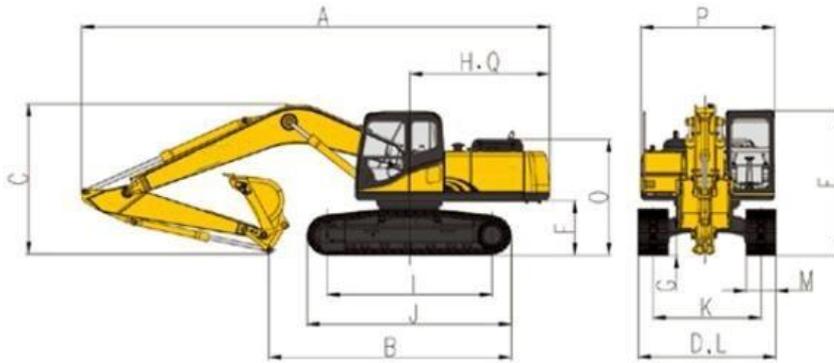
Technical Specification

 Engine		 Travel System	
Model	YANMAR 4TNV88	Travel motors	KYB, Japan;
Type	Direct injection, water cooled, natural intake	Support roller quantities	2×5
No. of cylinder	4	Carrier roller quantities	2×1
Bore and stroke	88X90(mm)	Travel shoes	2X35
Displacement	2.19L	Travel speed	2.7/4.4(km/h)
Power output	25.2kw/2200rpm	Drawbar pulling force	35kN
Max. torque	142N.m/1200rpm	Gradeability	58%(30°)
		Track shoes thickness	6mm
 Hydraulic System		 Cab & Electrical System	

Pump	KYB, Japan	Cab	All-weather, sound-suppressed Cab and equipped with a heavy, insulated Floor Mat, Front Window can be opened and slided; adjustable Seat; LED display, Automatic monitoring, display		
Type	axial piston pump+ gear pump				
Max. discharge flow	128 (L/min)				
Max. discharge pressure					
Boom, arm and bucket	24.5 MPa	Voltage	12V		
Travel circuit	15.7 MPa	Batteries	1x12V		
Swing circuit	15.7 MPa	Battery capacity	80Ah		
Control circuit	3.9 MPa	Boom, Arm & Bucket			
Pilot control pump	Gear type	Boom cylinder	Φ90xΦ50xS552-L915		
Main control valves	KYB, Japan	Arm cylinder	Φ85xΦ50xS580-L920		
Oil cooler	Air cooled type	Bucket cylinder	Φ70xΦ45xS443-L745		
 Swing System		 Refilling Capacity & lubrication			
Swing motor	KYB, Japan	Fuel tank	82 L		
Swing motor type	Axial-piston motor	Cooling system	12 L		
Brake	Hydraulic oil released	Engine oil	6L		
Parking brake	Hydraulic disc brake	Hydraulic oil tank	59L Tank Oil Level		
Swing speed	12 r/min		85L Hydraulic System		
 Bucket					
Type		Łyżka do koparko-ładowarki			
Bucket capacity		0.17m ³ (SAE)			
Bucket Capacity scope		0.069-0.24m ³			
Number of bucket teeth		4			
Bucket width		640 mm			
Working Ranges					
Boom length		2650mm			
A	Max. digging height	5030mm			
B	Max. dumping height	3390mm			
C	Max. digging depth	3390mm			
D	Max. vertical digging depth	2545mm			
F	Max. digging distance	5523mm			
G	Max. digging reach at ground level	5413mm			
H	Min swing radius of work equipment	2406mm			
Digging Force (ISO6015)					
Arm length		1450mm			
A	Bucket digging force	23.7 KN			
B	Arm digging force	21.6 KN			
Overall Dimensions Unit: mm					
A	Overall length	5385mm	I	Track grounding length	1710mm
B	Ground contact length	3512mm	J	Track length	2190mm



C	Overall height(to top of boom)	1783mm	K	Track gauge	1400mm
D	Overall width	1750mm	L	Track width	1750mm
E	Overall height(to top of cab)	2455mm	M	Track Shoe width	350mm
F	Counter weight ground clearance	600mm	O	Counter weight height	850mm
G	Min Ground clearance	350mm	P	Revolving frame width	1600mm
H	Tail swing radius	1561mm	Q	Distance from swing center to tail	1561mm



This picture just for reference, please according to real machine



Operating Weight and Ground Pressure

Operating weight includes basic machine;

Operating weight	4200 Kg
Ground pressure	36 KPa