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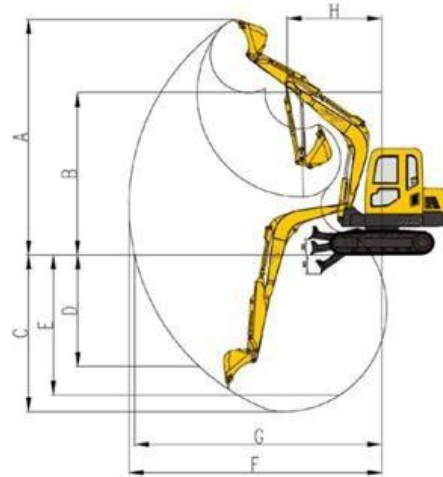


WE45 Hydraulic Crawler Excavator

Technical Specification

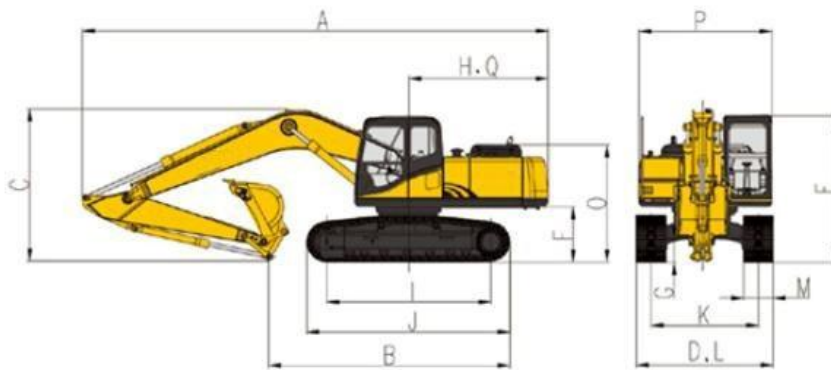
Engine		Travel System	
Model	YANMAR 4TNV88	Travel motors	KYB, Japan;
Type	Direct injection, water cooled, natural intake	Support roller quantities	2×5
		Carrier roller quantities	2×1
No. of cylinder	4	Travel shoes	2X35
Bore and stroke	88X90(mm)	Travel speed	2.7/4.4(km/h)
Displacement	2.19L	Drawbar pulling force	35kN
Power output	25.2kw/2200rpm	Gradeability	58%(30°)
Max. torque	142N.m/1200rpm	Ground clearance	350mm

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		
Maximum flow	2x45.7+36.9(L/min)		
Maximum displacement	2*20.8+16.8(Cm³)		
Working pressure	24.5Mpa		
Max. discharge pressure			
Boom, arm and bucket	21.5 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	10 r/min		85L Hydraulic System
Bucket			
Type		Backhoe bucket	
Bucket capacity		0.17m³ (SAE)	
Bucket Capacity scope		0.069-0.24m³	
Number of bucket teeth		4	
Bucket width		640 mm	
Working Ranges			
Boom length		2650m	
A	Max. digging depth	3405mm	
B	Max. dumping height	3410mm	
C	Max. digging height	5030mm	
D	Max. vertical digging depth	2900mm	
F	Max. digging distance	5530mm	
G	Max. digging reach at ground level	5420mm	
H	Min swing radius of work equipment	2185mm	
Digging Force (ISO6015)			
Arm length		1450mm	
A	Bucket digging force	23.7 KN	
B	Arm digging force	21.6 KN	



This picture just for reference, please according to real machine

Overall Dimensions				Unit: mm	
A	Overall length	5500mm	I	Track grounding length	1710mm
B	Ground contact length	3353mm	J	Track length	2190mm
C	Overall height(to top of boom)	1861mm	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	585mm	O	Bonnet height	1437mm
G	Min Ground clearance	350mm	P	Revolving frame width	1600mm
H	Tail swing radius	1600mm	Q	Distance from swing center to tail	1600mm



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