








CT360-8C Hydraulic Crawler Excavator Description

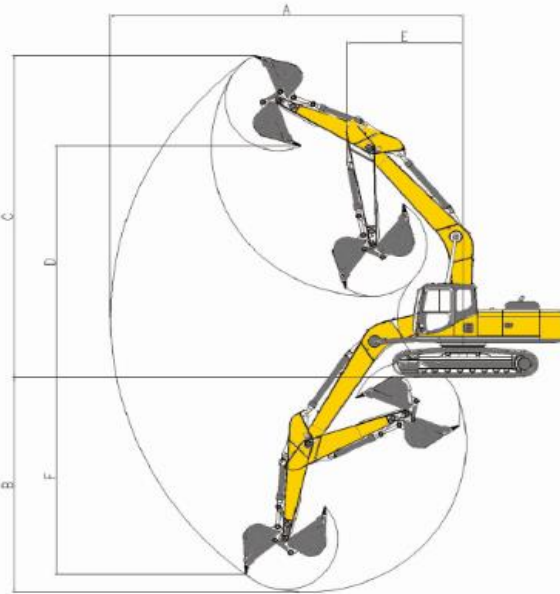
CT360-8C (ISUZU Engine) Photo



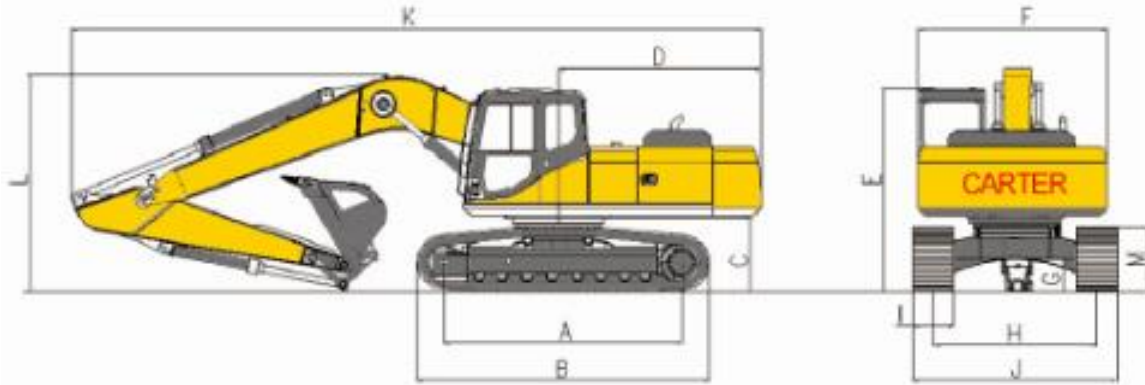
Technical Specification

 Engine		 Travel System	
Model	ISUZU 6HK1X	Travel motors	KYB, Japan
Type	Turbocharged, 4 Stroke, Direct injection, water cooled,	Support roller quantities	2x8
No. of cylinder	6	Carrier roller quantities	2x2
Bore and stroke	115x125(mm)	Travel shoes	2X48
Displacement	7.79L	Travel speed	3.1/4.8(km/h)
Power output	212kw/2200rpm	Drawbar pulling force	180.4kN
Max. torque	1080N.m/1500rpm	Gradeability	70%(35°)
		Track shoe thickness	14mm
 Hydraulic System		 Cab & Electrical System	

Pump	KPM, Japan		Cab	Cab installed with silicon oil rubber, adjustable luxurious seat, cold and warm air-conditioning system plus flexible pilot control system		
Type	axial piston pump					
Max. discharge flow	2x300(L/min)					
Max. discharge pressure						
Boom, arm and bucket	31.4/34.3 MPa		Voltage	24V		
Travel circuit	34.3 MPa		Batteries	2X24V		
Swing circuit	27.5 MPa		Battery capacity	240Ah		
Control circuit	3.9 MPa		Boom, Arm & Bucket			
Pilot control pump	Gear type		Boom cylinder	Φ140xΦ100xS1480-L2045		
Main control valves	KYB, Japan		Arm cylinder	Φ160xΦ110xS1825-L2430		
Oil cooler	Air cooled type		Bucket cylinder	Φ140xΦ100xS1285- L1870		
 Swing System			 Refilling Capacity & lubrication			
Swing motor	KPM, Japan		Fuel tank	485 L		
Swing motor type	Axial-piston motor		Cooling system	36 L		
Hydraulic oil released	Hydraulic oil released		Engine oil	35 L		
Hydraulic disc brake	Hydraulic disc brake		Hydraulic oil tank	266 L Tank Oil Level		
Swing speed	10 r/min			340 L Hydraulic System		
 Bucket						
Type			Backhoe bucket			
Bucket capacity			1.6m ³ (SAE)			
Bucket capacity scope			1.4-1.6 m ³			
Number of bucket teeth			6			
Bucket width			1616 mm			
Working Ranges						
Boom length			6470mm			
A	Max. digging radius		11125mm			
B	Max. digging depth		7290mm			
C	Max. digging height		10090mm			
D	Max. dumping height		7395mm			
E	Min swing radius		4348mm			
F	Max. vertical wall digging depth		11100mm			
G	Max. digging reach at ground level		10835mm			
Digging Force (ISO6015)						
Arm length			3186mm			
A	Bucket digging force		191KN			
B	Arm digging force		175KN			
Overall Dimensions						
A	Track grounding length		4050mm	I	Track shoe width	600mm
B	Track length		4940mm	J	Overall width	3190mm



C	Counter weight ground clearance	1220mm	K	Overall length	11295mm
D	Tail swing radius	3565mm	L	Overall height(to top of boom)	3230mm
E	Overall height(to top of cab)	3125mm	M	Track height	983mm
F	Revolving frame width	2995mm	O	Ground contact length(transport)	5935mm
G	Min Ground clearance	500mm	P	Track width	3190mm
H	Track gauge	2590mm	Q	Distance from swing center to tail	3565mm



Operating Weight and Ground Pressure

Operating weight includes basic machine;

Operating weight	35500 Kg
Ground pressure	65.3 KPa