

DGM Machinery Co.



DGM ET60

- Agriculture, construction, material handling
civil engineering works and road construction
- Operating weight: 5820kg
- Power: 36kW



Power, Performance
and Reliability

DGM ET60

Crawler Excavator

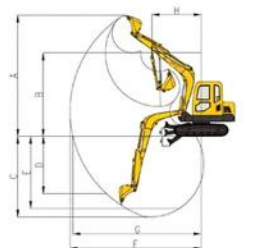
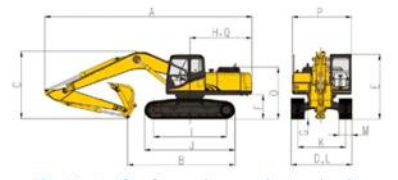


Optional attachments



Engine		Travel System	
Model	Yanmar 4TNV94L	Travel motors	KYB, Japan;
Type	Direct injection, 4 stroke, water cooled, natural intake	Support roller quantities	2x5
No. of cylinder	4	Carrier roller quantities	2x1
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	193.2~210.6Nm/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	Φ110xΦ65x5720-L1095
Main control valves	KYB, Japan	Arm cylinder	Φ85xΦ55x5880-L1280
Oil cooler	Air cooled type	Bucket cylinder	Φ80xΦ50x5600-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		Overall Dimensions	
Boom length	3050mm	A Overall length	5943mm
A Max. digging height	5889mm	B Ground contact length	3375mm
B Max. dumping height	4201mm	C Overall height(to top of boom)	1995mm
C Max. digging depth	3812mm	D Overall width	2000mm
D Max. vertical digging depth	3008mm	E Overall height(to top of cab)	2619mm
F Max. digging distance	6257mm	F Counter weight ground clearance	740mm
G Max. digging reach at ground level	6102mm	G Min ground clearance	360mm
H Min swing radius of work equipment	2585mm	H Tail swing radius	1745mm
Digging Force (ISO6015)		I Track grounding length	2000mm
Arm length	1580mm	J Track length	2665mm
A Bucket digging force	36.7 kN	K Track gauge	1600mm
B Arm digging force	26.1 kN	L Track width	2000mm
		M Track Shoe width	400mm
		N Counter weight height	1062mm
		O Revolving frame width	1790mm
		P 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

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