

EXCAVATOR

WE60



Specifications

Travel System

Travel motors	KYB, Japan;
Support roller quantities	2×5
Carrier roller quantities	2×1
Travel shoes	2×37
Travel speed	2.5/4.0(km/h)
Drawbar pulling force	50.4kN
Grade ability	70%(30°)
Track shoes thickness	6mm

Engine

Model	Yanmar 4TNV94L
Type	Direct injection, 4 stroke, water cooled, natural intake
No. of cylinder	4
Displacement	3.054L
Power output	36.2kw/2100rpm
Max. torque	193.2 ~ 210.6N.m/1260±100 rpm

Hydraulic System

Pump	KYB, Japan
Type	axial piston pump+ gear pump
Max. discharge flow	160 (L/min)

Specifications

Max. discharge pressure

Boom, arm and bucket	21 MPa
Travel circuit	12 MPa
Swing circuit	9 MPa
Control circuit	3.9 MPa
Pilot control pump	Gear type
Main control valves	Hydro Control
Oil cooler	Air cooled type

Cab & Electrical System

Cab	Installed with silicon oil rubber, adjustable luxurious seat, cold and warm air-conditioning system plus flexible pilot control system
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Voltage	12V
Batteries	1x12V
Battery capacity	80Ah

Boom, Arm & Bucket

Boom cylinder	Φ110×Φ65×S720-L1095
Arm cylinder	Φ85×Φ55×S880-L1280
Bucket cylinder	Φ80×Φ50×S600-L925

Swing System

Swing motor	KYB, Japan
Swing motor type	Axial-piston motor
Brake	Hydraulic oil released
Parking brake	Hydraulic disc brake
Swing speed	10 r/min

Refilling Capacity & lubrication

Fuel tank	125 L
Cooling system	15 L
Engine oil	10.5 L
Hydraulic oil tank	78 L Tank Oil Level / 100 L Hydraulic System

Bucket

Bucket capacity	0.22m³ (SAE)
Bucket Capacity scope	0.072-0.25m³
Number of bucket teeth	5
Bucket width	750 mm

Working ranges

Boom length	3050mm
Max. digging height	5889mm
Max. dumping height	4201mm
Max. digging depth	3812mm
Max. vertical digging depth	3008mm
Max. digging distance	6257mm
Max. digging radius at ground level	6102mm
Min swing radius of work equipment	2585mm

Digging Force (ISO6015)

Arm length	1580mm
Bucket digging force	36.7 KN
Arm digging force	26.1 KN

Overall Dimensions

Overall length	5943mm
Ground contact length	3375mm
Overall height(to top of boom)	1995mm
Overall width	2000mm
Overall height(to top of cab)	2619mm
Counter weight ground clearance	740mm
Min Ground clearance	360mm
Tail swing radius	1745mm
Track grounding length	2000mm
Track length	2665mm
Track gauge	1600mm
Track width	2000mm
Track Shoe width	400mm
Counter weight height	1062mm
Revolving frame width	1790mm
Distance from swing center to tail	1745mm

Operating Weight and Ground Pressure

Operating weight	5820 Kg
Ground pressure	34 KPa