



*Always be here with you!*



CE

# 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	<b>21 MPa</b>
Travel circuit	<b>12 MPa</b>
Swing circuit	<b>9 MPa</b>
Control circuit	<b>3.9 MPa</b>
Pilot control pump	<b>Gear type</b>
Main control valves	<b>Hydro Control</b>
Oil cooler	<b>Air cooled type</b>

## 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	<b>12V</b>
Batteries	<b>1x12V</b>
Battery capacity	<b>80Ah</b>

## Boom, Arm & Bucket

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

## Swing System

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

## Refilling Capacity & Lubrication

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

## Bucket

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

## Working ranges

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

## Digging Force (ISO6015)

Arm length	<b>1580mm</b>
Bucket digging force	<b>36.7 KN</b>
Arm digging force	<b>26.1 KN</b>

## Overall Dimensions

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

## Operating Weight and Ground Pressure

Operating weight	<b>5820 Kg</b>
Ground pressure	<b>34 KPa</b>



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