



**WOLF**



CE

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# EXCAVATOR

## WE80



### Specifications

#### Travel System

Travel motors	Eaton
Support roller quantities	2×6
Carrier roller quantities	2×1
Travel shoes	2×39
Travel speed	3.6/5.3(km/h)
Drawbar pulling force	63.5kN
Grade ability	70%(35°)
Track shoes thickness	8.5mm

#### Engine

Model	Yanmar 4TNV98T
Type	turbocharged; 4 stroke, direct injection, water cooled
No. of cylinder	4
Displacement	3.319L;
Power output	54.3kw/2200rpm
Max. torque	277 ~ 301N.m/1650±100 rpm

#### Hydraulic System

Pump	KPM
Type	variable double-piston pump
Max. discharge flow	2X79.2(L/min)

# Specifications

## Max. discharge pressure

Boom, arm and bucket **27.5 MPa**

Travel circuit **23.5 MPa**

Swing circuit **23.5 MPa**

Control circuit **3.9 MPa**

Pilot control pump **Gear type**

Main control valves **KYB, Japan**

Oil cooler **Air cooled type**

## Cab & Electrical System

Cab Cab installed with silicon oil rubber, adjustable luxurious seat, cold and warm air-conditioning system plus flexible pilot control system

Voltage **12V**

Batteries **1X12V**

Battery capacity **120Ah**

## Boom, Arm & Bucket

Boom cylinder **Φ110×Φ75×S1000-L1480**

Arm cylinder **Φ100×Φ65×S870-L1335**

Bucket cylinder **Φ55×Φ90×S710-L1115**

## Swing System

Swing motor **KYB**

Swing motor type **Axial-piston motor**

Brake **Hydraulic oil released**

Parking brake **Hydraulic disc brake**

Swing speed **11 r/min**

## Refilling Capacity & lubrication

Fuel tank **135 L**

Cooling system **18 L**

Engine oil **10.5 L**

Hydraulic oil tank **92 L Tank Oil Level / 128 L Hydraulic System**

## Bucket

Bucket capacity **0.34m<sup>3</sup> (SAE)**

Bucket Capacity scope **0.105-0.51m<sup>3</sup>**

Number of bucket teeth **5**

Bucket width **824 mm**

## Working ranges

Boom length **3905mm**

Max. digging height **7280mm**

Max. dumping height **4970mm**

Max. digging depth **4265mm**

Max. vertical digging depth **3200mm**

Max. digging distance **6800mm**

Max. digging reach at ground level **6665mm**

Min swing radius of work equipment **2160mm**

## Digging Force (ISO6015)

Arm length **1750mm**

Bucket digging force **60.8 KN**

Arm digging force **47.1 KN**

## Overall Dimensions

Overall length **6470mm**

Ground contact length **3400mm**

Overall height(to top of boom) **2545mm**

Overall width **2250mm**

Overall height(to top of cab) **2600mm**

Counter weight ground clearance **820mm**

Min Ground clearance **403mm**

Tail swing radius **1870mm**

Track grounding length **2200mm**

Track length **2785mm**

Track gauge **1800mm**

Track width **2250mm**

Track Shoe width **450mm**

Counter weight height **1785mm**

Revolving frame width **2195mm**

Distance from swing center to tail **1870mm**

## Operating Weight and Ground Pressure

Operating weight **8080 Kg**

Ground pressure **39 KPa**



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