



Always be here with you!



CE

EXCAVATOR

WE20



Specifications

Travel System

Travel motors	Eaton
Support roller quantities	2×3
Carrier roller quantities	2×1
Travel shoes	No
Travel speed	2.2/4.2(km/h)
Drawbar pulling force	11.7kN
Grade ability	58%(30°)
Track shoes thickness	5mm

Engine

Model	Yanmar 3TNV76
Type	Direct injection, water cooled, natural intake
No. of cylinder	3
Bore and stroke	70x74(mm)
Displacement	0.854L
Power output	15kw/2400rpm
Max. torque	50N.m/2000rpm

Hydraulic System

Pump	CASAPPA
Type	Axial-piston pump+gear pump
Max. discharge flow	54 (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	All-weather, sound-suppressed Cab and equipped with a heavy, insulated Floor Mat, Front Window can be opened and slided; adjustable Seat
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Voltage	12V
Batteries	1X12V
Battery capacity	60Ah

Boom, Arm & Bucket

Boom cylinder	Φ60xΦ35xS440-L770
Arm cylinder	Φ60xΦ35xS330-L600
Bucket cylinder	Φ55xΦ30xS300-L560

Swing System

Swing motor	Eaton
Swing motor type	Axial-piston motor
Brake	No
Swing speed	8.8 r/min

Refilling Capacity & Lubrication

Fuel tank	82 L
Cooling system	12 L
Engine oil	6L
Hydraulic oil tank	59L Tank Oil Level / 85L Hydraulic System

Bucket

Fuel tank	32L
Cooling system	8L
Engine oil	4.4L
Hydraulic oil tank	18L Tank Oil Level 21L Hydraulic System

Bucket

Bucket capacity	0.04m³ (SAE)
Bucket Capacity scope	0.028-0.095m³
Number of bucket teeth	4
Bucket width	450 mm

Working ranges

Boom length	1830mm
Max. digging height	3327mm
Max. dumping height	2361mm
Max. digging depth	2110mm
Max. vertical digging depth	1600mm
Max. digging distance	3947mm
Max. digging radius at ground level	3889mm

Digging Force (ISO6015)

Arm length	950mm
Bucket digging force	14.8 KN
Arm digging force	10.2 KN

Overall Dimensions

Overall length	3867mm
Overall width	1000mm
Overall height(to top of boom)	1185mm
Overall height(to top of cab)	2313mm
Counter weight ground clearance	484mm
Min. Ground clearance	175mm
Tail swing radius	1072mm
Track grounding length	1210mm
Track length	1588mm
Track gauge(extension 1090mm)	760mm
Track Shoe width	230mm
Revolving frame width	1000mm

Operating Weight and Ground Pressure

Operating weight includes basic machine	
Operating weight	1800kg(with canopy) / 1900 Kg (with cab)
Ground pressure	28 KPa



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