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WOLF **EXCAVATOR**



EXCAVATOR USAGE SCENARIOS



COMMITTED TO EFFICIENCY

Designed to last, WOLF Excavators are manufactured with high international standards that are built to withstand harsh working conditions. Years of experience in components integration has given us the capability to architect our range of WOLF Excavators to comply with different operation requirements.

Upon careful selection of premium parts and components from all over the world, this powerful workhorse is engineered to maximize the capacity of every mechanism for optimal performance with high efficiency.



EXCAVATOR

WE08



Specifications

Operating Weight	880kg
Digging bucket capacity	0.025cbm
Digging bucket width	400mm
Engine	KD192F-1 E5
Rated power	7kw
Displacement	6.8ml/r
Bore stroke	single cylinder, fan cool
Main pump	JINXING
Pump flow	16L/min
Hydraulic oil tank capacity	16.5L
Engine oil tank capacity	2.8(1.3)L
Diesel tank capacity	7 L
Working pressure	16Mpa
Valve	BEIFANG
Swing motor	KEERSEN
Traveling motor	USA EATON
Hydraulic oil tank	16.5L
Diesel oil tank	7L
Arm digging force	5.0Kn
Bucket digging force	9.5Kn
Electric pressure	12V
Electrick power	5W

MAIN DIMENSIONS	
Overall dimension(LxWxH)	2770×896×1490 mm
Wheelbase	910 mm
Total length of track on land	1230mm
Platform ground clearance	380 mm
Platform back turning radius	784 mm
Chassis width	896 mm
Track width	180 mm
Chassis ground clearance	132 mm
Track height	320 mm
OPERATING RANGE	
Max. Digging depth	1650 mm
Max. Vertical digging depth	1375 mm
Max. Digging height	2610 mm
Max. Dumping height	1850 mm
Max. Digging radius on ground	2850 mm
Min. Rotation radius	1330 mm
Max. Upgrade height of bulldozer blade	345 mm
Max. Digging depth of bulldozer blade	255 mm



EXCAVATOR

WE10C



Specifications

Model	WE10C
Operating weight (T)	0.89
Bucket capacity (M3)	0.022
Engine model	KOOP KD192F-1
Rated power (kw/r/min)	7.0/3000
Hydraulic pump model	C108-51A-01000A0
Max.flow (L/min)	18
Working pressure (Mpa)	16
Control valve model	C110-52A-01000A0
Swing motor model	C110-57A-01000A0
Travel motor model	C108-56A-01000A0
Fuel tank capacity (L)	7
Hydraulic oil tank capacity (L)	9.4
Travel speed (km/h)	1.9
Swing speed (r/min)	11.5
Max. climbing degree (%)	58
Arm digging force	5.2
Bucket digging force (KN)	7.2
Average grounding pressure (Kpa)	28
A-Overall length (mm)	2976
B-Overall width (mm)	840/880
C-Overall height (to top of boom)(mm)	1110
D-Overall height (to top of cab)(mm)	2225
E-Counterweight ground clearance(mm)	370
F-Min. ground clearance (mm)	132
G-Tail swing radius (mm)	815
H-Track Ground length (mm)	900
J-Track length (mm)	1233
K-Track gauge (mm)	660
L-Track width (mm)	840
M-Track shoe width (mm)	180
N-Turntable width (mm)	760
O-Max. digging height (mm)	2585
P-Max. dumping height (mm)	1715
Q-Max. digging depth (mm)	1520

R-Max. vertical wall digging depth (mm)	-
T-Max. digging reach (mm)	3210
U-Max. digging reach at ground level (mm)	3125
V-Min. swing radius (mm)	1595
X-Distance between center of rotation and tail length (mm)	815
Y-Track shoe thickness (mm)	-
Z-Height of counterweight (mm)	416
A1-Ground length (in transportation)(mm)	1755
Arm length (mm)	800
Boom length (mm)	1480
Boom deflection angle left/right(°)	50°/70°
Max.pushing height/depth(mm)	146/261



EXCAVATOR

WE12C



Specifications

Engine Model	Yanmar 3TNV70 Euro5 10.3kW/2200rpm
Type	Direct injection, water cooled, natural intake
No. of cylinder	3
Fuel tank capacity	15L
Hydraulic oil tank capacity	13L
Travel speed	1.5/3.2Km/h
Swing speed	11.5r/min
Max. Climbing degree	58%
Arm digging force	6KN
Bucket digging force	10KN
Overall length	3053mm
Overall width	850/1050mm
Overall height(to top of boom)	1035mm
Overall height(to top of cab)	2458mm
Counterweight ground clearance	404mm
Min ground clearance	120mm
Tail swing radius	550mm
Track ground length	1080mm
Track length	1296mm
Track width	850mm
Track gauge	670/870mm
Track shoe width	180mm



Max. Digging height	3018mm
Max. Dumping height	2039mm
Max. Digging depth	1809mm
Max. Vertical wall digging depth	2233mm
Max. Digging reach	3439mm
Max. Digging reach at ground level	3390mm
Machine weight	1200kg

Advantages

Adopt engine which meet Euro V or EPA 4 emission standard with strong power, stable performance, smooth movement and small vibration.



EXCAVATOR

WE15



Specifications

Engine	
Model	Kubota D722 E5/EPA 10.4KW/2500rpm
Max. Turque	45N.m/2500RPM
Type	In-line, water cooled, 4 stroke, Mechanical pump, normally aspirated
Displacement	0.719
No. of cylinder	3

Main Performance	
Swing Speed (r/min)	12-13
Traveling Speed(high/low) (km/H)	2.1/3.2km/h
Grade ability (°)	58%
Max. Bucket Digging Force (kN)	9
Arm Digging Force (kN)	5.5
Ground Pressure (Kpa)	23
Hydraulic system pressure (Mpa)	20
Machine Weight (KG)	1400
Fuel Tank capacity (L)	14.5
Hydraulic Tank capacity (L)	14.5
Engine oil capacity (L)	3.2

Overall Dimensions	
Overall Length (mm)	3329
Overall Width (mm)	990
Overall Height (mm)	2267
Mini Ground clearance	153
Track width (mm)	200
Axle base (Track length on ground) (mm)	1190
Track Gauge (mm)	790(1100)
Swing radius at tail (mm)	655
Swing radius at front (mm)	1812
Height of blade (mm)	210
Max.Dozer blade cutting (mm)	229
Max.Dozer blade lifting (mm)	236

Operation parameters	
Bucket Capacity (m³)	0.025
Max. Digging Radius (mm)	3529
Max. Digging Depth (mm)	2017
Max. Digging Height (mm)	2955
Max. Dumping Height (mm)	2077
Max. vertical digging depth (mm)	1610



EXCAVATOR

WE16



Specifications

Operating Weight	1600kg
Digging bucket capacity	0.045cbm/400kg
Digging bucket width	400mm, can add narrow bucket is 200mm
Engine	Yanmar 3TNV70
Rated power	10kw/2200/r/min
Displacement	0.854L
Bore stroke	three cylinder, water cool
Main pump	PERMCO
Valve	PERMCO
Displacement	6.8ml/r
Swing motor	EATON
Traveling motor	KERSEN

MAIN DIMENSIONS

Overall dimension(LxWxH)	3290×1050×2400mm
Total length of track on land	1670mm
Platform ground clearance	460 mm
Platform back turning radius	740 mm
Chassis width	1050 mm
Track width	180 mm
Chassis ground clearance	460 mm
Track height	410 mm

OPERATING RANGE

Max. Digging depth	2150 mm
Max. Vertical digging depth	1740 mm
Max. Digging height	2275 mm
Max. Dumping height	2310 mm
Max. Digging radius on ground	3470 mm
Min. Rotation radius	1440 mm
Max. Upgrade height of bulldozer blade	285 mm
Max. Digging depth of bulldozer blade	195 mm



EXCAVATOR

WE16C



Specifications

Engine Model	Yanmar 3TNV70 10.3kW/2200rpm
Type	Direct injection, water cooled, natural intake
No. of cylinder	3
Fuel tank capacity	32L
Hydraulic oil tank capacity	27L
Travel speed	2.58/3.95Km/h
Swing speed	10r/min
Max. Climbing degree	58%
Arm digging force	11.6KN
Bucket digging force	15.5KN
Overall length	3707mm
Overall width	1000mm
Overall height(to top of boom)	1170mm
Overall height(to top of cab)	2424mm
Counterweight ground clearance	484mm
Min ground clearance	175mm
Tail swing radius	665mm
Track ground length	1210mm
Track length	1588mm
Track width	990/1320mm
Track gauge	760/1090mm
Track shoe width	230mm



Max. Digging height	3327mm
Max. Dumping height	2323mm
Max. Digging depth	2110mm
Max. Vertical wall digging depth	1600mm
Max. Digging reach	3947mm
Max. Digging reach at ground level	3889mm
Machine weight	1600kg

Advantages

Equipped with Yanmar engine, meeting EuroV and EPA 4 emission standard. Air filter is equipped with a differential pressure indicator, which has the function of automatic blocking alarm.



EXCAVATOR

WE18



Specifications

Engine	
Model	Laidong KM385B 18.1kW/2200rpm KUBOTA D1105 14.2kw/2200rpm
Type	Direct injection, water cooled, natural intake
No. of cylinder	3
Main Performance	
Swing Speed (r/min)	10-12
Traveling Speed (km/H)	2.8
Grade ability (%)	70(35°)
Traveling Tracking Force (kN)	15
Bucket Digging Force (kN)	11.5
Arm Digging Force (kN)	9.3
Hydraulic System	
Hydraulic system working pressure (Mpa)	16
Hydraulic Pump (Gear Pump)	TJHD
Hydraulic pump flow (L/min)	2×22+8.8
Swing Motor	Eaton
Traveling Motor	Eaton
Fuel Tank Capacity (L)	26
Hydraulic Tank Capacity (L)	27
Overall Dimensions	
Overall Length (mm)	3800
Overall Width (mm)	1050
Overall Height (mm)	2280
Ground clearance (mm)	485
Track length (mm)	1630
Track width (mm)	230
Undercarriage width (mm)	1050
Undercarriage ground clearance (mm)	235
Dozer Blade (mm)	1050×240

Operation parameters	
Operation Weight (KG)	1800
Bucket Capacity (m3)	0.1
Max. Digging Radius (mm)	3860
Max. Digging Depth (mm)	2050
Max. Digging Height (mm)	3370
Max. Dumping Height (mm)	2390
Max. Dozer Cutting (mm)	270
Max. Dozer Lifting (mm)	235
Boom Deflexion (Left/Right) (°)	75/45
Tail Swing Radius (mm)	1125
Front Min. Swing Radius (mm)	1720



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
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

EXCAVATOR

WE25



Specifications

Engine	
Model	Laidong 3TE30 22.1kW/2200rpm
Type	Electronic injection, water cooled, natural intake
No. of cylinder	3
Main Performance	
Swing Speed (r/min)	12-14
Traveling Speed (km/H)	2.8
Grade ability (%)	70(35°)
Traveling Tracking Force (kN)	15
Bucket Digging Force (kN)	11.5
Arm Digging Force (kN)	9.3
Hydraulic System	
Hydraulic system working pressure (Mpa)	16
Hydraulic Pump (Gear Pump)	AHWY
Hydraulic pump flow (L/min)	2×12+5
Swing Motor	Eaton
Traveling Motor	Eaton
Fuel Tank Capacity (L)	26
Hydraulic Tank Capacity (L)	27
Overall Dimensions	
Overall Length (mm)	4080
Overall Width (mm)	1300
Overall Height (mm)	2280
Ground clearance (mm)	490
Track length (mm)	1630
Track width (mm)	250
Undercarriage width (mm)	1270
Undercarriage ground clearance (mm)	235
Dozer Blade (mm)	1270×240

Operation parameters	
Operation Weight (KG)	2500
Bucket Capacity (m³)	0.1
Max. Digging Radius (mm)	4370
Max. Digging Depth (mm)	2450
Max. Digging Height (mm)	2290
Max. Dumping Height (mm)	3700
Max. Dozer Cutting (mm)	310
Max. Dozer Lifting (mm)	240
Boom Deflexion (Left/Right) (°)	70/50
Tail Swing Radius (mm)	1180
Front Min. Swing Radius (mm)	2020



EXCAVATOR

WE26



Specifications

Engine	
Model	YANMAR 3TNV80F 15.2kw
RPM	2500 r/min
Type	Indirect injection (IDI). Aspiration, Natural aspiration.
Displacement	1.267 L
No. of cylinder	3

Main Performance	
Swing Speed (r/min)	10.5
Traveling Speed(high/low) (km/H)	2.0/3.8km/h
Grade ability (°)	58%
Max. Bucket Digging Force (kN)	24.5
Arm Digging Force (kN)	14.8
Ground Pressure (Kpa)	31
Hydraulic system pressure (Mpa)	22
Machine Weight (KG)	2650/2700
Fuel Tank capacity (L)	35
Hydraulic Tank capacity (L)	42
Max.flow (L/min)	67.2

Overall Dimensions	
Overall Length (mm)	4159
Overall Width (mm)	1500
Overall Height (mm)	2500
Mini Ground clearance	320
Track width(mm)	1550
Axle base(Track length on ground)(mm)	2040
Track Gauge(mm)	1250
Swing radius at tail(mm)	775
Swing radius at front(mm)	2096
Counterweight ground clearance(mm)	535
Turntable width (mm)	1550
Track shoe width (mm)	250

Operation parameters	
Bucket Capacity(m³)	0.08
Max. Digging Radius(mm)	4610
Max. Digging Depth(mm)	2485
Max. Digging Height(mm)	4132
Max. Dumping Height(mm)	2742
Max. vertical digging depth(mm)	2240



EXCAVATOR

WE35

Specifications

Engine	
Model	Kubota D1703 18.5KW/2200rpm
Max. Torque	97.4N.m/1500RPM
Type	In-line, water cooled, Mechanical pump, normally aspirated
Displacement	1.647L
No. of cylinder	3
Main Performance	
Swing Speed (r/min)	0-11
Traveling Speed(high/low) (km/H)	4.4/2.4km/h
Grade ability (°)	58%
Max. Bucket Digging Force (kN)	30.4
Arm Digging Force (kN)	18.2
Ground Pressure (Kpa)	32
Hydraulic system pressure (Mpa)	22.5
Machine Weight (KG)	3810
Boom Length (mm)	2535
Arm Length (mm)	1400
Fuel Tank capacity (L)	42
Hydraulic Tank capacity (L)	48.5
Engine oil capacity (L)	7
Carrier roller(each side)	1
Supporting roller(each side)	4
Overall Dimensions	
Overall Length (mm)	4915
Overall Width (mm)	1720
Overall Height (mm)	2525
Mini Ground clearance	295
Track width (mm)	300
Axle base (Track length on ground) (mm)	1670
Length of track (mm)	2154
Track Gauge (mm)	1420
Swing radius at tail (mm)	860
Swing radius at front (mm)	2538
Height of blade (mm)	350

Operation parameters	
Bucket Capacity (m³)	0.12
Max. Digging Radius (mm)	5480
Max. Digging Depth (mm)	3208
Max. Digging Height (mm)	4800
Max. Dumping Height (mm)	3406
Max. vertical digging depth (mm)	3208



EXCAVATOR

WE37



Specifications

Engine	
Engine model	YANMAR 3TNV88F
Rated power (kw/r/min)	18.2KW/2200rpm
Hydraulic pump model	AMCA
Max.flow (L/min)	88
Control valve model	AMCA
Swing motor model	LKC
Travel motor model	LKC
Main Performance	
Swing speed (r/min)	9.5
Travel speed (km/h)	2.2/4.2
Max. climbing degree (%)	58
Bucket digging force (KN)	30.4
Arm digging force	18.2
Average grounding pressure (Kpa)	32.0
Working pressure (Mpa)	24.5
Operating weight (T)	3.75
Boom length (mm)	2540
Arm length (mm)	1400 / 1650
Fuel tank capacity (L)	50
Hydraulic oil tank capacity (L)	40
Operation parameters	
Bucket capacity (m³)	0.12
Max. digging height (mm)	4855
Max. dumping height (mm)	3460
Max. digging depth (mm)	3105
Max. vertical wall digging depth (mm)	2700
Max. digging reach (mm)	5465
Max. digging reach at ground level (mm)	5350
Boom deflection angle left/right(°)	63/57

Overall Dimensions	
Overall length (mm)	4920
Overall width (mm)	1720
Overall height (to top of boom)(mm)	1800
Overall height (to top of cab)(mm)	2550 / 2520
Counterweight ground clearance(mm)	580
Min. ground clearance (mm)	295
Tail swing radius (mm)	860
Track Ground length (mm)	1710
Track length (mm)	2160
Track gauge (mm)	1420
Track width (mm)	1710
Track shoe width (mm)	300
Turntable width (mm)	1550
Min. swing radius (mm)	2475
Distance between center of rotation and tail length (mm)	860
Track shoe thickness (mm)	/
Height of counterweight (mm)	/
Ground length (in transportation)(mm)	4920
Max.pushing height/depth(mm)	375/370



EXCAVATOR

WE45



Specifications

Travel System	
Travel motors	KYB, Japan;
Support roller quantities	2×5
Carrier roller quantities	2×1
Travel shoes	2×35
Travel speed	2.7/4.4(km/h)
Drawbar pulling force	35kN
Grade ability	58%(30°)
Track shoes thickness	6mm

Engine	
Model	YANMAR 4TNV88
Type	Direct injection, water cooled, natural intake
No. of cylinder	4
Displacement	2.19L
Power output	25.2kw/2200rpm
Max. torque	142N.m/1200rpm
Hydraulic System	
Pump	KYB, Japan
Type	axial piston pump+ gear pump
Max. discharge flow	128 (L/min)

Specifications

Max. discharge pressure	
Boom, arm and bucket	24.5 MPa
Travel circuit	15.7 MPa
Swing circuit	15.7 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	All-weather, sound-suppressed Cab and equipped with a heavy, insulated Floor Mat, Front Window can be opened and slid; adjustable Seat; LED display, Automatic monitoring, display
Voltage	12V
Batteries	1x12V
Battery capacity	80Ah
Boom, Arm & Bucket	
Boom cylinder	Φ90×Φ50×S552-L915
Arm cylinder	Φ85×Φ50×S580-L920
Bucket cylinder	Φ70×Φ45×S443-L745
Swing System	
Swing motor	KYB, Japan
Swing motor type	Axial-piston motor
Brake	Hydraulic oil released
Parking brake	Hydraulic disc brake
Swing speed	12 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	
Bucket capacity	0.17m3 (SAE)
Bucket Capacity scope	0.069-0.24m3
Number of bucket teeth	4
Bucket width	640 mm

Working ranges	
Boom length	2650mm
Max. digging height	5030mm
Max. dumping height	3390mm
Max. digging depth	3390mm
Max. vertical digging depth	2545mm
Max. digging distance	5523mm
Max. digging radius at ground level	5413mm
Min swing radius of work equipment	2406mm
Digging Force (ISO6015)	
Arm length	1450mm
Bucket digging force	23.7 KN
Arm digging force	21.6 KN
Overall Dimensions	
Overall length	5385mm
Ground contact length	3512mm
Overall height(to top of boom)	1783mm
Overall width	1750mm
Overall height(to top of cab)	2455mm
Counter weight ground clearance	600mm
Min Ground clearance	350mm
Tail swing radius	1561mm
Track grounding length	1710mm
Track length	2190mm
Track gauge	1400mm
Track width	1750mm
Track Shoe width	350mm
Counter weight height	850mm
Revolving frame width	1600mm
Distance from swing center to tail	1561mm
Operating Weight and Ground Pressure	
Operating weight	4200 Kg
Ground pressure	36 KPa

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
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

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	0.34m3 (SAE)
Bucket Capacity scope	0.105-0.51m3
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