

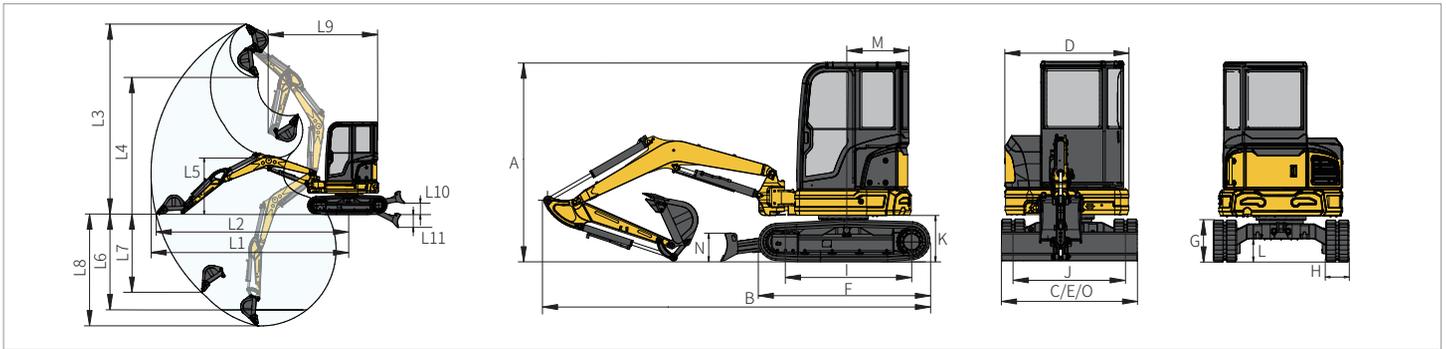
# XE40E

## Crawler Excavator



- Operating weight ( kg ): 4200
- Bucket capacity ( m<sup>3</sup> ): 0.12
- Rated power ( kW ): 18.2

- Widely used in hydropower, transportation, municipal engineering, landscaping and farmland renovation constructions.
- The low-speed and high torque engine, combined with a large displacement electronic control main pump, provides low fuel consumption, high efficiency and reliability.
- With good flexibility, it can work in narrow spaces and parallel to the wall, and meet various extreme working conditions of urban excavation construction.
- The cab can be flipped forward and combined with the open hood, it is convenient for maintenance. The integrated design reduces the noise in the cab and provides good comfort.



## Technical Specifications

Item contents	Unit	Parameters
Operating weight	kg	4200
<b>Engine</b>		
Engine brand/model	-	Yanmar/3TNV88F
Rated power/rpm	kW/rpm	18.2/2200
Direct injection	-	√
4-stroke	-	√
Water-cooled	-	√
Air-to-Air intercooling	-	√
Stroke	mm	90
Cylinder bore	mm	88
Number of cylinders	-	3
Maximum torque/rpm	N-m/rpm	85.3-94.2/1320
Displacement	L	1.642
<b>Main performance</b>		
Travel speed (high/low)	km/h	3.6/2.2
Swing speed	r/min	9
Maximum swing torque	kN-m	18
Gradeability	-	30° (58%)
Ground specific pressure	kPa	36.6
Bucket digging force (ISO)	kN	28.6
Arm digging force (ISO)	kN	20.3
Maximum traction force	kN	31.6
<b>Hydraulic system</b>		
Main pump	-	1 x plunger pump
Maximum flow rate of main system	L/min	99
Main system pressure	MPa	24.5
Pilot system pressure	MPa	3.5
Travel system pressure	MPa	23
Swing system pressure	MPa	20
<b>Cab standard</b>		
ISO 10262 : 1998 (OPG)	-	√
ISO 12117 : 1997 (TOPS)	-	√
ISO 3471 : 2008 (ROPS)	-	√
<b>Oil capacity</b>		
Fuel tank capacity	L	40
Hydraulic oil tank capacity	L	45

Item contents	Unit	Parameters
<b>Dimensions</b>		
A Overall height	mm	2700
B Overall length	mm	4970
C Overall width	mm	1740
D Upper structure width	mm	1586
E Chassis width	mm	1740
F Track length	mm	2200
G Track height	mm	537
H Standard track shoe width	mm	300
I Track wheelbase	mm	1721
J Track gauge	mm	1440
K Counterweight ground clearance	mm	587
L Minimum ground clearance	mm	297
M Tail Swing Radius	mm	870
N Dozer blade height	mm	367
O Dozer blade width	mm	1740
<b>Working range</b>		
L1 Maximum digging reach	mm	5300
L2 Maximum digging reach at GRP	mm	5200
L3 Maximum digging height	mm	5000
L4 Maximum unloading height	mm	3600
L5 Minimum unloading height	mm	1560
L6 8 ft. level floor digging depth	mm	2589
L7 Maximum vertical digging depth	mm	2260
L8 Maximum digging depth	mm	3060
L9 Minimum swing radius	mm	2170
L10 Maximum lifting height of dozer blade	mm	305
L11 Max. cutting depth of dozer blade	mm	360
Boom deflection angle (left)	-	75°
Boom deflection angle (right)	-	50°
<b>Track</b>		
Standard track shoe width	mm	300
Number of track shoes (per side)	-	46
Number of track roller (per side)	-	4
Number of track carrier roller (per side)	-	1
<b>Standard</b>		
Length of boom	mm	2560
Length of arm	mm	1350
Bucket capacity	m <sup>3</sup>	0.12 (Earthmoving bucket)
<b>Optional</b>		
Length of boom	mm	-
Length of arm	mm	-
Bucket capacity	m <sup>3</sup>	0.04 (Earthmoving bucket) 0.06 (Earthmoving bucket)

