

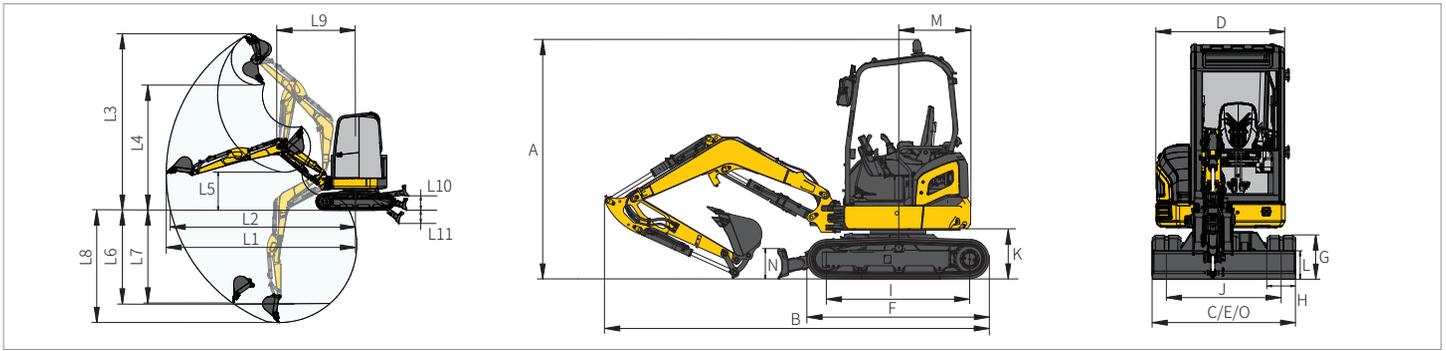
# XE27E

## Crawler Excavator



- Operating weight ( kg ): 2680
- Bucket capacity ( m<sup>3</sup> ): 0.06
- Rated power ( kW ): 15.4

- Widely used in interior decoration, roads, ditches, gardens, farmland reconstruction and other engineering projects.
- The strong power ensures higher working efficiency, larger machine flow, more powerful travel and stronger lifting capacity.
- 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 four-point support cab has better impact resistance and is safer for working in narrow spaces.



## Technical Specifications

Item contents	Unit	Parameters
Operating weight	kg	2680
<b>Engine</b>		
Engine brand/model	-	Kubota/D1105
Rated power/rpm	kW/rpm	15.4/2400
4-stroke	-	√
Water-cooled	-	√
Stroke	mm	78.4
Cylinder bore	mm	78
Number of cylinders	-	3
Maximum torque/rpm	N-m/rpm	70.3/1600
Displacement	L	1.123
<b>Main performance</b>		
Travel speed (high/low)	km/h	3.6/2.4
Swing speed	r/min	10
Maximum swing torque	kN-m	3.9
Gradeability	-	30° (58%)
Ground specific pressure	kPa	25.5
Bucket digging force (ISO)	kN	23
Arm digging force (ISO)	kN	14
Maximum traction force	kN	29.7
<b>Hydraulic system</b>		
Main pump	-	1 x variable pump
Main system pressure	Mpa	24.3
Pilot system pressure	Mpa	3.5
Travel system pressure	Mpa	24.3
Swing system pressure	Mpa	16.2
<b>Cab standard</b>		
ISO 10262 : 1998 (OPG)	-	√
ISO 12117: 1997 (TOPS)	-	√
ISO 3471 : 2008 (ROPS)	-	√
<b>Oil capacity</b>		
Fuel tank capacity	L	33
Hydraulic oil tank capacity	L	22

Item contents	Unit	Parameters
<b>Dimensions</b>		
A Overall height	mm	2580
B Overall length	mm	4190
C Overall width	mm	1500
D Upper structure width	mm	1350
E Chassis width	mm	1500
F Track length	mm	1980
G Track height	mm	452.5
H Standard track shoe width	mm	300
I Track wheelbase	mm	1560
J Track gauge	mm	1200
K Counterweight ground clearance	mm	530
L Minimum ground clearance	mm	290
M Tail Swing Radius	mm	790
N Dozer blade height	mm	300
O Dozer blade width	mm	1500
<b>Working range</b>		
L1 Maximum digging reach	mm	4750
L2 Maximum digging reach at GRP	mm	4640
L3 Maximum digging height	mm	4390
L4 Maximum unloading height	mm	3120
L5 Minimum unloading height	mm	955
L6 8 ft. level floor digging depth	mm	2312
L7 Maximum vertical digging depth	mm	2310
L8 Maximum digging depth	mm	2800
L9 Minimum swing radius	mm	1980
L10 Maximum lifting height of dozer blade	mm	310
L11 Max. cutting depth of dozer blade	mm	330
Boom deflection angle (left)	-	72°
Boom deflection angle (right)	-	55°
<b>Track</b>		
Standard track shoe width	mm	300
Number of track roller (per side)	-	3
Number of track carrier roller (per side)	-	1
<b>Standard</b>		
Length of boom	mm	2090
Length of arm	mm	1300
Bucket capacity	m <sup>3</sup>	0.06 <small>(Earthmoving bucket)</small>
<b>Optional</b>		
Length of boom	mm	-
Length of arm	mm	-
Bucket capacity	m <sup>3</sup>	0.13 <small>(Earthmoving bucket)</small>

