

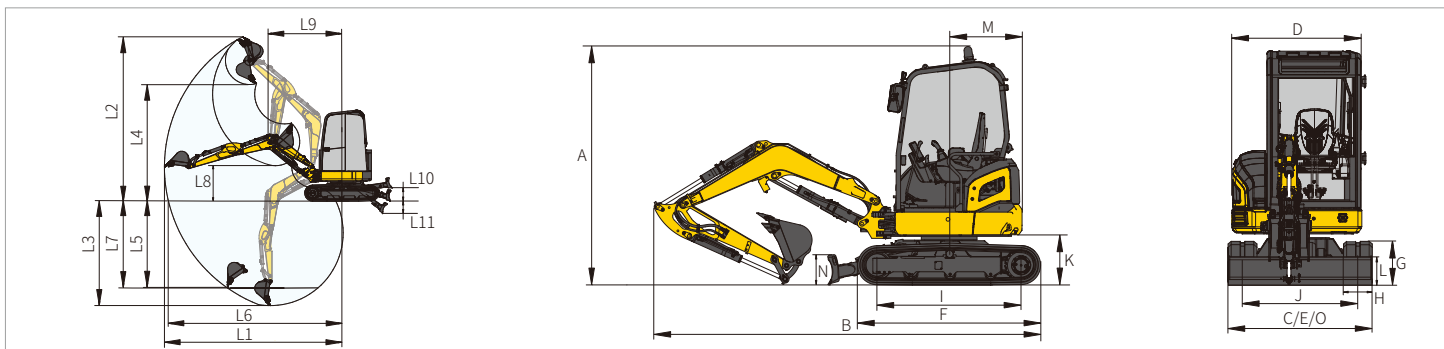
XE27E

Crawler Excavator



- Operating weight (kg): 2780
- Bucket capacity (m³): 0.06
- Rated power (kW): 18.2

- Widely used in municipal construction, landscaping, farmland water conservancy and other fields.
- 18.2kW high-power engine, fast response, strong power and high efficiency.
- Equipped with heating and cooling air conditioning system to improve driving comfort and operating experience.
- With quick change and two spare pipelines, it supports flexible use of various machines.



Technical Specifications

Item contents	Unit	Parameters
Operating weight	kg	2780
Engine		
Engine brand/model	-	Kubota D1305
Emission standard	-	EU Stage V
Rated power/rpm	kW/rpm	18.2/2400
4-stroke	-	√
Water-cooled	-	√
Stroke	mm	88
Cylinder bore	mm	78
Number of cylinders	-	3
Maximum torque/rpm	N·m/rpm	81.3/1600
Displacement	L	1.261

Main performance		
Travel speed (high/low)	km/h	3.8/2.1
Swing speed	r/min	10
Maximum swing torque	kN·m	3.9
Gradeability	-	30° (58%)
Ground specific pressure	kPa	26.4
Bucket digging force (ISO)	kN	23
Arm digging force (ISO)	kN	14
Maximum traction force	kN	35

Hydraulic system		
Main pump	-	1 × Variable pump
Maximum flow rate of main system	L/min	82.8
Main system pressure	MPa	24.3
Pilot system pressure	MPa	3.5
Travel system pressure	MPa	24.3
Swing system pressure	MPa	21

Cab standard		
ISO 10262: 1998 (OPG)	-	√
ISO 12117-2: 2008 (ROPS)	-	√
ISO 12117: 1997 (TOPS)	-	√

Oil capacity		
Fuel tank capacity	L	38
Hydraulic oil tank capacity	L	22

Track		
Standard track shoe width	mm	300
Number of track roller (per side)	-	3
Number of track carrier roller (per side)	-	1

Item contents	Unit	Parameters
Dimensions		
A Overall height	mm	2620
B Overall length	mm	4225
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	455
H Standard track shoe width	mm	300
I Track wheelbase	mm	1560
J Track gauge	mm	1200
K Counterweight ground clearance	mm	535
L Minimum ground clearance	mm	290
M Tail Swing Radius	mm	790
N Dozer blade height	mm	300
O Dozer blade width	mm	1500

Working range		
L1 Maximum reach	mm	4750
L2 Maximum digging height	mm	4390
L3 Maximum digging depth	mm	2800
L4 Maximum dumping height	mm	3120
L5 Maximum vertical digging depth	mm	2310
L6 Maximum reach at GRP	mm	4640
L7 8 ft. level floor digging depth	mm	2312
L8 Minimum dumping height	mm	955
L9 Minimum swing radius	mm	1980
L10 Maximum lifting height of dozer blade	mm	310
L11 Maximum cutting depth of dozer blade	mm	330
Boom swing angle (left)	-	72°
Boom swing angle (right)	-	55°

Standard		
Length of boom	mm	2090
Length of arm	mm	1300
Bucket capacity	m ³	0.06 (General duty bucket)

Optional		
Length of boom	mm	-
Length of arm	mm	-
Bucket capacity	m ³	0.026 (General duty bucket) 0.042/0.06 (General duty bucket)

