

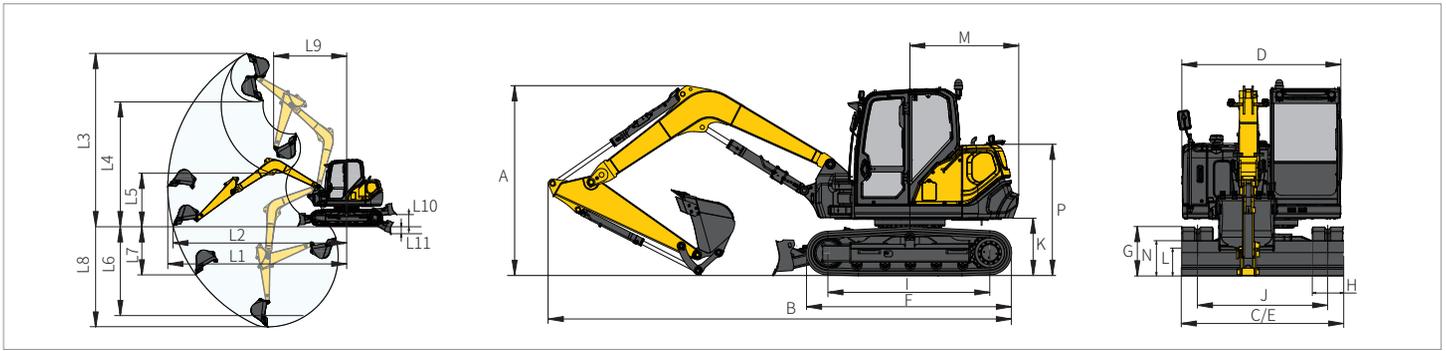
XE80E

Crawler Excavator



- Operating weight (kg): 9250
- Bucket capacity (m³): 0.35
- Rated power (kW): 54.6

- Widely used in hydropower, transportation, municipal engineering, landscaping, farmland renovation, and oil pipeline 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.
- The new cab with luxurious interior, panoramic sunroof are designed for a wider field of vision. The centralized operating buttons arrangement fully upgrades the driving experience.
- Newly upgraded hydraulic system with precise flow distribution improves smooth compound operations.



Technical Specifications

Item contents	Unit	Parameters
Operating weight	kg	9250
Engine		
Engine brand/model	-	Kubota V3307
Rated power/rpm	kW/rpm	54.6/2200
Electric injection	-	√
4-stroke	-	√
Water-cooled	-	√
Turbocharged	-	√
Air-to-Air intercooling	-	√
Stroke	mm	120
Cylinder bore	mm	94
Number of cylinders	-	4
Maximum torque/rpm	N-m/rpm	265/1500
Displacement	L	3.3
Main performance		
Travel speed (high/low)	km/h	4.9/2.7
Swing speed	r/min	12
Gradeability	-	35° (70%)
Ground specific pressure	kPa	40.9
Bucket digging force (SAE)	kN	64
Arm digging force (SAE)	kN	41
Maximum traction force	kN	64
Hydraulic system		
Main pump	-	1 x variable pump
Maximum flow rate of main system	L/min	229
Main system pressure	MPa	28.3
Pilot system pressure	MPa	3.7
Travel system pressure	MPa	28.3
Swing system pressure	MPa	23.5
Cab standard		
ISO 10262 : 1998 (OPG)	-	√
ISO 12117-2: 2008 (ROPS)	-	√
Oil capacity		
Fuel tank capacity	L	130
Hydraulic oil tank capacity	L	130

Item contents	Unit	Parameters
Dimensions		
A Overall height	mm	2795
B Overall length	mm	6585
C Overall width	mm	2300
D Upper structure width	mm	2250
E Chassis width	mm	2300
F Track length	mm	2900
G Track height	mm	698
H Standard track shoe width	mm	450
I Track wheelbase	mm	2272
J Track gauge	mm	1850
K Counterweight ground clearance	mm	818.5
L Minimum ground clearance	mm	386.5
M Tail Swing Radius	mm	1450
N Dozer blade height	mm	495
O Dozer blade width	mm	2300
P Hood height	mm	1848

Working range		
L1 Maximum digging reach	mm	7145
L2 Maximum digging reach at GRP	mm	6940
L3 Maximum digging height	mm	6850
L4 Maximum unloading height	mm	4988
L5 Minimum unloading height	mm	2102
L6 8 ft. level floor digging depth	mm	3616
L7 Maximum vertical digging depth	mm	1935
L8 Maximum digging depth	mm	3933
L9 Minimum swing radius	mm	2898
L10 Maximum lifting height of dozer blade	mm	482
L11 Max. cutting depth of dozer blade	mm	307
Boom deflection angle (left)	-	62°
Boom deflection angle (right)	-	50°

Track		
Standard track shoe width	mm	450
Number of track shoes (per side)	-	40
Number of track roller (per side)	-	5
Number of track roller (per side)	-	1

Standard		
Length of boom	mm	3400
Length of arm	mm	1823
Bucket capacity	m ³	0.35 (Earthmoving bucket)

Optional		
Length of boom	mm	-
Length of arm	mm	-
Bucket capacity	m ³	0.2 (Trench bucket) 0.5 (Clearing bucket)



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