

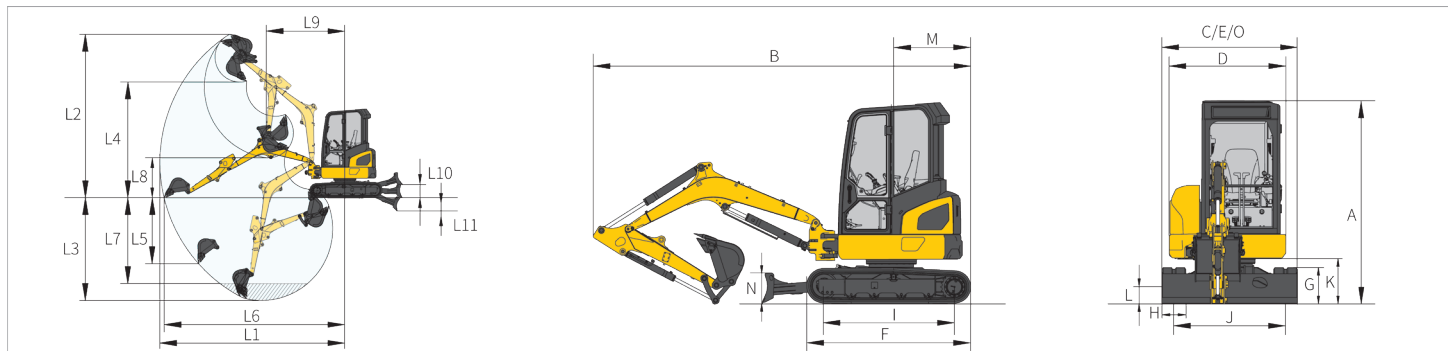
XE35E

Hydraulic Excavator



- Operating weight (kg): 3875
- Bucket capacity (m³): 0.08
- Rated power (kW): 18.2

- Widely used in construction and production sectors such as hydropower, transportation, municipal engineering, landscaping, farmland improvement, and oil pipeline construction.
- Zero-tail design, enabling easy operation in confined spaces such as urban streets and basements.
- Features the largest 7-inch LCD display in its class with touchscreen capability, and is equipped with heating and air conditioning for enhanced comfort.
- Powered by an eco-friendly engine that meets Euro V and EPA Tier 4 Final emission regulations, delivering strong performance, energy savings, and environmental protection.



Technical Specifications

Item contents	Unit	Parameters
Operating weight	kg	3875
Engine		
Engine brand/model	-	Kubota/D1703
Emission standard	-	EU Stage V
Rated power/rpm	kW/rpm	18.2/2200
Direct injection	-	√
Electronic fuel injection	-	√
4-stroke	-	√
Water-cooled	-	√
Turbocharged	-	√
Air-to-air intercooler	-	√
Stroke	mm	92.4
Cylinder bore	mm	87
Number of cylinders	-	3
Maximum torque/rpm	N-m/rpm	97.4/1500
Displacement	L	1.647

Main performance		
Travel speed (high/low)	km/h	4.1/2.3
Swing speed	r/min	9
Maximum swing torque	kN-m	18
Gradeability	-	30° (58%)
Ground specific pressure	kPa	35.1
Bucket digging force (ISO)	kN	28.6
Arm digging force (ISO)	kN	20.3
Maximum traction force	kN	38.3

Hydraulic system		
Main pump	-	1 × Variable displacement pump
Maximum flow rate of the main system	L/min	103.5
Main system pressure	MPa	25.3
Pilot system pressure	MPa	3.5
Swing system pressure	MPa	20

Oil capacity		
Fuel tank capacity	L	47
Hydraulic oil tank capacity	L	35

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

Item contents	Unit	Parameters
Dimensions		
A Overall height	mm	2540
B Overall length	mm	4783
C Overall width	mm	1700
D Upper structure width	mm	1463
E Undercarriage width	mm	1700
F Track length	mm	2078
G Track height	mm	450
H Standard track shoe width	mm	300
I Crawler base	mm	1652
J Track gauge	mm	1400
K Counterweight ground clearance	mm	558
L Minimum ground clearance	mm	281
M Rear-end swing radius	mm	900
N Dozer blade height	mm	388
O Dozer blade width	mm	1700

Working range		
L1 Maximum reach	mm	5687
L2 Maximum digging height	mm	4950
L3 Maximum digging depth	mm	3424
L4 Maximum dumping height	mm	3590
L5 Maximum vertical digging depth	mm	1885
L6 Maximum reach at GRP	mm	5575
L7 Maximum digging depth at 2.44 m (8 ft) floor length	mm	2984
L8 Minimum dumping height	mm	898
L9 Minimum swing radius	mm	2447
L10 Maximum lifting height of dozer blade	mm	374
L11 Maximum cutting depth of dozer blade	mm	369
Boom swing angle (left)	-	70
Boom swing angle (right)	-	48

Track		
Number of track shoes (per side)	-	43
Number of track rollers (per side)	-	4
Number of carrier plates (per side)	-	1

Standard		
Length of boom	mm	2540
Length of arm	mm	1600
Bucket capacity	m ³	0.08 (General duty bucket)

