

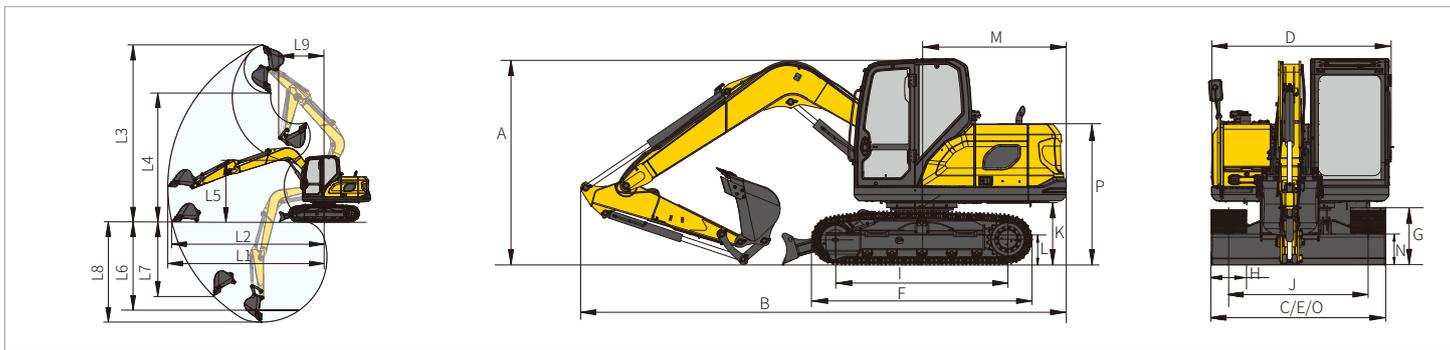
XE75E

Hydraulic Excavator



- Operating mass (kg): 7700
- Bucket capacity (m³): 0.33
- Rated power (kW): 54.6

- Easily cope with harsh working conditions such as heavy-duty digging and breaking, with a service life increase of over 15%.
- Equipped with Kubota turbocharged engine for excellent fuel economy, low noise, and minimal vibration.
- Multi-mode control system E mode for fuel economy, P mode for high efficiency, B mode for hydraulic breakers.
- Vehicle-level NVH optimization delivers a quiet and comfortable cab environment, significantly enhancing operating comfort.



Technical Specifications

Item contents	Unit	Parameters
Operating Mass	kg	7700
Engine		
Engine brand/model	-	Kubota V3307
Emission standard	-	EU Stage V
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	285/1400-1800
Displacement	L	3.331
Main performance		
Travel speed (high/low)	km/h	4.9/2.8
Swing speed	r/min	10.5
Maximum swing torque	kN·m	23
Gradeability	-	35° (70%)
Ground contact pressure	kPa	33.5
Bucket digging force (ISO)	kN	57
Arm digging force (ISO)	kN	38
Maximum traction force	kN	68.3
Hydraulic system		
Main pump	-	Plunger pump
Maximum flow rate of main system	L/min	163.8
Main system pressure	MPa	28.4
Pilot system pressure	MPa	3.7±0.2
Traveling system pressure	MPa	28.4
Swing system pressure	MPa	23.5
Cab standard		
ISO 10262: 1998 (OPG)	-	√
ISO 12117-2: 2008 (ROPS)	-	√
Fluid Capacity		
Fuel tank capacity	L	170
Hydraulic oil tank capacity	L	76

Item contents	Unit	Parameters
Dimensions		
A Overall height	mm	2779.5
B Overall length	mm	6185
C Overall width	mm	2265
D Upper structure width	mm	2260
E Undercarriage width (extended/retracted)	mm	2250
F Track length	mm	2825
G Track height	mm	696
H Standard track shoe width	mm	450
I Crawler base	mm	2195
J Track gauge (extended/retracted)	mm	1800
K Counterweight ground clearance	mm	813
L Minimum ground clearance	mm	385
M Rear-end swing radius	mm	1840
N Dozer blade height	mm	385
O Dozer blade width (unfolded/folded)	mm	2250
P Height of engine hood	mm	1800
Working range		
L1 Maximum reach	mm	6260
L2 Maximum reach at GRP	mm	6070
L3 Maximum digging height	mm	7085
L4 Maximum dumping height	mm	5160
L5 Minimum unloading height	mm	2476
L6 Digging depth at 8 feet floor length	mm	3628
L7 Maximum vertical digging depth	mm	2960
L8 Maximum digging depth	mm	4020
L9 Minimum swing radius	mm	1818
Maximum lifting height of dozer blade	mm	440
Maximum cutting depth of dozer blade	mm	445
Tracks		
Standard track shoe width	mm	450
Number of track shoes (per side)	-	39
Number of track rollers (per side)	-	5
Number of track carrier rollers (carrier plate)(per side)	-	1
Standard		
Length of boom	mm	3720
Length of arm	mm	1622
Bucket capacity	m ³	0.33 <small>(Germany by bucket)</small>

