

XE35E *

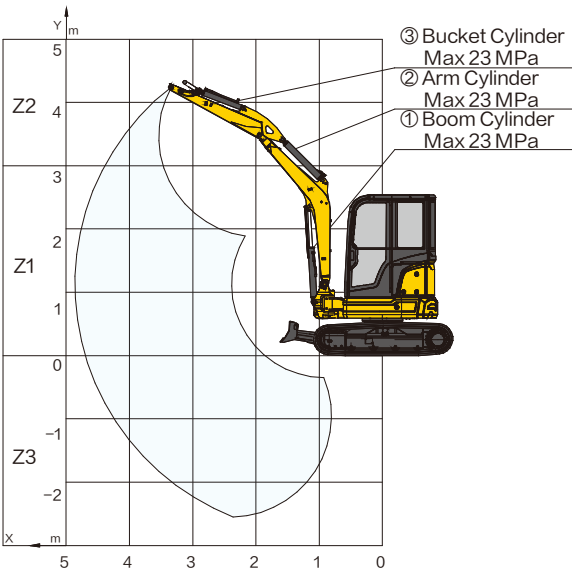
Applications : Suitable for hydropower, transportation, municipal construction and narrow space operations.

Features : Tailless design and deflectable working device to meet the construction needs of narrow spaces. Spacious cab with air conditioning to improve operating comfort. Intelligent technology helps urban construction.

*: NEW MODEL with upgrading features, a ' PRO ' sign can be found significantly to distinguish with previous model.

Never attempt to lift or hold any load in excess of the rated lifting capacity at the specified lifting radius and height. The lifting point is located on the lifting eye of the arm (Bucket weight is not included), any additional attachment such as bucket should be deducted from the lifting weight. When determining the net lifting weight allowed for the machine, the weight of the slings and any auxiliary lifting devices must be deducted from the rated lifting capacity. Lifting capacity is based on the machine standing on firm and level ground. The operator should consider working conditions such as soft or uneven ground. Before operating the machine, the operator should familiarize himself with the safety procedures in the relevant manual.

kg												Dozer Blade up
In travel direction				Against travel direction				Right angle to travel direction				
LD	X	1.0m	2.0m	3.0m	4.0m	MAX						m
1.325m	Z2				515	470	490	410	4.1			
	Z1			*1150	*1150	*600	*600	470	445	400	370	4.6
	Z3	*1100	*1100	*830	*830	*690	*690	465	430	420	385	4.4



Note 1 The lifting capacities in the table refer to the case where no external thrust intervention is included.

Note 2 Lifting capacities marked with an asterisk (*) in the table are limited by hydraulic capacity and should not exceed 75% of the minimum tipping load or 87% of the hydraulic capacity.

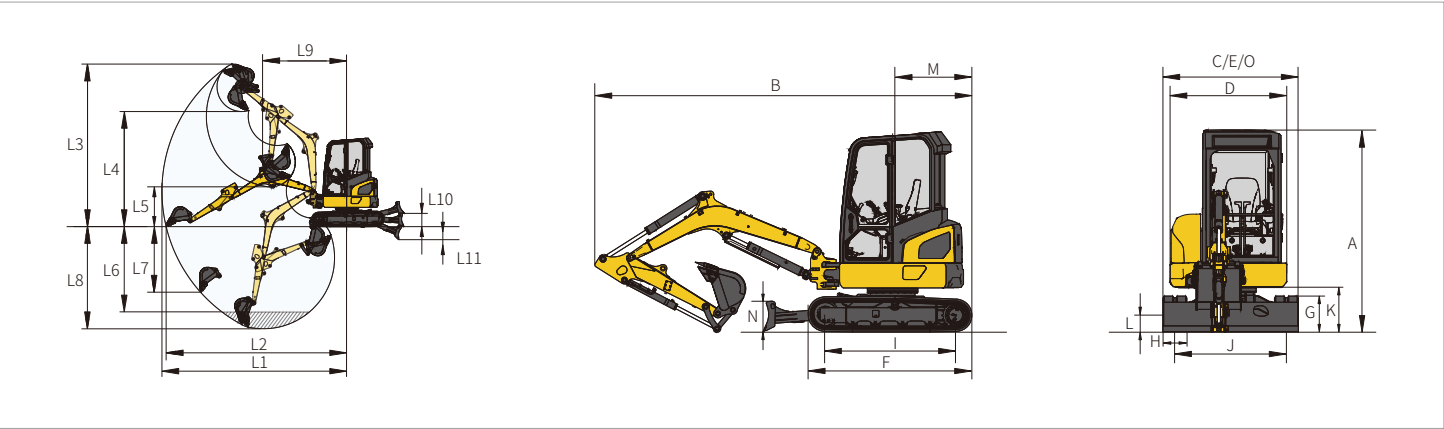
Note 3 The least stable position is on the side of the excavator.

Note 4 The lifting capacity table applies only to machines originally built and normally assembled by the manufacturer.

Note 5 The machine is rated for an operating mass of 3875 kg, which includes 0.3 m rubber tracks, a 2.38 m boom, a 1.325 m arm, a 350 kg counterweight, all working fluids, and a 75 kg operator, exclusive of the bucket.

Note 6 Lifting capacity shall be in accordance with ISO 10567:2007.

Note 7 For all configurations of track specifications, the lifting capacity is kept within $\pm 5\%$.



Item contents	Unit	Parameters
Working range		
L1 Maximum reach	mm	5292
L2 Maximum reach at GRP	mm	5172
L3 Maximum digging height	mm	4660
L4 Maximum unloading height	mm	3301
L5 Minimum unloading height	mm	1143
L6 8 ft. level floor digging depth	mm	2445
L7 Maximum vertical digging depth	mm	1885
L8 Maximum digging depth	mm	2923
L9 Minimum swing radius	mm	2408
L10 Maximum lifting height of dozer blade	mm	374
L11 Max. cutting depth of dozer blade	mm	369
Boom deflection angle (left)	-	70
Boom deflection angle (right)	-	48

Item contents	Unit	Parameters
Operating weight	kg	3875
Engine		
Engine brand/model	-	Kubota/D1703
Rated power/rpm	kW/rpm	18.5/2200
Direct injection	-	√
4-stroke	-	√
Water-cooled	-	√
Air-to-Air intercooling	-	√
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	3.6/2.2
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	27.5
Arm digging force (ISO)	kN	18.8
Maximum traction force	kN	31.6

Track		
Standard track shoe width	mm	300
Number of track roller (per side)	-	4
Number of track carrier roller (per side)	-	1

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 Chassis width	mm	1700
F Track length	mm	2078
G Track height	mm	450
H Standard track shoe width	mm	300
I Track wheelbase	mm	1652
J Track gauge	mm	1400
K Counterweight ground clearance	mm	558
L Minimum ground clearance	mm	281
M Tail Swing Radius	mm	900
N Dozer blade height	mm	388
O Dozer blade width	mm	1700

Item contents	Unit	Parameters
Hydraulic system		
Main pump	-	One plunger pump
Maximum flow rate of main system	L/min	99
PTO pump flow rate	L/min	24.5
Main system pressure (power-max pressure)	MPa	3.5
Heat dissipation pump pressure	MPa	23
Swing system pressure	MPa	20

Cab standard		
ISO 10262: 1998 (OPG)	-	√
ISO 12117: 1997 (TOPS)	-	√
ISO 3471: 2008 (ROPS)	-	√

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

Standard		
Length of boom	mm	2380
Length of arm	mm	1325
Bucket capacity	m ³	0.11 (Earthmoving bucket)