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XE55E

CRAWLER EXCAVATOR



Operating weight 5700kg

Bucket capacity 0.07m³

Rated power 30.7kW



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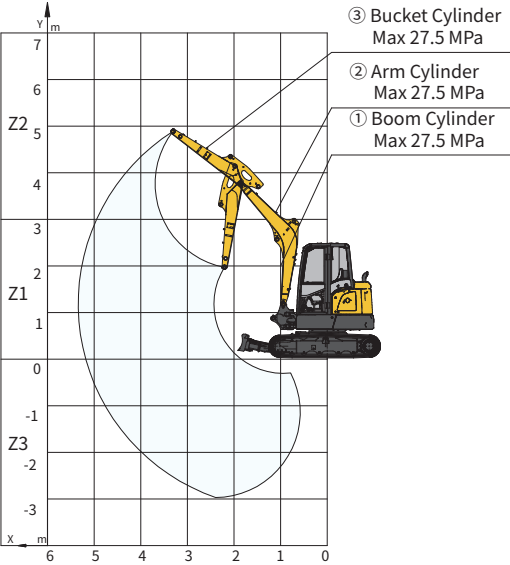
Applications : Municipal and gardening

Features : Small turning radius, smooth movement, sensitive response of micro-operation. Equipped with various attachments such as hydraulic quick coupler, thumb, tilting bucket, etc. The breaking function allows for one click cruising operation, resulting in high work efficiency.



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	Y \ X	2.0m			3.0m			4.0m			5.0m			MAX	
1.90m	Z2							1124	893	774	616	1099	874	4.00	
	Z1				1471	1103	973	752	712	557	725	576	5.20		
	Z3	*1620	*1620		*1221	1167	952	733	705	551	*1279	1058	3.20		
1.57m	Z2						1119	891			1275	1010	3.70		
	Z1				1494	1123	990	770	730	575	813	649	4.80		
	Z3	*1482	*1482		*1421	1185	978	759	729	574	1367	1050	3.30		



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.

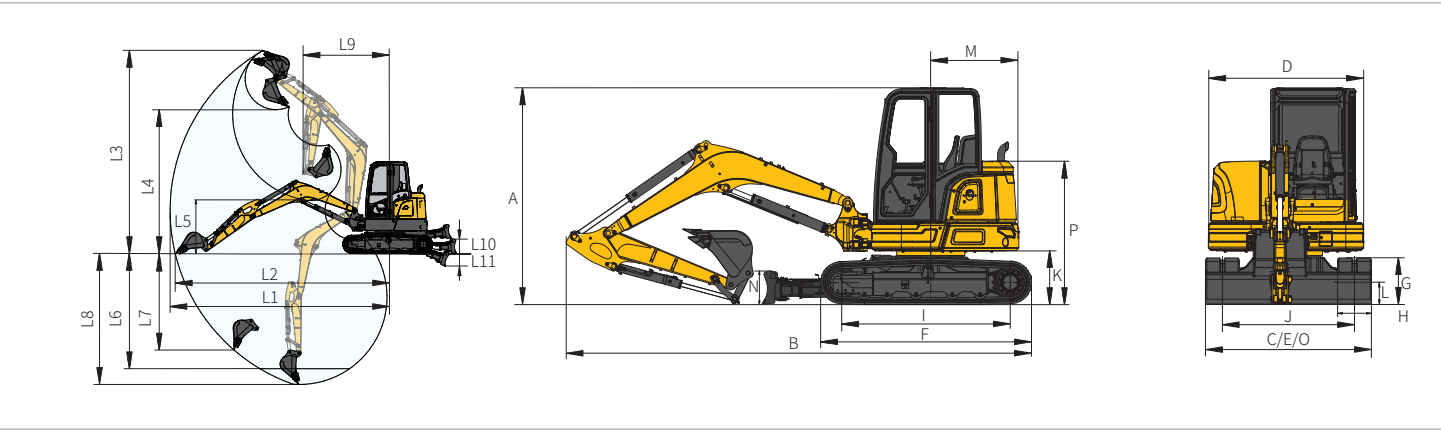
Note 3 The least stable position is on the side of the excavator.

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 weight of 5700 kg (12566 lb), which includes 0.4 m (1.3 ft) steel tracks, a 2.85 m (9.35 ft) boom, a 1.90 m (6.23 ft) arm, a 700 kg (1555 lb) counterweight, all working fluids, and a 75 kg (165 lb) 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 ±5%.



Item contents	Unit	Parameters
Working range		
L1 Maximum reach	mm	6312
L2 Maximum reach at GRP	mm	6175
L3 Maximum digging height	mm	5734
L4 Maximum unloading height	mm	4275
L5 Minimum unloading height	mm	1140
L6 8 ft. level floor digging depth	mm	3460
L7 Maximum vertical digging depth	mm	2641
L8 Maximum digging depth	mm	3874
L9 Minimum swing radius	mm	2430
L10 Maximum lifting height of dozer blade	mm	450
L11 Max. cutting depth of dozer blade	mm	400
Boom deflection angle (left)	-	70°
Boom deflection angle (right)	-	53°

Item contents	Unit	Parameters
Operating weight	kg	5700
Engine		
Engine brand/model	-	Kubota/V2403
Rated power/rpm	kW/rpm	30.7/2200
Direct injection	-	√
4-stroke	-	√
Water-cooled	-	√
Stroke	mm	102.4
Cylinder bore	mm	87
Number of cylinders	-	4
Maximum torque/rpm	N·m/rpm	159.8/1500
Displacement	L	2.434

Main performance		
Travel speed (high/low)	km/h	4.6/2.8
Swing speed	r/min	9.5
Maximum swing torque	kN·m	11.25
Gradeability	-	30° (58%)
Ground specific pressure	kPa	32
Bucket digging force (ISO)	kN	38.2
Arm digging force (ISO)	kN	25.7
Maximum traction force	kN	52.8

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

Item contents	Unit	Parameters
Dimensions		
A Overall height	mm	2555
B Overall length	mm	5340
C Overall width	mm	1960
D Upper structure width	mm	1830
E Chassis width	mm	1960
F Track length	mm	2490
G Track height	mm	550
H Standard track shoe width	mm	400
I Track wheelbase	mm	1990
J Track gauge	mm	1560
K Counterweight ground clearance	mm	637
L Minimum ground clearance	mm	315
M Tail swing radius	mm	1040
N Dozer blade height	mm	450
O Dozer blade width	mm	1960
P Hood height	mm	1690

Item contents	Unit	Parameters
Hydraulic system		
Main pump	-	One variable pump
Maximum flow rate of main system	L/min	158.4
Main system pressure	MPa	27.5
Pilot system pressure	MPa	3.7
Travel system pressure	MPa	27.5
Swing system pressure	MPa	24

Track		
Standard track shoe width	mm	400
Number of track roller (per side)	-	5
Number of track carrier roller (per side)	-	1

Standard		
Length of boom	mm	2850
Length of arm	mm	1900
Bucket capacity	m³	0.07 (Earthmoving bucket)

Optional		
Length of boom	mm	-
Length of arm	mm	-
Bucket capacity	m³	0.06/0.13/0.23 (Earthmoving bucket)

Oil capacity		
Fuel tank capacity	L	65
Hydraulic oil tank capacity	L	49