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XE45E

CRAWLER EXCAVATOR



Operating weight 4800kg

Bucket capacity 0.12m³

Rated power 29.7kW



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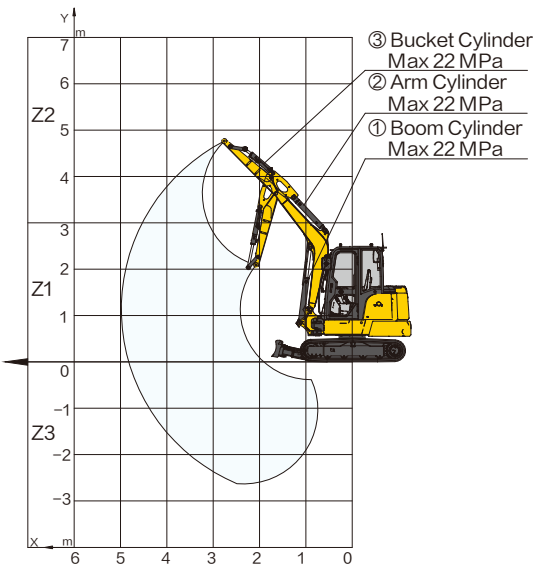
Applications : Municipal and gardening.

Features : Excellent human-machine interaction and reliable safety, equipped with rubber tracks, multi-function hydraulic system, auxiliary counter-weight, sunshade, high-definition touch display and rear camera, supporting multiple machine matching and one-key crushing cruise, efficient work.

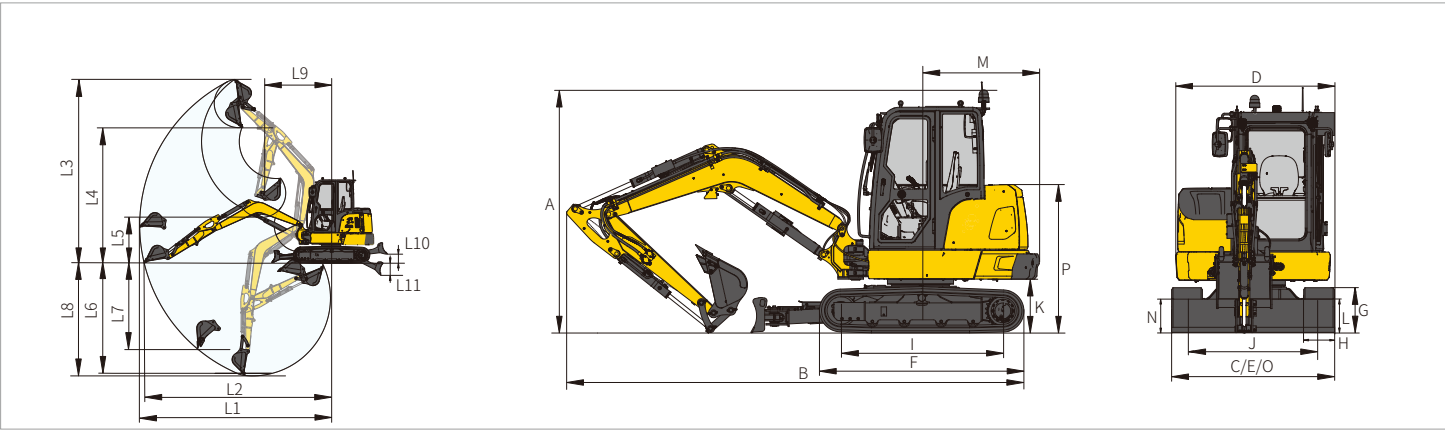


Never attempt to lift or hold any load in excess of the rated lifting capacity at the specified lifting radius and height. The lifting point is located on the lifting eye of the arm (Bucket weight is not included), any additional attachment such as bucket should be deducted from the lifting weight. When 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	2.0m		3.0m		4.0m		5.0m		MAX			
												m	
1.60m	Z2			*875	*875	887	755			*1267	*1267	2.20	
	Z1	*1318	*1318	*952	*952	810	682			734	625	4.50	
	Z3	*1536	*1536	1197	986	802	674			1017	850	3.40	



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 4800 kg (10582 lb), which includes 0.35 m (1.15 ft) rubber tracks, a 2.6 m (8.53 ft) boom, a 1.6 m (5.24 ft) arm, a 407 kg (897 lb) counter-weight, 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	5740
L2 Maximum reach at GRP	mm	5585
L3 Maximum digging height	mm	5479
L4 Maximum unloading height	mm	4052
L5 Minimum unloading height	mm	1378
L6 8 ft. level floor digging depth	mm	3210
L7 Maximum vertical digging depth	mm	2680
L8 Maximum digging depth	mm	3342
L9 Minimum swing radius	mm	1215
L10 Maximum lifting height of dozer blade	mm	417
L11 Max. cutting depth of dozer blade	mm	513
Boom deflection angle (left)	-	70°
Boom deflection angle (right)	-	53°

Item contents	Unit	Parameters
Operating weight	kg	4800
Engine		
Engine brand/model	-	Kubota/D1803
Rated power/rpm	kW/rpm	29.7/2200
Direct injection	-	√
4-stroke	-	√
Water-cooled	-	√
Turbocharged	-	√
Stroke	mm	102.4
Cylinder bore	mm	87
Number of cylinders	-	3
Maximum torque/rpm	Nm/rpm	150.5/1500
Displacement	L	1.826

Oil capacity		
Fuel tank capacity	L	65
Hydraulic oil tank capacity	L	36

Track		
Standard track shoe width	mm	350
Number of track roller (per side)	-	4
Number of track carrier roller (per side)	-	1

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

Item contents	Unit	Parameters
Dimensions		
A Overall height	mm	2649
B Overall length	mm	5250
C Overall width	mm	1850
D Upper structure width	mm	1758
E Chassis width	mm	1850
F Track length	mm	2249
G Track height	mm	513
H Standard track shoe width	mm	350
I Track wheelbase	mm	1800
J Track gauge	mm	1500
K Counterweight ground clearance	mm	597
L Minimum ground clearance	mm	290.5
M Tail Swing Radius	mm	1215
N Dozer blade height	mm	392
O Dozer blade width	mm	1850
P Hood height	mm	1647

Item contents	Unit	Parameters
Hydraulic system		
Main pump	-	One variable pump
Maximum flow rate of main system	L/min	132
Main system pressure	MPa	24
Travel system pressure	MPa	24
Swing system pressure	MPa	20.6

Main performance		
Travel speed (high/low)	km/h	5.0/2.6
Swing speed	r/min	9
Maximum swing torque	kN-m	8.7
Gradeability	-	30° (58%)
Ground specific pressure	kPa	34
Bucket digging force (ISO)	kN	37
Arm digging force (ISO)	kN	22
Maximum traction force	kN	42

Standard		
Length of boom	mm	2600
Length of arm	mm	1600
Bucket capacity	m³	0.12 (Earthmoving bucket)

Optional		
Length of boom	mm	-
Length of arm	mm	-
Bucket capacity	m³	0.05 (Earthmoving bucket) 0.18 (Earthmoving bucket) 0.11 (Ditch cleaning bucket)