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XE19EV

PURE ELECTRIC HYDRAULIC EXCAVATOR

Operating weight	Bucket capacity	Rated power
2150kg	0.04m³	12kW

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Applications : Widely used in food factories, wineries, interior demolition, landscaping, vegetable greenhouses.

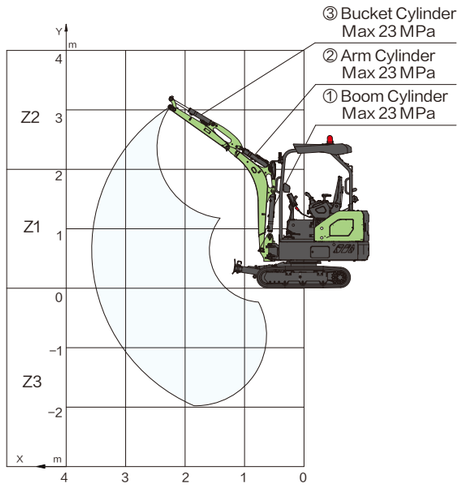
Features : The excavator uses a 51.2 V low voltage platform and is equipped with a high-power motor rated at 12kW, and the peak can reach 25 kW.
Upgraded track vibration reduction, double spare pipelines for fine flow adjustment.

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

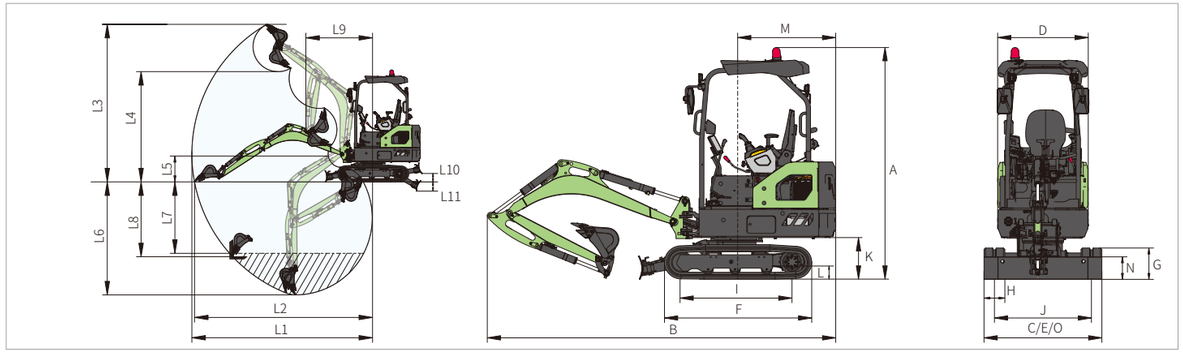
kg — Dozer Blade up

In travel direction — Against travel direction — Right angle to travel direction

LD	X / Y	1.5m			2.0m			2.5m			3.0m			MAX			
																	m
	Z2							*210	*210								
	Z1				*240	*240		*220	*220		*260	*260		*210	*210		3.56
	Z3	*540	*540		*370	*370		*260	*260		*250	*250					



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 2150 kg (4740 lb), which includes 0.23 m (0.75 ft) rubber tracks, a 1.81 m (5.94 ft) boom, a 1.19 m (3.90 ft) arm, a 220 kg (485 lb) battery pack, 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 digging reach	mm	4120
L2 Maximum digging reach at GRP	mm	4070
L3 Maximum digging height	mm	3620
L4 Maximum unloading height	mm	2560
L5 Minimum unloading height	mm	630
L6 Maximum digging depth	mm	2045
L7 8 ft. level floor digging depth	mm	2140
L8 Maximum vertical digging depth	mm	2580
L9 Minimum swing radius	mm	1520
L10 Maximum lifting height of dozer blade	mm	235
L11 Maximum cutting depth of dozer blade	mm	270
Boom deflection angle (left)	-	75°
Boom deflection angle (right)	-	60°

Item contents	Unit	Parameters
Dimensions		
A Overall height	mm	2560
B Overall length	mm	3860
C Overall width (extended/retracted)	mm	990/1300
D Upper structure width	mm	990
E Chassis width (extended/retracted)	mm	990/1300
F Track length	mm	1580
G Track height	mm	346
H Standard track shoe width	mm	230
I Track wheelbase	mm	1230
J Track gauge (extended/retracted)	mm	760/1070
K Counterweight ground clearance	mm	457
L Minimum ground clearance	mm	148
M Tail swing radius	mm	1100
N Dozer blade height	mm	250
O Dozer blade width (unfolded/folded)	mm	990/1300

Item contents	Unit	Parameters
Operating weight	kg	2150
Electric motor		
Electric motor type	-	Permanent magnet synchronous motor
Rated power	kW	12
Maximum torque	N·m	110
Insulation class	-	H
Cooling method	-	Natural cooling
Battery pack		
Battery type	-	Lithium Iron Phosphate
Battery voltage	V	51.2
Battery capacity	kWh	23.5
Standard charging time	h	8.5
Fast charging time	h	2
Indicative runtime	h	3.5-5
Heating method	-	Heating film
Cooling method	-	Natural cooling
Track		
Standard track shoe width	mm	230
Number of track roller (per side)	-	3
Number of track carrier roller (per side)	-	2
Cab standard		
ISO 10262: 1998 (OPG)	-	√
ISO 12117-2: 2008 (ROPS)	-	√
ISO 12117: 1997 (TOPS)	-	√

Item contents	Unit	Parameters
Hydraulic system		
Main pump	-	One variable pump
Maximum flow rate of main system	L/min	64.4
Main system pressure	MPa	25.3
Pilot system pressure	MPa	3.5
Travel system pressure	MPa	25.3
Swing system pressure	MPa	11
Hydraulic oil tank capacity	L	18
Main performance		
Travel speed (high/low)	km/h	4.0/2.5
Swing speed	r/min	9
Maximum swing torque	kN·m	2
Gradeability	-	30° (58%)
Ground specific pressure	kPa	33
Bucket digging force (ISO)	kN	16
Arm digging force (ISO)	kN	10
Maximum traction force	kN	19
Standard		
Length of boom	mm	1810
Length of arm	mm	1190
Bucket capacity	m³	0.04 (Earthmoving bucket)
Optional		
Length of boom	mm	-
Length of arm	mm	-
Bucket capacity	m³	0.013/0.032 (Earthmoving bucket) 0.06 (Cleaning bucket)