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XCMG

XE235ECR

CRAWLER EXCAVATOR

Operating weight 25800kg (Excluding the dozer blade) 26800kg (Including the dozer blade)

Bucket capacity 1.0m³

Rated power 129kW

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Applications : Urban construction, road and bridge infrastructure, port construction.

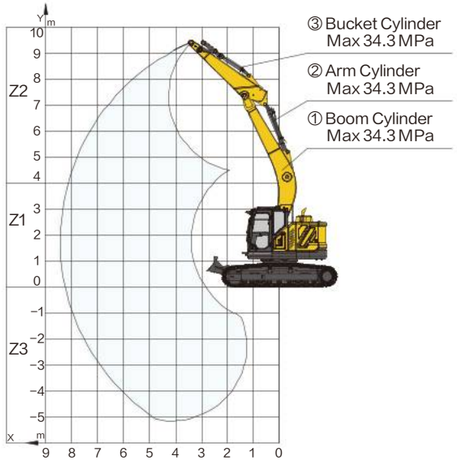
Features : It adopts a cast counterweight integrated design with a small turning radius, is equipped with a 10-inch LCD touch instrument and a high-definition wide-angle camera, supports visual adjustment of pressure and flow, and various attachment operations, which is safe and efficient.

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.

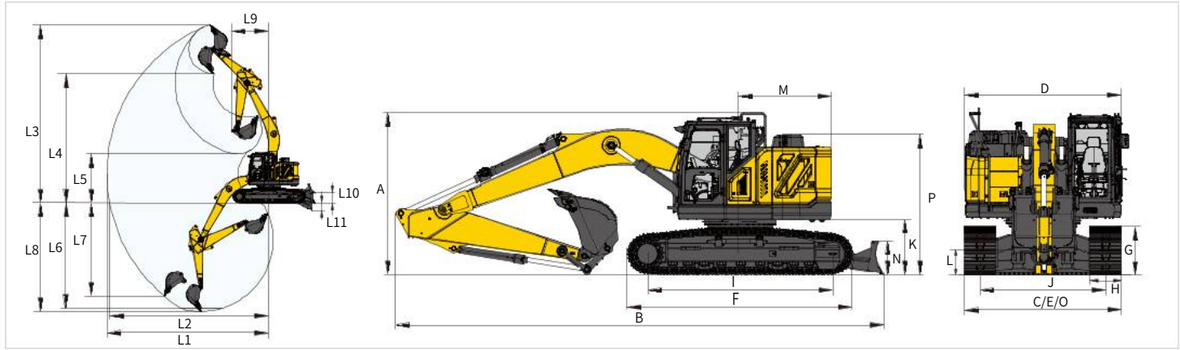
kg — Dozer Blade up

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

LD	X / Y	1.5m			3.0m		4.5m		6.0m		7.5m		MAX		
															m
2.91m	Z2				*9080	*9080	*5420	*5420	*5700	5300	*5880	3800	*4900	3430	8.00
	Z1				*5740	*5740	*9170	6830	*7200	4670	5720	3500	4910	3050	8.40
	Z3	*6470	*6470		*10630	*10630	*8870	6750	7780	4600	5690	3470	5440	3330	7.80



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 25950 kg (57210 lb), which includes0.6 m (1.97 ft) steel tracks, a 5.68 m (18.64 ft) boom, a 2.91 m (9.55 ft) arm, a 2.99 m (9.81 ft) dozer blade, a 6000 kg (13228 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	9944
L2 Maximum reach at GRP	mm	9778
L3 Maximum digging height	mm	10899
L4 Maximum unloading height	mm	7919
L5 Minimum unloading height	mm	3012
L6 8 ft. level floor digging depth	mm	6456
L7 Maximum vertical digging depth	mm	5692
L8 Maximum digging depth	mm	6646
L9 Minimum swing radius	mm	2291
L10 Maximum lifting height of dozer blade	mm	610
L11 Max. cutting depth of dozer blade	mm	480

Item contents	Unit	Parameters
Dimensions		
A Overall height	mm	3085
B Overall length	mm	9005/9602 (Excluding the dozer blade/Including the dozer blade)
C Overall width	mm	2990
D Upper structure width	mm	2980
E Chassis width	mm	2990
F Track length	mm	4444
G Track height	mm	924
H Standard track shoe width	mm	600
I Track wheelbase	mm	3647
J Track gauge	mm	2390
K Counterweight ground clearance	mm	1085
L Minimum ground clearance	mm	485
M Tail Swing Radius	mm	1800
N Dozer blade height	mm	663
O Dozer blade width	mm	2990
P Hood height	mm	2503

Item contents	Unit	Parameters
Operating weight	kg	25800/26800 (Excluding the dozer blade/Including the dozer blade)
Engine		
Engine brand/model	-	Cummins/B6.7
Rated power/rpm	kW/rpm	129/2200
Direct injection	-	√
Electric injection	-	√
4-stroke	-	√
Water-cooled	-	√
Turbocharged	-	√
Air-to-Air intercooling	-	√
Stroke	mm	124
Cylinder bore	mm	107
Number of cylinders	-	6
Maximum torque/rpm	N·m/rpm	881/1300
Displacement	L	6.7
Main performance		
Travel speed (high/low)	km/h	5.3/3.4
Swing speed	r/min	12.1
Maximum swing torque	kN·m	67
Gradeability	-	35°（70%）
Ground specific pressure	kPa	53.7/55.8
Bucket digging force （ISO）	kN	129.3/139.5
Arm digging force （ISO）	kN	107.7/116.2
Maximum traction force	kN	210
Track		
Standard track shoe width	mm	600
Number of track shoes (per side)	-	49
Number of track roller (per side)	-	9
Number of track carrier roller (per side)	-	2

Item contents	Unit	Parameters
Hydraulic system		
Main pump	-	Two variable pumps
Pilot pump	-	One gear pump
PTO pump	-	One gear pump
Maximum flow rate of main system	-	2 × 240.5
PTO pump flow rate	L/min	49.5
Main system pressure	L/min	34.3
Main system pressure (power-max pressure)	MPa	37
Pilot system pressure	MPa	3.9
PTO pump pressure	MPa	30
Travel system pressure	MPa	34.3
Swing system pressure	MPa	27.5
Oil capacity		
Fuel tank capacity	L	300
DEF tank capacity	L	25
Hydraulic oil tank capacity	L	130
Cab standard		
ISO 10262：1998（OPG）	-	√
ISO 12117-2：2008（ROPS）	-	√
Standard		
Length of boom	mm	5680
Length of arm	mm	2910
Bucket capacity	m³	1.0 (Reinforced bucket)
Optional		
Length of boom	mm	-
Length of arm	mm	-
Bucket capacity	m³	1.2 (Earthmoving bucket) / 1.0 (Rock bucket)