

# XE235ECR

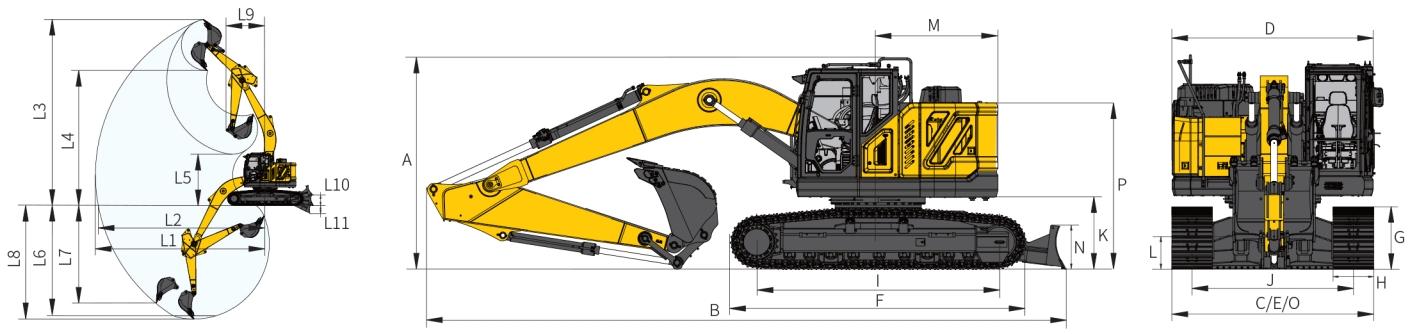
## Crawler Excavator



- Operating weight ( kg ): 27300
- Rated power ( kW ): 129

- Widely used in hydropower, transportation, municipal engineering, landscaping and infrastructure constructions.
- PTO pump as standard can independently control the rotary pipeline to improve the precise flow control.
- Short-tail design and highlight boxing ring as standard ensures safe construction perfectly.
- The full-size reinforced chassis structure and working device ensure the stability of the whole machine while working with strong digging force.





## Technical Specifications

Item contents	Unit	Parameters
Operating weight	kg	27300
<b>Engine</b>		
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
<b>Main performance</b>		
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
<b>Hydraulic system</b>		
Main pump	-	2 × variable pumps
Pilot pump	-	1 × Gear pump
PTO pump	-	1 × Gear pump
Maximum flow rate of main system	L/min	2 × 240.5
PTO pump flow rate	L/min	49.5
Main system pressure	MPa	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
<b>Cab standard</b>		
ISO 10262 : 1998 ( OPG )	-	√
ISO 12117-2 : 2008 ( ROPS )	-	√
<b>Oil capacity</b>		
Fuel tank capacity	L	300
DEF tank capacity	L	25
Hydraulic oil tank capacity	L	130

Item contents	Unit	Parameters
<b>Dimensions</b>		
A Overall height	mm	3181
B Overall length	mm	9602
C Overall width	mm	3090
D Upper structure width	mm	2980
E Chassis width	mm	3090
F Track length	mm	4444
G Track height	mm	924
H Standard track shoe width	mm	700
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	3090
P Hood height	mm	2503

<b>Working range</b>		
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

<b>Track</b>		
Standard track shoe width	mm	700
Number of track shoes (per side)	-	49
Number of track roller (per side)	-	9
Number of track carrier roller (per side)	-	2

<b>Standard</b>		
Length of boom	mm	5680
Length of arm	mm	2910

<b>Optional</b>		
Earthmoving bucket	m <sup>3</sup>	1.2
Reinforced bucket	m <sup>3</sup>	1.0
Rock bucket	m <sup>3</sup>	0.9





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