



# XE500G

## Crawler Excavator

- Operating weight ( kg ): 49700
- Bucket capacity ( m<sup>3</sup> ): 2.8
- Rated power ( kW ): 343
- Widely used for infrastructure, water conservancy projects, real estate, mine construction and other large-scale excavation and loading projects.
- New Pressurized Cabin, comprehensive improvement in comfort and safety, with high power automatic hot and cold AC system, enlarged suspension seat, 8-inch instrument panel with touch screen.
- Customized Cummins X12 low-speed and high-torque engine, constant power output, powerful and reliable.
- Positive Flow Control System, fully electronically controlled large-displacement main pump, perfectly matches the engine, highly efficient and energy-saving, providing smoother operation of the machine.
- 690L large-capacity fuel tank, endurance time increased by 30%, making refueling more convenient and construction work more efficient.

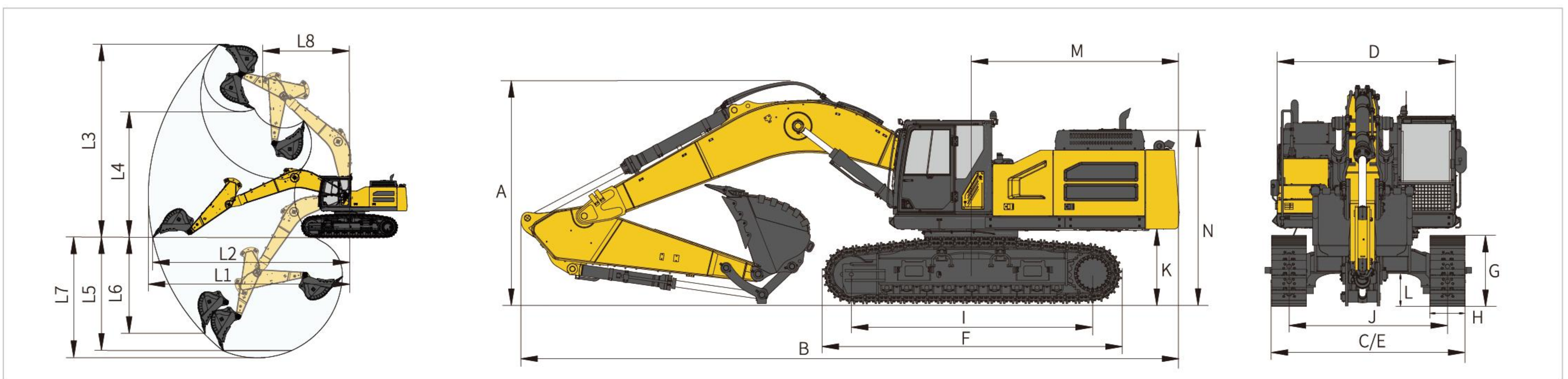
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## Technical Specifications

Item contents	Unit	Parameters
Operating weight	kg	49700
<b>Engine</b>		
Engine brand/model	-	Cummins/X12
Rated power/rpm	kW/rpm	343/1800
Direct injection	-	√
Electric injection	-	√
4-stroke	-	√
Water-cooled	-	√
Turbocharged	-	√
Air-to-Air intercooling	-	√
Stroke	mm	144
Cylinder bore	mm	132
Number of cylinders	-	6
Maximum torque/rpm	N·m/rpm	2170/1400
Displacement	L	11.8

<b>Main performance</b>		
Travel speed (high/low)	km/h	5.4/3.2
Swing speed	r/min	8
Maximum swing torque	kN·m	181
Gradeability	-	35° ( 70% )
Ground specific pressure	kPa	85
Bucket digging force (SAE)	kN	275
Bucket digging force (ISO)	kN	300
Arm digging force (SAE)	kN	251
Arm digging force (ISO)	kN	261
Maximum traction force	kN	330

<b>Hydraulic system</b>		
Main pump	-	2 x variable pumps
Pilot pump	-	1 x Gear pump
Heat dissipation pump	-	1 x variable pump
Maximum flow rate of main system	L/min	2×360
Main system pressure	MPa	34.3
Main system pressure (power-max pressure)	MPa	37
Pilot system pressure	MPa	3.9
Heat dissipation pump pressure	MPa	23.5
Travel system pressure	MPa	34.3
Swing system pressure	MPa	30

<b>Cab standard</b>		
ISO 10262 : 1998 ( OPG )	-	√
ISO 12117-2 : 2008 ( ROPS )	-	√

<b>Oil capacity</b>		
Fuel tank capacity	L	690
Hydraulic oil tank capacity	L	430

Item contents	Unit	Parameters
<b>Dimensions</b>		
A Overall height	mm	4270
B Overall length	mm	12120
C Overall width	mm	3575
D Upper structure width	mm	3095
E Chassis width	mm	3575
F Track length	mm	5470
G Track height	mm	1225
H Standard track shoe width	mm	600
I Track wheelbase	mm	4430
J Track gauge	mm	2740
K Counterweight ground clearance	mm	1355
L Minimum ground clearance	mm	560
M Tail swing radius	mm	3900
N Hood height	mm	3165

<b>Working range</b>		
L1 Maximum digging reach	mm	11225
L2 Maximum digging reach at GRP	mm	11000
L3 Maximum digging height	mm	10340
L4 Maximum unloading height	mm	7060
L5 8 ft. level floor digging depth	mm	7010
L6 Maximum vertical digging depth	mm	3870
L7 Maximum digging depth	mm	7215
L8 Minimum swing radius	mm	4970

<b>Track</b>		
Standard track shoe width	mm	600
Number of track shoes (per side)	-	50
Number of track roller (per side)	-	9
Number of track carrier roller (per side)	-	2

<b>Standard</b>		
Length of boom	mm	6900
Length of arm	mm	2550
Bucket capacity	m <sup>3</sup>	2.8 <small>(Rock bucket)</small>

<b>Optional</b>		
Length of boom	mm	-
Length of arm	mm	-
Bucket capacity	m <sup>3</sup>	3.2 <small>(Reinforced bucket)</small>



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