

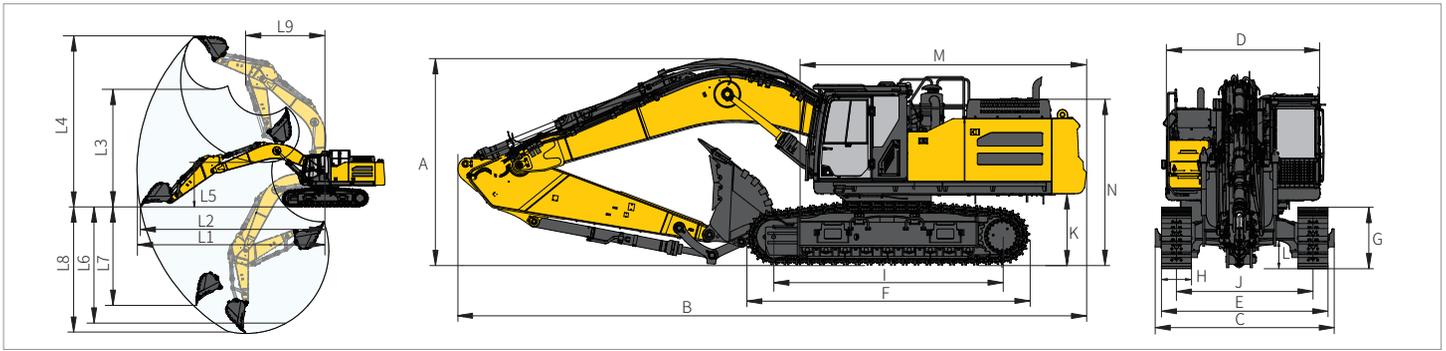
# XE520E

## Crawler Excavator



- Operating weight ( kg ): 51500
- Bucket capacity ( m<sup>3</sup> ): 3.21
- Rated power ( kW ): 321

- Widely used in mining, municipal engineering, infrastructure constructions.
- The low-speed and high torque engine, combined with a large displacement electronic control main pump, provides low fuel consumption, high efficiency and reliability.
- The new cab with luxurious interior, panoramic sunroof are designed for a wider field of vision. The centralized operating buttons arrangement fully upgrades the driving experience.
- 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	51500
<b>Engine</b>		
Engine brand/model	-	Cummins/X12
Rated power/rpm	kW/rpm	321/1800
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	2034/1400
Displacement	L	11.8

<b>Main performance</b>		
Travel speed (high/low)	km/h	5.4/3.2
Swing speed	r/min	8.6
Maximum swing torque	kN-m	185
Gradeability	-	35° (70%)
Ground specific pressure	kPa	85
Bucket digging force (ISO)	kN	300
Arm digging force (ISO)	kN	262
Maximum traction force	kN	358

<b>Hydraulic system</b>		
Main pump	-	2 x variable pumps
Pilot pump	-	variable pumps
Heat dissipation pump	-	variable pumps
Maximum flow rate of main system	L/min	387
Main system pressure	MPa	34.3
Main system pressure (power-max pressure)	MPa	37.3
Pilot system pressure	MPa	3.9
Heat dissipation pump pressure	MPa	28
Travel system pressure	MPa	34.3
Swing system pressure	MPa	31

<b>Cab standard</b>		
ISO 10262 : 1998 (OPG)	-	√

<b>Oil capacity</b>		
Fuel tank capacity	L	650
DEF tank capacity	L	85
Hydraulic oil tank capacity	L	430

Item contents	Unit	Parameters
<b>Dimensions</b>		
A Overall height	mm	3960
B Overall length	mm	11900
C Overall width	mm	3340 <small>(excluding step)</small>
D Upper structure width	mm	2995
E Chassis width	mm	3340
F Track length	mm	5470
G Track height	mm	1225
H Standard track shoe width	mm	600
I Track wheelbase	mm	4407
J Track gauge	mm	2740
K Counterweight ground clearance	mm	1322
L Minimum ground clearance	mm	563
M Tail Swing Radius	mm	3853
N Hood height	mm	3165

<b>Working range</b>		
L1 Maximum digging reach	mm	10802
L2 Maximum digging reach at GRP	mm	10573
L3 Maximum digging height	mm	10236
L4 Maximum unloading height	mm	6955
L5 Minimum unloading height	mm	3100
L6 8 ft. level floor digging depth	mm	6624
L7 Maximum vertical digging depth	mm	4021
L8 Maximum digging depth	mm	6837
L9 Minimum swing radius	mm	5024

<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	6550
Length of arm	mm	2550
Bucket capacity	m <sup>3</sup>	3.21 <small>(ISO bucket)</small>

