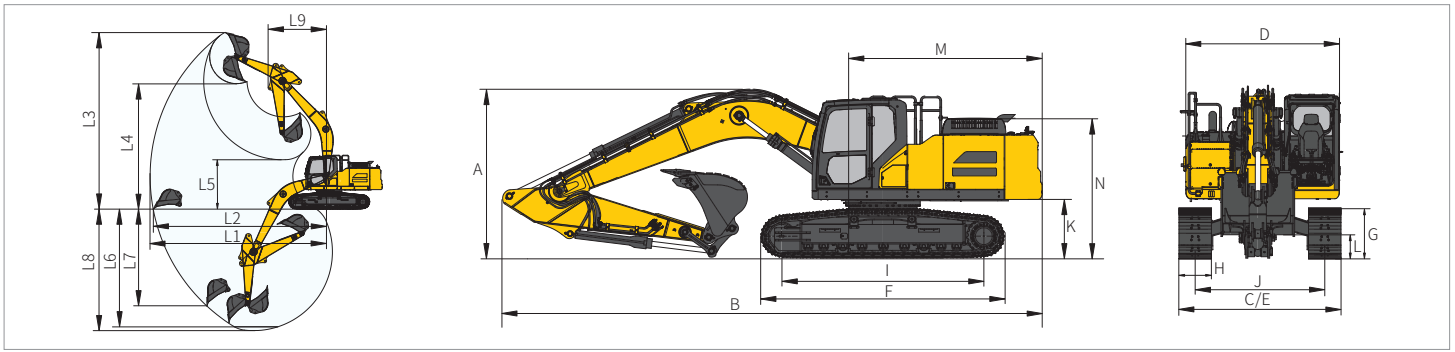


# XE280E

## Crawler Excavator

- Operating weight ( kg ): 26850
- Bucket capacity ( m<sup>3</sup> ): 1.3
- Rated power ( kW ): 145

- Widely used in hydropower, transportation, municipal engineering, landscaping, farmland renovation, and oil pipeline 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	26850
<b>Engine</b>		
Engine brand/model	-	Cummins B6.7
Rated power/rpm	kW/rpm	145/2000
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	847/1500
Displacement	L	6.7
<b>Main performance</b>		
Travel speed (high/low)	km/h	5.2/3.3
Swing speed	r/min	10.6
Maximum swing torque	kN·m	85.5
Gradeability	-	35° (70%)
Ground specific pressure	kPa	53
Bucket digging force (ISO)	kN	170/183.4
Arm digging force (ISO)	kN	120/129
Maximum traction force	kN	220
<b>Hydraulic system</b>		
Main pump	-	2 x variable pumps
Maximum flow rate of main system	L/min	2×234
Main system pressure	MPa	34.3
Main system pressure (power-max pressure)	MPa	37
Pilot system pressure	MPa	3.9
Travel system pressure	MPa	34.3
Swing system pressure	MPa	25.5
<b>Cab standard</b>		
ISO 10262 : 1998 (OPG)	-	√
ISO 12117-2: 2008 (ROPS)	-	√
<b>Oil capacity</b>		
Fuel tank capacity	L	400
DEF tank capacity	L	48
Hydraulic oil tank capacity	L	150

Item contents	Unit	Parameters
<b>Dimensions</b>		
A Overall height	mm	3210
B Overall length	mm	10250
C Overall width	mm	3190
D Upper structure width	mm	2830
E Chassis width	mm	3190
F Track length	mm	4635
G Track height	mm	939
H Standard track shoe width	mm	600
I Track wheelbase	mm	3840
J Track gauge	mm	2590
K Counterweight ground clearance	mm	1110
L Minimum ground clearance	mm	490
M Tail Swing Radius	mm	3025
N Hood height	mm	3073
<b>Working range</b>		
L1 Maximum digging reach	mm	10240
L2 Maximum digging reach at GRP	mm	10075
L3 Maximum digging height	mm	10095
L4 Maximum unloading height	mm	7170
L5 Minimum unloading height	mm	2829
L6 8 ft. level floor digging depth	mm	6704
L7 Maximum vertical digging depth	mm	5520
L8 Maximum digging depth	mm	6925
L9 Minimum swing radius	mm	3510
<b>Track</b>		
Standard track shoe width	mm	600
Number of track shoes (per side)	-	51
Number of track roller (per side)	-	9
Number of track carrier roller (per side)	-	2
<b>Standard</b>		
Length of boom	mm	6000
Length of arm	mm	2960
Bucket capacity	m <sup>3</sup>	1.3 <small>(Reinforced bucket)</small>
<b>Optional</b>		
Length of boom	mm	-
Length of arm	mm	-
Bucket capacity	m <sup>3</sup>	1.2/1.3 <small>(Reinforced bucket)</small> 1.4 <small>(Reinforced bucket)</small>

