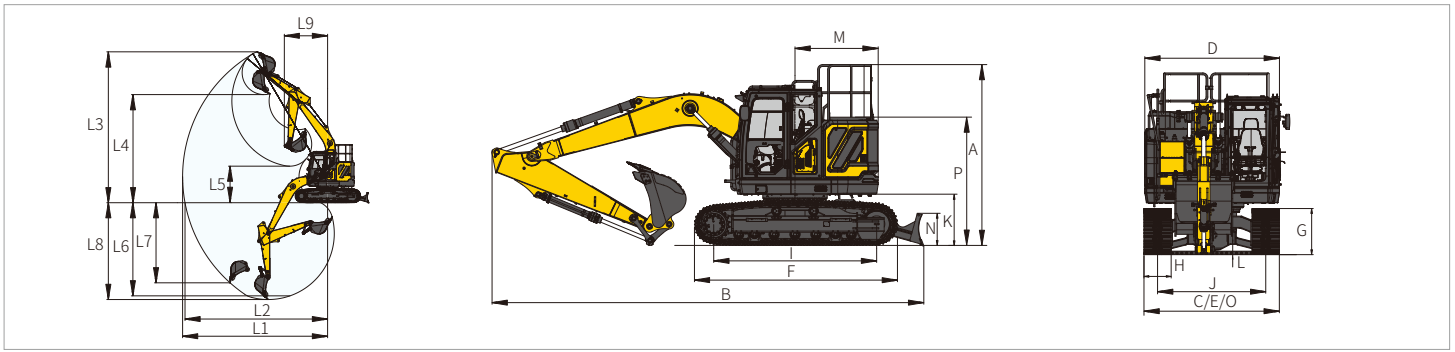


# XE155UCR

## Crawler Excavator

- Operating weight ( kg ): 16600
- Bucket capacity ( m<sup>3</sup> ): 0.65
- Rated power ( kW ): 93

- XE155UCR is equipped with imported Cummins B4.5 engine, imported Kawasaki main valve and main pump with high reliability and high operating efficiency.
- ROPS cab, can be installed with top protection and front protection, to meet the requirements of anti-falling objects, to further improve the safety of the cab.
- Short tail design, tail swing radius is only 1530mm, which can meet the requirements of narrow working conditions.
- Reinforced equipment, the most powerful digging force in the same class of machines, can easily cope with a variety of working conditions operating requirements.



## Technical Specifications

Item contents	Unit	Parameters
Operating weight	kg	16600
<b>Engine</b>		
Engine brand/model	-	Cummins/QSF3.8
Rated power/rpm	kW/rpm	93/2200
Direct injection	-	√
Electric injection	-	√
4-stroke	-	√
Water-cooled	-	√
Turbocharged	-	√
Air-to-Air intercooling	-	√
Stroke	mm	115
Cylinder bore	mm	102
Number of cylinders	-	4
Maximum torque/rpm	N-m/rpm	500/1500
Displacement	L	3.8

Main performance		
Travel speed (high/low)	km/h	4.7/2.9
Swing speed	r/min	11.3
Maximum swing torque	kN-m	32
Gradeability	-	35° (70%)
Ground specific pressure	kPa	49.99
Bucket digging force (SAE)	kN	107
Arm digging force (SAE)	kN	80
Maximum traction force	kN	134

Hydraulic system		
Main pump	-	2 × Variable pumps
Pilot pump	-	1 × Gear pump
PTO pump	-	1 × Gear pump
Maximum flow rate of main system	L/min	2 × 120
PTO pump flow rate	L/min	53
Main system pressure	MPa	34.3
Main system pressure (power-max pressure)	MPa	37
Pilot system pressure	MPa	3.9
PTO pump pressure	MPa	25
Travel system pressure	MPa	34.3
Swing system pressure	MPa	25

Oil capacity		
Fuel tank capacity	L	200
DEF tank capacity	L	19
Hydraulic oil tank capacity	L	90

Cab standard		
ISO 10262: 1998 (OPG)	-	√
ISO 12117-2: 2008 (ROPS)	-	√

Item contents	Unit	Parameters
<b>Dimensions</b>		
A Overall height	mm	3330
B Overall length	mm	7945
C Overall width	mm	2490
D Upper structure width	mm	2490
E Chassis width	mm	2490
F Track length	mm	3734
G Track height	mm	837
H Standard track shoe width	mm	500
I Track wheelbase	mm	2997
J Track gauge	mm	1990
K Counterweight ground clearance	mm	943
L Minimum ground clearance	mm	477
M Tail Swing Radius	mm	1530
N Dozer blade height	mm	566
O Dozer blade width	mm	2490
P Hood height	mm	2300

Working range		
L1 Maximum reach	mm	8295
L2 Maximum reach at GRP	mm	8155
L3 Maximum digging height	mm	8630
L4 Maximum unloading height	mm	6185
L5 Minimum unloading height	mm	2090
L6 8 ft. level floor digging depth	mm	5325
L7 Maximum vertical digging depth	mm	4580
L8 Maximum digging depth	mm	5535
L9 Minimum swing radius	mm	2475
L10 Maximum lifting height of dozer blade	mm	669
L11 Max. cutting depth of dozer blade	mm	368

Track		
Standard track shoe width	mm	500
Number of track shoes (per side)	-	46
Number of track roller (per side)	-	7
Number of track carrier roller (per side)	-	2

Standard		
Length of boom	mm	4600
Length of arm	mm	2520
Bucket capacity	m <sup>3</sup>	0.65 <small>(Reinforced bucket)</small>

Optional		
Length of boom	mm	-
Length of arm	mm	-
Bucket capacity	m <sup>3</sup>	0.52 <small>(Reinforced bucket)</small> 0.92 <small>(Cleaning bucket)</small>

