

# XE150E

## Hydraulic Crawler Excavator

The XE150E adopts a high-pressure common-rail EFI engine that meets North American EPA Tier4F emissions, achieving optimal fuel injection control and improved combustion efficiency. Combined with DOC+DPF exhaust gas treatment technology, it is more energy-saving and environmentally friendly. In addition, the brand new cab, complemented by a luxurious interior, the panoramic sunroof design has a wider field of vision, and the operation buttons are centrally arranged to fully upgrade the driving experience. A large number of special structures and high-strength, wear-resistant steel are used to develop and manufacture structural parts; the strength and service life of the products are greatly improved, and various severe working conditions can be easily handled. It is widely used in small and medium-sized earth and stone works, municipal construction, highway and bridge construction, excavation of ditches, and farmland water conservancy construction.



Model	unit	Main specifications
Operation weight	Kg	14800
Bucket capacity	m <sup>3</sup>	0.32~0.72

Engine	unit	Main specifications
Model	/	Cummins QSB4.5
Direct injection	/	√
Four strokes	/	√
Water cooling	/	√
Turbo-charging	/	√
Air cooled	/	√
No. of cylinders	/	4
Rated power	kw/rpm	90/2200
Maximum torque/speed	N.m/rpm	470/1500
Displacement	L	4.5

Main performance	unit	Main specifications
Travel speed (H/L)	km/h	5.3/3.2
Swing speed	r/min	11.7
Gradeability	°	≤35
Ground pressure	kPa	38
Bucket digging force	kN	106.9
Arm digging force	kN	73.4
Maximum tractive force	kN	134

Hydraulic system	unit	Main specifications
Main pump	/	/
Rated flow of main pump	L/min	123.5×2
Main safety valve pressure	MPa	34.3/37
Travel system pressure	MPa	34.4
Rotary system pressure	MPa	25
Pilot system pressure	MPa	3.9

Oil Capacity	unit	Main specifications
Fuel tank	L	260
Hydraulic tank capacity	L	105
Engine oil capacity	L	11

Standard	unit	Main specifications
Length of boom	mm	4600
Length of arm	mm	2520
Bucket capacity	m <sup>3</sup>	0.61

Appearance size	unit	Main specifications
A Overall length	mm	7806
B Overall width	mm	2590
C Overall height	mm	2900
D Width of platform	mm	2490
E Track length	mm	3658
F Overall width of chassis	mm	2590
G Track width	mm	600
H Wheel base of crawler	mm	2910
I Track gauge	mm	1990
J Counterweight clearance	mm	942
K Min. ground clearance	mm	476
L Min. tail swing radius	mm	2355
M Track height	mm	836

Working scope	unit	Main specifications
A Max. digging height	mm	8640
B Max. dumping height	mm	6180
C Max. digging depth	mm	5520
D Maximum depth cut for 2240mm(8 ft) level bottom	mm	5324
E Max. vertical wall digging depth	mm	4697
F Max. digging radius	mm	8304
G Min. swing radius	mm	2445

