

# XE300U

## Hydraulic Crawler Excavator

The XE300U is equipped with an intelligent electronic control system to achieve optimal matching control of engine speed and hydraulic pump, achieve dynamic balance of power and hydraulic system, and remote fault diagnosis function, which can record the operation process at any time. The anti-rolling cab can be equipped with top protection, front protection, side protection, and meeting the requirements of anti-falling objects to further improve the safety of the cab. A large number of special structures and imported 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	32700
Bucket capacity	m <sup>3</sup>	1.4~1.6

Engine	unit	Main specifications
Model	/	Cummins QSB7
Electronic Injection	/	/
Four strokes	/	/
Water cooling	/	/
Turbo-charging	/	/
Air cooled	/	/
No. of cylinders	/	6
Rated power	kw/rpm	180/1900
Maximum torque/speed	N.m/rpm	990/1500
Displacement	L	6.7

Main performance	unit	Main specifications
Travel speed (H/L)	km/h	5.0/2.9
Swing speed	r/min	9.8
Gradeability	°	≤35
Ground pressure	kPa	44.7
Bucket digging force	kN	201
Arm digging force	kN	140
Maximum tractive force	kN	262

Hydraulic system	unit	Main specifications
Main pump	/	2
Rated flow of main pump	L/min	2×266
Main safety valve pressure	MPa	34.3/37
Travel system pressure	MPa	34.3
Rotary system pressure	MPa	30
Pilot system pressure	MPa	3.9

Oil Capacity	unit	Main specifications
Fuel tank	L	520
Hydraulic tank capacity	L	270
Engine oil capacity	L	30

Standard	unit	Main specifications
Length of boom	mm	6200
Length of arm	mm	3110
Bucket capacity	m <sup>3</sup>	1.6

Appearance size	unit	Main specifications
A Overall length	mm	10645
B Overall width	mm	3390
C Overall height	mm	3500
D Width of platform	mm	2960
E Track length	mm	4945
F Overall width of chassis	mm	3390
G Track width	mm	800
H Wheel base of crawler	mm	4030
I Track gauge	mm	2590
J Counterweight clearance	mm	1198
K Min. ground clearance	mm	500
L Min. tail swing radius	mm	3200
M Track height	mm	1085

Working scope	unit	Main specifications
A Max. digging height	mm	10145
B Max. dumping height	mm	7180
C Max. digging depth	mm	7200
D Maximum depth cut for 2240mm(8 ft) level bottom	mm	-
E Max. vertical wall digging depth	mm	5185
F Max. digging radius	mm	10665
G Min. swing radius	mm	3850

