

XE470D/XE490DK

Hydraulic Crawler Excavator

XE470D and XE490DK hydraulic excavator is the leading models of large excavators launched by XCMG excavator department. The product integrates the valuable experience gained by XCMG from years of research and development of excavator products, and adopts advanced design and manufacturing methods. Meanwhile, the product adheres to the design concept of "high efficiency, high safety, low carbon and environmental protection", and has perfect mine operation ability. It can be used in mine operations, municipal construction, highway and bridge construction, digging and ditches, farmland water conservancy construction, etc.



Model	unit	XE470D	XE490DK
Operation weight	Kg	46900	48100
Bucket capacity	m ³	2.2-2.5	2.3-3.1

Engine	unit	XE470D	XE490DK
Model	/	QSM11-335	QSM11-375
Direct injection	/	√	√
Four strokes	/	√	√
Water cooling	/	√	√
Turbo-charging	/	√	√
Air cooled	/	√	√
No. of cylinders	/	6	6
Rated power	kw/rpm	250/2000	280/2000
Maximum torque/speed	N.m/rpm	1790/1400	1898/1300
Displacement	L	11	11

Main performance	unit	XE470D	XE490DK
Travel speed	km/h	5.4/3.2	5.4/3.2
Swing speed	r/min	9	9.2
Gradeability	°	35	35
Ground pressure	kPa	83	85
Bucket digging force	kN	287	301
Arm digging force	kN	221	248
Maximum traction	kN	338	338

Hydraulic system	unit	XE470D	XE490DK
Main pump	/	"2×Piston pump"	"2×Piston pump"
Rated flow of main pump	L/min	2×360	2×360
Main safety valve pressure	MPa	31.4/34.3	34.3/37
Travel system pressure	MPa	34.3	34.3
Swing system pressure	MPa	28.4	31
Pilot system pressure	MPa	3.9	3.9

Oil Capacity	unit	XE470D	XE490DK
Fuel tank	L	725	6670
Hydraulic tank capacity	L	430	2900
Engine oil capacity	L	38	2.5

Standard	unit	XE470D	XE490DK
Length of boom	mm	6670	6670
Length of arm	mm	2900	2900
Bucket capacity	m ³	2.5	2.5

Appearance size	unit	XE470D	XE490DK
A Overall length	mm	11670	11805
B Overall width	mm	3582	3582
C Overall height	mm	3890	3890
D Width of platform	mm	2995	3095
E Track length	mm	5353	5353
F Overall width of chassis	mm	3582	3582
G Track width	mm	600	600
H Wheel base of crawler	mm	4292	4292
I Track gauge	mm	2750	2750
J Counterweight clearance	mm	1324	1324
K Min. ground clearance	mm	519	519
L Min. tail swing radius	mm	3685	3800
M Track height	mm	1198	1198

Working scope	unit	XE470D	XE490DK
A Max. digging height	mm	9855	9855
B Max. dumping height	mm	6890	6890
C Max. digging depth	mm	7000	7000
D Maximum depth cut for 2240mm(8 ft) level bottom	mm	6900	6900
E Max. vertical wall digging depth	mm	4500	4500
F Max. digging radius	mm	10855	10855
G Min. swing radius	mm	4580	4580

