



## **XR220DII ROTARY DRILLING RIG**



## XCMG XR220D-II MAIN SPECIFICATIONS

1	Max. drilling dia meter	mm	∅2000
2	Max drilling depth	m	67
3	Luffing working scope	mm	4015~4910
4	Overall dimension in working condition	mm	10260×4400×22619
5	Overall dimension in working condition	mm	16355×3500×3510
6	Overall weight	t	72.3
7	Engine	Model	/ CUMMINS QSL-325
		Rated power/ rotary speed	kW 242 / (2100r/min)
8	Hydraulic system	Main pump max working pressure	MPa 35
		Vice pump main working pressure	MPa 28
9	Rotary	Rotary max. output torque	kN.m 220
		Rotary speed	rpm 7~22
10	Crowd winch	Max. pushing force	kN 250
		Max. pulling force	kN 250
		Stroke	mm 15000
11	Main winch	Max. Pulling force	kN 230
		Max. winching speed	m/min 70
		Rope dia. meter	mm 30
12	Auxiliary winch	Max. pulling force	kN 80
		Max. winching speed	m/min 60
		Rope. dia meter	mm 20
13	Mast Rake	LEFT/RIGHT	° 4 / 4
		FORWARD/REAR	° 5 / 15
14	Working Platform	Slewing angle	° 360
15	Walking	Max. walking speed	km/h 1.5
		Max. climbing speed	% 35
16	Crawler	Creeper tread width	mm 800
		Max. total width of creeper tread	mm 3500~4400
		longitudinal center distance	mm 4624



**XCMG XR 220D-II MAIN COMPENANTS**

MAIN PARTS	MANUFACTURER
Engine	CUMMINS
Hydraulic main pump	Rexroth
Hydraulic main valve	Rexroth
Hydraulic motor of unit head	Rexroth
Pilot control handle	Rexroth
Main winch and traveling reducers (including motor)	Rexroth
Auxiliary winch reducer (including motor)	Dagang
Slewing reducer (including motor)	Rexroth
Balancing valve	Rexroth
Controller	Rexroth
Solenoid valve	ARGO/Hawe
Joint	Eaton
Hydraulic hose	Manuli
Unit head bearing	FAG
Unit head reducer	BONFIGLIOLI
Unit head seal	FREUDENBERG
Electrical box	RITTAL
Relay	HELLA/ PHOENIX