



XR280DII ROTARY DRILLING RIG





XCMG XR 280D-II MAIN SPECIFICATIONS

1	Max. drilling dia meter		mm	∅2200
2	Max drilling depth		m	73
3	Luffing working scope		mm	4410~4950
4	Overall dimension in working condition		mm	10770×4800×23000
5	Overall dimension in working condition		mm	17380×3500×3573
6	Overall weight		t	92
7	Engine	Model	/	CUMMINS QSM11-C400
		Rated power/ rotary speed	kW	298 / (2100r/min)
8	Hydraulic system	Main pump max working pressure	Mpa	35
		Vice pump main working pressure	Mpa	30
9	Rotary	Rotary max. output torque	kN.m	280
		Rotary speed	rpm	7~22
10	Crowd winch	Max. pushing force	kN	250
		Max. pulling force	kN	300
		Stroke	mm	15000
11	Main winch	Max. Pulling force	kN	260
		Max. winching speed	m/min	60
		Rope dia. meter	mm	32
12	Auxiliary winch	Max. pulling force	kN	80
		Max. winching speed	m/min	65
		Rope. dia meter	mm	20
13	Mast Rake	LEFT/RIGHT	°	4 / 4
		FORWARD/REAR	°	5
14	Working	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	3500~4800
		longitudinal center distance	mm	5175



XCMG XR 280D-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