

**XR220D**

Technical Specifications

Project	Unit	Parameter
Max.Drilling Diameter		
Uncased	(mm)	φ2000
Cased	(mm)	φ1700
Max.Drilling Depth	(m)	80
Dimension		
Working condition L × W × H	(mm)	10260×4400×22120
Transportation condition L × W × H	(mm)	16355×3500×3510
Overall Drilling Weight	(t)	70
Engine		
Model	-	CUMMINS QSL-325
Rated Power	(kW)	242/2100
Hydraulic System		
Working pressure	(MPa)	35
Rotary Drive		
Max. output torque	(kN.m)	220
Rotary speed	(r/min)	7~22
Spin off speed	(r/min)	90
Pull-Down Cylinder		
Max.pull-down piston push	(kN)	200
Max.pull-down piston pull	(kN)	200
Max.pull-down piston stroke	(mm)	5000
Main Winch		
Max.pulling force	(kN)	230
Max. single-rope speed	(m/min)	70
Diameter of the steel wire rope	(mm)	30
Auxiliary Winch		
Max. Pulling force	(kN)	80
Max. single-rope speed	(m/min)	60
Diameter of the steel wire rope	(mm)	20
Drilling mast		
Left/right inclination of mast	(°)	42/64
Front inclination of mast	(°)	5
Rotary table slewing angle	(°)	360
Traveling		
Max. traveling speed	(km/h)	1.5
Max.grade ability	(%)	35
Crawler		
Track shoe width	(mm)	800
Distance between tracks	(mm)	3250~4400
The length of crawler	(mm)	5715
Average ground pressure	(kPa)	90