



XR280D

TECHNICAL SPECIFICATIONS

Project	Unit	Parameter
Max. Drilling Diameter		
Uncased	(mm)	φ2500
Cased	(mm)	φ2200
Max. Drilling Depth	(m)	88
Dimension		
Working condition L × W × H	(mm)	10770×4800×23146
Transportation condition L × W × H	(mm)	17380×3500×3520
Overall Drilling Weight	(t)	83
Engine		
Model	-	CUMMINS QSM11-C400
Rated Power	(kW)	298/2100
Hydraulic System		
Working pressure	(MPa)	35
Rotary Drive		
Max. output torque	(kN.m)	280
Rotary speed	(r/min)	6~22
Spin off speed	(r/min)	90
Pull-Down Cylinder		
Max. pull-down piston push	(kN)	210
Max. pull-down piston pull	(kN)	220
Max. pull-down piston stroke	(mm)	6000
Crowd Winch		
Max. pull-down piston push	(kN)	210
Max. pull-down piston pull	(kN)	220
Max. pull-down piston stroke	(mm)	6000
Main Winch		
Max. pulling force	(kN)	260
Max. single-rope speed	(m/min)	60
Diameter of the steel wire rope	(mm)	32
Auxiliary Winch		
Max. Pulling force	(kN)	80
Max. single-rope speed	(m/min)	65
Diameter of the steel wire rope	(mm)	20
Drilling mast		

Left/right inclination of mast	(°)	42464
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)	3500~4800
The length of crawler	(mm)	5052
Average ground pressure	(kPa)	102