



Technical Specifications

Project	Unit	Parameter
Max. Drilling Diameter		
Uncased	(mm)	φ1800
Cased	(mm)	φ1500
Max. Drilling Depth	(m)	60
Dimension		
Working condition L × W × H	(mm)	8350×4200×20480
Transportation condition L × W × H	(mm)	14255×2960×3450
Overall Drilling Weight	(t)	56
Engine		
Model	-	CUMMINS QSB6.7-C260
Rated Power	(kW)	194/2200
Hydraulic System		
Working pressure	(MPa)	35
Rotary Drive		
Max. output torque	(kN.m)	180
Rotary speed	(r/min)	7~27
Spin off speed	(r/min)	102
Pull-Down Cylinder		
Max. pull-down piston push	(kN)	160
Max. pull-down piston pull	(kN)	180
Max. pull-down piston stroke	(mm)	5000
Main Winch		
Max. pulling force	(kN)	180
Max. single-rope speed	(m/min)	65
Diameter of the steel wire rope	(mm)	28
Auxiliary Winch		
Max. Pulling force	(kN)	50
Max. single-rope speed	(m/min)	70
Diameter of the steel wire rope	(mm)	16
Drilling mast		
Left/right inclination of mast	(°)	42/32
Front inclination of mast	(°)	5
Rotary table slewing angle	(°)	360
Traveling		
Max. traveling speed	(km/h)	2.3
Max. grade ability	(%)	35
Crawler		
Track shoe width	(mm)	700
Distance between tracks	(mm)	2960~4200
The length of crawler	(mm)	5140
Average ground pressure	(kPa)	93.6