



Technical Specifications

Project	Unit	Parameter
Max. drilling diameter	mm	φ1300
Max. drilling depth	m	38(4-section of friction) (standard) 48(5-section of friction) (optional) 38(4-section of mechanical interlock) (optional)
Safe operation range(from rotarying centre)	mm	3150~3550
Dimension		
Working condition L × W × H	mm	7122 × 4200 × 17250
Transportaion condition L × W × H	mm	12300 × 3200 × 3060
Overall drilling weight(drilling tools not included)	t	45.5
Engine		
Engine model		CUMMINS B5.9-C
Engine rated power/rotary speed	kW	133 /2000r/min
Max. Torque of engine	N.m	553 /1500r/min
Hydraulic system		
Max. pressure	Mpa	32
Rotary drive		
Max.output torque	kN.m	150
Rotary speedRotary speed	rpm	6~28
Pull-Down clinder		
Max. pull-down piston push	kN	120
Max. pull-down piston pull	kN	160
Max. pull-down piston stroke	mm	3500
Main winch		
Max. pulling force	kN	145
Max. wire speed	m/min	75
Wire diameter	mm	26
Auxiliary winch		
Max. pulling force	kN	50
Max. wire speed	m/min	70
Wire diameter	mm	16
Mast		
Left/ right Side	°	43527
Forwards	°	5
Slewing bearing		
Slewing bearing angle	°	360
Runing		
Max. complete device running speed	km/h	3.2
Max. complete device grade ability	%	40
Track		
Track width	mm	800
Outside width(min-max)	mm	3200~4200
Distance between two wheels longitudinally	mm	3843
Average grouning specific pressure	KPa	70.5