

FORWARD

FORWARD RC2 Mobile Water Well Drilling Rig

Main Features:

- Capable of a maximum diameter drilling hole of 350mm
- Capable of a maximum drilling depth of up to 270 meters
- Capable of utilizing 3 drilling methods using Drilling Fluids (Mud), Air Drilling and DTH Drilling
- Maximum Hoist capacity of 62Kn
- Maximum spindle torque of 3500 Nm
- Capable of using 2" - 3.5" Drill Rods
- Operates using Full Hydraulic Drive for a smoother and more reliable Drilling procedure
- Hydraulic System using the highest quality components
- Equipped with a reliable, easy to operate, Height Adjustable rod clamping system
- Equipped with a faster rod feed and lifting system to reduce drilling time
- Reliable and strong Foldable Mast
- High speed manoeuvrability
- Easy Set Up



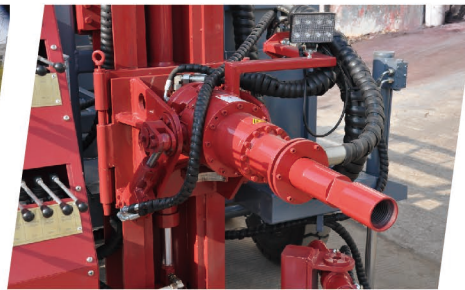
MADE BY FORWARD

Available Applications:

- Direct/Reverse Circulation Mud Drilling
- Direct/Reverse Circulation Air Drilling
- DTH Drilling



Foldable mast capable of lifting up to 6 meter length Drill Rod



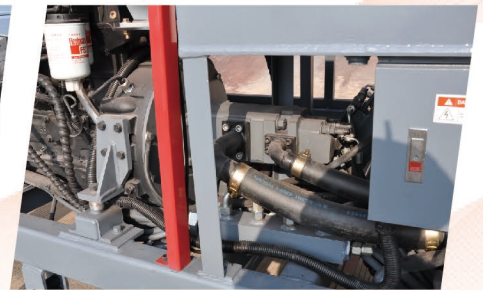
Tilt power head ensures easier and safer loading of Drill Rods



Powerful power head, top-drive rod system and big diameter core water swivel



Strong carriage chassis



High quality and reliable hydraulic system



Well positioned operating panel for easier operation



Utilises a Rod Box system for a tidier operation



Equipped with Mud Pump or Air Compressor options



Large capacity hoist of 62Kn



Height adjustable clamping system

Technical characteristics

Track		
Mobilization speed	50 km/hr	
Diesel Engine		
Model	CUMMINS 4BT turbo-charged	
Power	60 Kw	
Cooling System	Water cooling	
Rotation Speed	2200 Rpm	
Number of Cylinders / Ccapacity	4 / 3.9 L	
Fuel Tank Capacity	135 Liters	
Drilling capabilities		
2-7/8” drill rod	270 Meters	
3- 1/2” drill rod	210 Meters	
Mast Specifications:		
Mast Height	6.67 m	
Power Stroke / Power head travelling Distance	2 600 mm	
Stroke / Mast Slip	500 mm	
Applicable Drill Rod	50-102mm Diameter,2 Meters Length	
Power Head Push & Pull Capabilities		
Maximum Hoist Capacity (UP)	62 kN	
Maximum Hoist Capacity (DOWN)	23 kN	
Maximum Hoisting Speed	33 m/min	
Rotation Specifications		
Rotation Speed	0~100 rpm	3 500 Nm
Adjusting Mast Angle	0-90°	
Top Crane Hoist Capacity		
Maximum Hoist Capacity	23 kN	
Steel Wire Rope Diameter	10 mm	
Steel Wire Rope Length	22 m	
Untwisting System Specifications		
Applicable Drill Rod	50-102 mm	
Maximum Torque	16 000 Nm	
Unit Dimensions & weight		
Dimensions (Operating)	5 104 x 2 200 x 6 677 mm	
Dimension (Mobilization)	5 104 x 2 200 x 2 446 mm	
Weight	4 300 kg	

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