

TDS

Fully Hydraulic Core Drilling Rig



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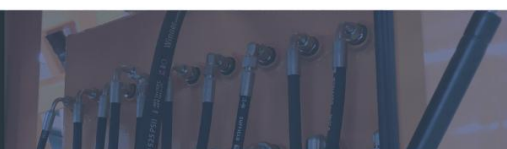
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COMPANY PROFILE

Welcome to Beijing The Drill Store Machinery Equipment Co., Ltd. With the diversification of the business field, we provide total solutions that fulfill customers' needs at every job site.

We firmly believe that "only focus can lead to professionalism". Our company focuses on the manufacturing and application of fully hydraulic core drilling machines for geological exploration holes ranging from 800 meters to 2200 meters. Relying on rich technological accumulation and practical experience, we make high-quality exploration equipment that can be "beaten", "done well", and "used".

With continuous investment in research and development, our company has formed two product series: modular portable drilling rigs and crawler integrated machines. At present, there are various equipment models including CB1000, C1000, C1300, C1800, C2200, and C2500. The equipment is used in many regions of China and exported to Africa, Southeast Asia, Russia, and Mongolia. To meet the maintenance needs of customers for various equipment, our company has established a team of skilled after-sales service engineers and a dedicated after-sales. Spare parts warehouse to provide comprehensive support for domestic and foreign customers.

Through comprehensive analysis and good understanding of consumers' demands, we make every effort to assure customers of the lowest per-meter cost in all aspects from selection of solutions, design of products, purchase of materials, and technology of manufacturing to delivery of products.

CB Series Full Hydraulic Modular Drilling Rig



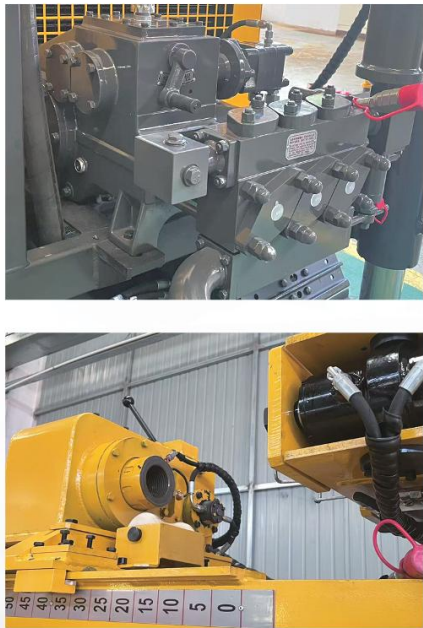
EQUIPMENT PARAMETERS

Drilling Depth					
HTW Rope _(CB300)	HTW Rope _(CB600)	HTW Rope _(CB1000)	NTW Rope _(CB300)	NTW Rope _(CB600)	NTW Rope _(CB1000)
100m	300m	600m	300m	600m	1000m
Engine					
Power		Number of Cylinders	Net Weight		Type/Cooling Method
132kW (4*33kW)		4 Cylinders	120kg		Turbo/Air Cooling
Hydraulic system			Mud Agitator		
Rated working pressure	Load-Sensing Control with		Drive Mode		Speed
20Mpa/Water Cooling	Low Energy Consumption		Hydraulic Motor (Permco)		600-2000rpm
Side-slip Chuck Power Head					
Drive Method	Number of Gears	Speed	Torque	Drill Pipe Length	
Hydraulic Motor (Permco)	2 Gears	1100rpm	2360Nm	1.5m	
Wireline Winch					
Drive Mode	Rope Capacity	Rope Diameter	Lifting Force		Lifting Speed
Hydraulic Motor	1000m	6mm	1t (Empty Drum)		120m/min
Mast					
Lifting and Lowering Method		Feeding Force	Pull-out Force	Drilling Angle	Feeding Stroke
Hydraulic Cylinder		5t	13t	45-90°	2m
Gripper			Mud Pump		
Max. Through Hole Diam.		Max. Through Hole Dia. of Orifice Plate		Max. Flow Rate	Max. Pressure
130mm		175mm		100LPM	6Mpa
Modular					
Engine (Cust. Domestic Option) : CB300 Engine *2 (Kubota) / CB600 Engine *3 (Kubota) / CB1000 Engine *4 (Kubota)					
Other Modules (10) : Operation Panel *1、Hydraulic Oil Station *1、Diesel Battery Box *1、Drill Mast *1、Power Head *1、Cable Winch *1、Mud Pump *1、Chassis Frame *1Mud Tank *2					
Heaviest Module : 180kg					

Attention: Our company reserves the right to optimize the parameters, structure, and accessory usage of the equipment without prior notice.

C1000

Surface Core Drilling Rig



EQUIPMENT PARAMETERS

Drilling Depth						
Drill Pipe		NQ		HQ		PQ
Drilling Depth		800m		500m		300m
Engine						
Model		Power		Speed		Type/Cooling Method
Cummins		93kW		2200rpm		Turbo/Water Cooling
Hydraulic system						
Rated Working Pressure		Main and Auxiliary Pumps		Main Hydraulic Valve		Cooling Method
28Mpa		Danfoss		Taiwan You Li		Air Cooling
Power Head						
Maximum Torque	Maximum Speed	Entering Distance	Promotion Power	Lower Pressure	Drilling Angle	Power Head Motor
2500Nm	1100rpm	3200mm	80KN	25KN	45-90°	Rexroth
Wireline Winch						
Maximum Promotion Power		Rising Speed		Rope Diameter		Rope Length
11KN (hollow drum)		110m/min		6mm		850m
Mast						
Length		Drilling Angle		Slip Distance		
5.5m		45-90°		1.1m		
Gripper		Mud Pump				
Applicable Drill Rods		Model		Maximum Pressure		Maximum Flow Rate
BQ, NQ, HQ, PQ, NTW, HTW		BW180/10		10Mpa		180L/min
Steel Track						
Control Model		Climbing Angle		The Fastest Speed		
Wireless Remote Control		30°		4.5km/h		
Size and Weight						
Transport Size				Gross Weight		
5500 X 1800 X 2400mm				5800kg		

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C1300

Surface Core Drilling Rig



EQUIPMENT PARAMETERS

Drilling Depth						
Drill Pipe		NQ		HQ		PQ
Drilling Depth		1300m		800m		500m
Engine						
Model		Power		Speed		Type/Cooling Method
Cummins		133kW		2200rpm		Turbo/Air Cooling
Hydraulic system						
Rated Working Pressure		Main and Auxiliary Pumps		Main Hydraulic Valve		Cooling Method
28Mpa		Danfoss		Hawe		Air Cooling
Side-slip Chuck Power Head						
Maximum Torque	Maximum Speed	Entering Distance	Promotion Power	Lower Pressure	Drilling Angle	Power Head Motor
4279Nm	1300rpm	3300mm	100KN	40KN	45-90°	Rexroth
Main Winch						
Maximum Promotion Power		Rising Speed		Rope Diameter		Rope Length
68KN (Hollow Drum)		35m/min		16mm		30m
Wireline Winch						
Maximum Promotion Power		Rising Speed		Rope Diameter		Rope Length
11KN (Hollow Drum)		110m/min		7mm		1200m
Mast				Gripper		
Length		Drilling Angle		Slip Distance		Applicable Drill Rods
10m		45-90°		1.1m		BQ, NQ, HQ, PQ
Mud Pump			Steel Track			
Model	Maximum Pressure	Maximum Flow Rate		Control Model	Climbing Angle	The Fastest Speed
BW160/10	10Mpa	160L/min		Wireless Remote Control	30°	2km/h
Size and Weight						
Transport Size				Gross Weight		
5100 X 2300 X 2800mm				8500kg		

Attention: Our company reserves the right to optimize the parameters, structure, and accessory usage of the equipment without prior notice.

C1600

Surface Core Drilling Rig



EQUIPMENT PARAMETERS

Drilling Depth						
Drill Pipe		NQ		HQ		PQ
Drilling Depth		1600m		1000m		700m
Engine						
Model		Power		Speed		Type/Cooling Method
Cummins		179kW		2200rpm		Turbo/Air Cooling
Hydraulic system						
Rated Working Pressure		Main and Auxiliary Pumps		Main Hydraulic Valve		Cooling Method
28Mpa		Danfoss		Hawe		Air Cooling
Side-slip Chuck Power Head						
Maximum Torque	Maximum Speed	Entering Distance	Promotion Power	Lower Pressure	Drilling Angle	Power Head Motor
5500Nm	1300rpm	3500mm	189KN	50KN	45-90°	Rexroth
Main Winch						
Maximum Promotion Power		Rising Speed		Rope Diameter		Rope Length
135KN (Hollow Drum)		49m/min		22mm		36m
Wireline Winch						
Maximum Promotion Power		Rising Speed		Rope Diameter		Rope Length
11KN (Hollow Drum)		120m/min		7mm		1500m
Mast				Gripper		
Length		Drilling Angle		Slip Distance		Applicable Drill Rods
10.5m		45-90°		1.1m		BQ, NQ, HQ, PQ
Mud Pump			Steel Track			
Model	Maximum Pressure	Maximum Flow Rate		Control Model	Climbing Angle	The Fastest Speed
BW320	10Mpa	320L/min		Wireless Remote Control	30°	2km/h
Size and Weight						
Transport Size			Gross weight			
6550 X 2320 X 2720mm			12000kg			

Attention: Our company reserves the right to optimize the parameters, structure, and accessory usage of the equipment without prior notice.

C1800

Surface Core Drilling Rig



EQUIPMENT PARAMETERS

Drilling Depth						
Drill Pipe		NQ		HQ		PQ
Drilling Depth		1800m		1300m		800m
Engine						
Model		Power		Speed		Type/Cooling Method
Cummins		179kW		2200rpm		Turbo/Air Cooling
Hydraulic system						
Rated Working Pressure		Main and Auxiliary Pumps		Main Hydraulic Valve		Cooling Method
31.5Mpa		Danfoss		Hawe		Air Cooling
Side-slip Chuck Power Head						
Maximum Torque	Maximum Speed	Entering Distance	Promotion Power	Lower Pressure	Drilling Angle	Power Head Motor
5800Nm	1300rpm	3300mm	254KN	100KN	45-90°	Rexroth
Main Winch						
Maximum Promotion Power		Rising Speed		Rope Diameter		Rope Length
150KN (Hollow Drum)		83m/min		22mm		36m
Wireline Winch						
Maximum Promotion Power		Rising Speed		Rope Diameter		Rope Length
18KN (Hollow Drum)		480m/min		8mm		1800m
Mast				Gripper		
Length		Drilling Angle		Slip Distance		Applicable Drill Rods
12.7m		45-90°		1.3m		BQ, NQ, HQ, PQ
Mud Pump			Steel Track			
Model	Maximum Pressure	Maximum Flow Rate		Control Model	Climbing Angle	The Fastest Speed
BW320	10Mpa	320L/min		Wireless Remote Control	30°	3km/h
Size and Weight						
Transport Size			Gross Weight			
6562.5 X 2300 X 2975mm			13500kg			

Attention: Our company reserves the right to optimize the parameters, structure, and accessory usage of the equipment without prior notice.

C2200

Surface Core Drilling Rig



EQUIPMENT PARAMETERS

Drilling Depth						
Drill Pipe		NQ		HQ		PQ
Drilling Depth		2200m		1800m		1000m
Engine						
Model		Power		Speed		Type/Cooling Method
Cummins		194kW		2200rpm		Turbo/Air Cooling
Hydraulic system						
Rated Working Pressure		Main and Auxiliary Pumps		Main Hydraulic Valve		Cooling Method
31.5Mpa		Danfoss		Hawe		Air Cooling
Side-slip Chuck Power Head						
Maximum Torque	Maximum Speed	Entering Distance	Promotion Power	Lower Pressure	Drilling Angle	Power Head Motor
6500Nm	1300rpm	3300mm	254KN	100KN	45-90°	Rexroth
Main Winch						
Maximum Promotion Power		Rising Speed		Rope Diameter		Rope Length
200KN (Hollow Drum)		83m/min		22mm		36m
Wireline Winch						
Maximum Promotion Power		Rising Speed		Rope Diameter		Rope Length
18KN (Hollow Drum)		480m/min		8mm		2200m
Mast				Gripper		
Length		Drilling Angle		Slip Distance		Applicable Drill Rods
12.7m		45-90°		1.3m		BQ, NQ, HQ, PQ
Mud Pump			Steel Track			
Model	Maximum Pressure	Maximum Flow Rate		Control Model	Climbing Angle	The Fastest Speed
BW320	10Mpa	320L/min		Wireless Remote Control	30°	3km/h
Size and Weight						
Transport Size			Gross Weight			
6562.5 X 2300 X 2975mm			15000kg			

Attention: Our company reserves the right to optimize the parameters, structure, and accessory usage of the equipment without prior notice.

C2500

Surface Core Drilling Rig



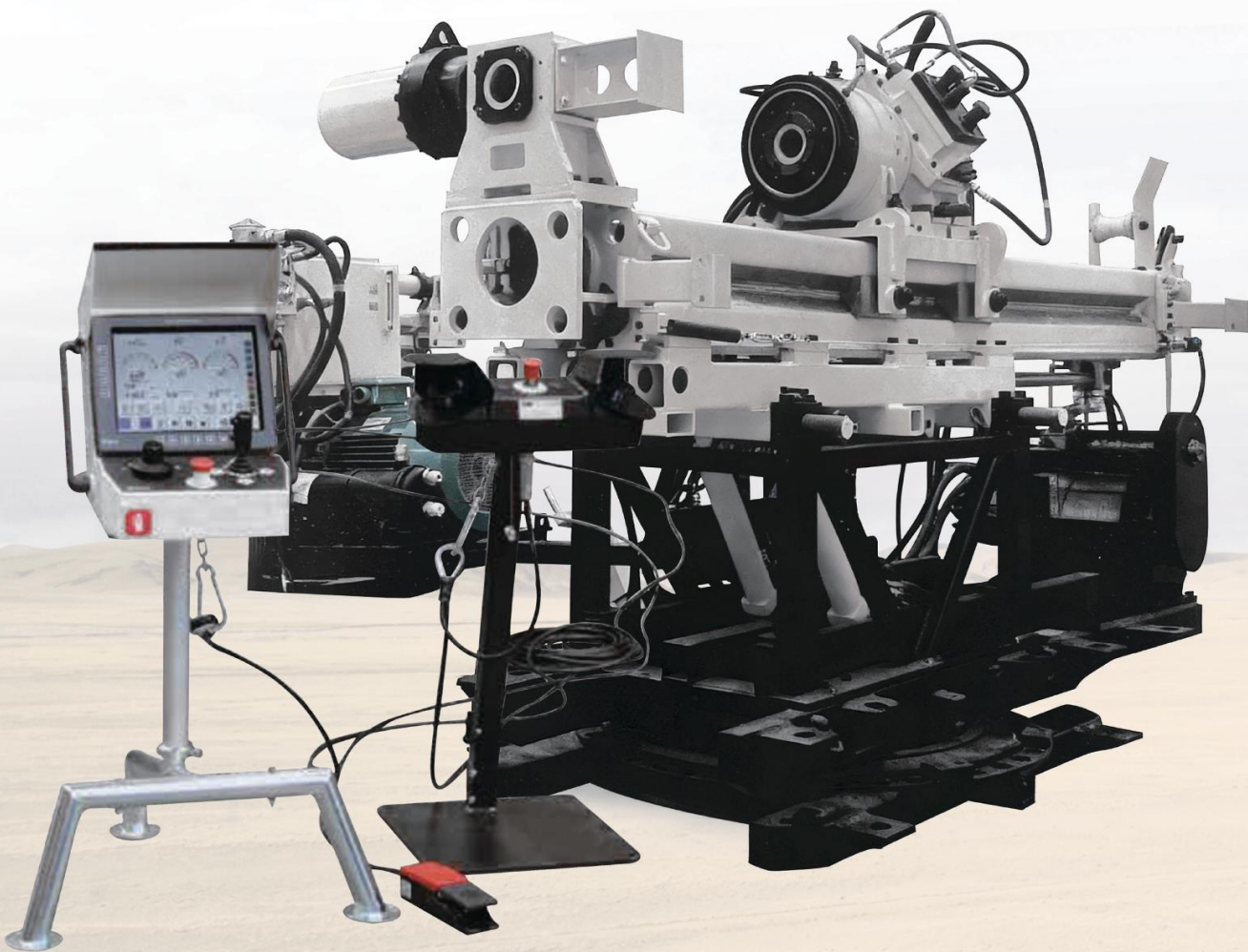
EQUIPMENT PARAMETERS

Drilling Depth						
Drill Pipe		NQ		HQ		PQ
Drilling Depth		2500m		2000m		1000m
Engine					C2500S	
Model	Power	Speed	Type/Cooling Method		Electric Motor Power	
Cummins	239kW	2200rpm	Turbo/Air Cooling		160kW Four-Pole Motor	
Hydraulic system						
Rated Working Pressure		Main and Auxiliary Pumps		Main Hydraulic Valve		Cooling Method
31.5Mpa		Danfoss		Hawe		Air Cooling
Side-slip Chuck Power Head						
Maximum Torque	Maximum Speed	Entering Distance	Promotion Power	Lower Pressure	Drilling Angle	Power Head Motor
9700Nm	1300rpm	3300mm	310KN	125KN	45-90°	Rexroth
Main Winch						
Maximum Promotion Power		Rising Speed		Rope Diameter		Rope Length
210KN (Hollow Drum)		83m/min		22mm		42m
Wireline Winch						
Maximum Promotion Power		Rising Speed		Rope Diameter		Rope Length
25KN (Hollow Drum)		480m/min		8mm		2500m
Mast					Gripper	
Length		Drilling Angle		Slip Distance		Applicable Drill Rods
13m		45-90°		1.7m		BQ, NQ, HQ, PQ
Mud Pump			Steel Track			
Model	Maximum Pressure	Maximum Flow Rate	Control Model	Climbing Angle	The Fastest Speed	
BW400	10Mpa	400L/min	Wireless remote control	30°	3km/h	
Size and Weight					C2500S	
Transport Size			Gross Weight		Gross Weight	
7700 X 2300 X 3240mm			17500kg		17900kg	

Attention: Our company reserves the right to optimize the parameters, structure, and accessory usage of the equipment without prior notice.

U6

Full-Hydraulic Tunnel Core Drilling Rig



EQUIPMENT PARAMETERS

Drilling Depth				
NQ(71mm)		600m (Downward)	500m (Horizontal)	500m (Upward)
HQ(89mm)		350m (Downward)	300m (Horizontal)	300m (Upward)
Engine				
Power		Speed		
75KW		1485rpm		
Hydraulic system				
Rated Working Pressure		Cooling Method		
26Mpa		Water Cooling		
Power Head				
Maximum Torque	Maximum Speed	Entering Distance	Through-Hole Diameter	Lifting Force/Feeding Force
1030Nm	1140rpm	1800mm	97mm	65KN/65KN
Wireline Winch				
Maximum Lifting Force	Rising Speed		Rope Diameter	Rope Length
10KN (Hollow Drum)	100m/min		6mm	800m
Mast				
Length	Drilling Angle		Slip Distance	
3.3m-5.8m	-90°-90°		1.1m	
Gripper				
Applicable Drill Rods				
NQ, HQ				
Transport Size				
Main Unit	Power Unit		Console Unit	
3700x1790x2160mm	2980x1210x1560mm		785x680x950mm	
Weight				
Operation Console	Power Unit		Main Unit	
200kg	1500kg		2600kg	

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Diamond Core Bit

Casing Shoe



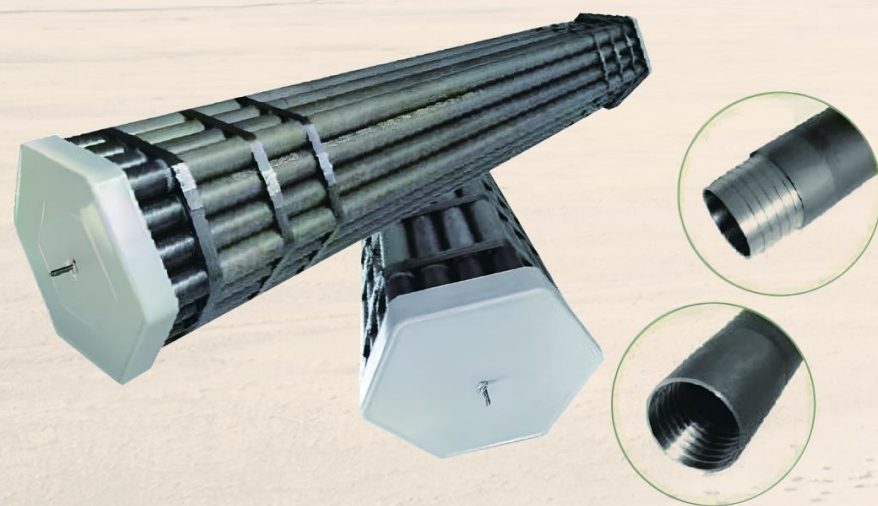
Diamond Reaming Shells



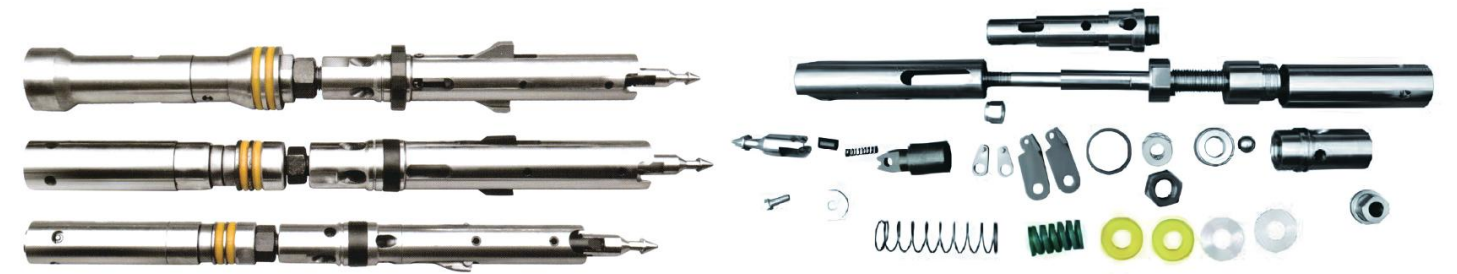
Subs



Water Swivel



Drill Rod



Head Assembly



Q3/B Core Barrels Kit



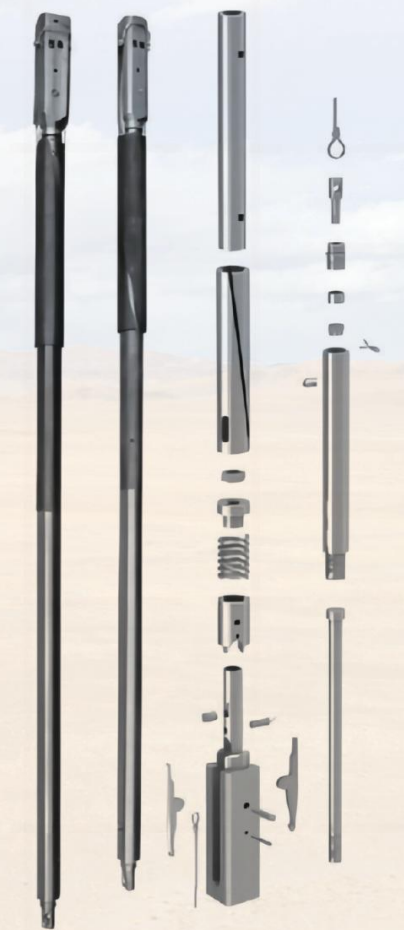
Inner Tube Stabilizer Landing Ring



Inner-tube/Outer-tube Wrench



Wrench



Overshot Assembly

Construction Case

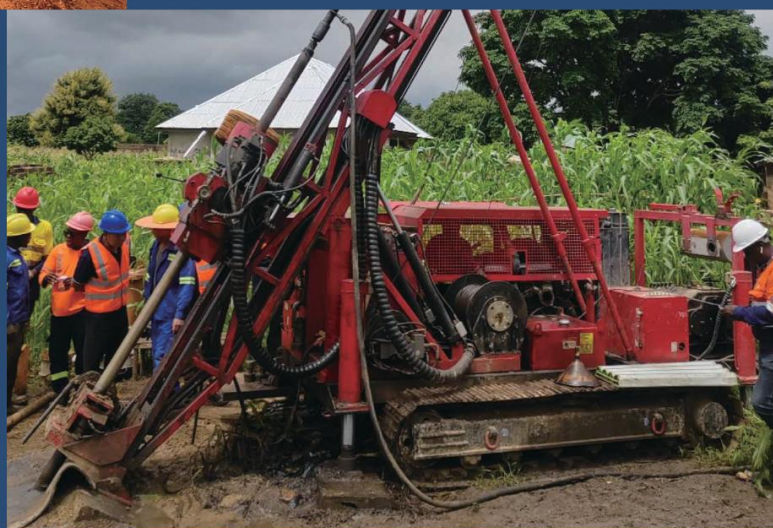


Equipment Range:

From the C1000 to the C2500 series, it fully meets diverse drilling depth, hole diameter, and geological condition requirements, enabling global resource exploration with stable performance.

Coverage Areas:

Project types include diversified scenarios such as coal mining, gold mining, lithium mining, and geological exploration.



Global Layout:

Equipment is exported to resource-rich regions such as Indonesia, Ghana, Mali, Angola, Zimbabwe, Russia, Mongolia, and Kyrgyzstan, standing the test of complex geological and climatic conditions.



C1300 in Indonesia Coal Mine Project: With a 78° inclination angle and 89mm hole diameter, it achieves a 760-meter hole depth, demonstrating deep-hole drilling capability.

C1800 in Mongolia Project: With a 90° vertical angle and 89mm hole diameter, the deepest hole breaks through 1258 meters, and the average monthly footage exceeds 1700 meters, highlighting efficient deep-hole exploration capability.





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