



CHANGSHA DTH DRILL CONSTRUCTION MACHINERY CO.,LTD.



WHATSAPP



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UNDERGROUND EXPLORATION DRILLING RIG

CHANGSHA DTH DRILL CONSTRUCTION MACHINERY CO., LTD

The King of Drilling Rigs , Make Drilling Simple

ABOUT CSDRILL GROUP

The King of Drilling Rigs, Make Drilling Simple



Changsha CSDRILL Group was established in June 2021 as a comprehensive service provider specializing in mining rigs and drilling tools. One of the company's founders is Professor Zhao Mingchun from Central South University, who has been recognized by Stanford University as one of the top 2% scientists in the world for three consecutive years (2022, 2023, and 2024). Under the leadership of Professor Zhao Mingchun, Changsha CSDRILL Group focuses on research in the field of "development and construction of high-performance, high-quality metal materials for extreme environments." This includes research directions such as "heat treatment processes and technologies for high-performance wear-resistant materials in mining machinery," "hydrogen embrittlement, hydrogen-induced delayed fracture, and fatigue properties of high-strength steels," and "preparation, key control processes, and microstructure and performance regulation of ultra-high-strength steels." The company maintains close scientific collaborations with renowned research institutions, including the Institute of Metal Research of the Chinese Academy of Sciences and the University of Queensland in Australia, and jointly trains master's and doctoral students, following a path of integrated industry-academia-research development.

Changsha CSDRILL Group has factories in Xiangtan, Yueyang, Yiyang, and Linyi, with its global sales office located on the entire 13th floor of Building T2 in Changsha Greenland Intercity Space Station. The company's CSDRILL brand products, including reverse circulation drills, core drills, multi-function drills (reverse circulation/core/water well), blasting drills, water well drills, tunnel drills, and drilling tools, are exported to over 80 countries and serve more than 100 mines worldwide.

The products of Changsha CSDRILL Group are suitable for various types of mines, with a focus on drilling solutions for gold, copper, bauxite, coal, and stone mines. They are widely adaptable to harsh environments such as plateaus, permafrost, and rainy regions. The company provides one-stop drilling solutions for exploration, blasting, mining, oil wells, slope protection, anchoring, tunneling, and pile foundation construction (including solar energy applications).

Changsha CSDRILL Group is committed to becoming the king of drilling rigs, making drilling simple!

Welcome to visit our factory!

BUSINESS AND PRODUCTION

01

Our global sales headquarters is strategically located on the 13th floor of the Greenland Changsha Intercity Space Station T2 building.

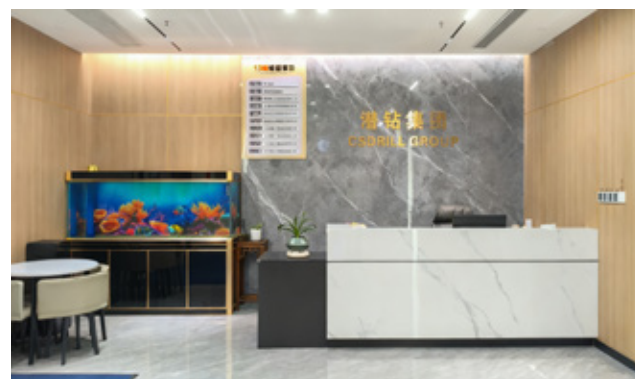
02

CSDRILL Group operates state-of-the-art manufacturing facilities in Xiangtan, Yueyang, Yiyang, and Linyi.

潜钻集团 CSDRILL GROUP



01 Sales Headquarters



02 Manufacturing Factory (Drilling Rig)



02 Manufacturing Factory (Drilling Tools)



ENTERPRISE STRENGTH



Top 2% Global Scientists

2022、2023 and 2024 Top 2% Global Scientists Selected by Stanford University in the United States.



20+Yrs Experience

20+ years of production experience of DTH drilling tools.



One-stop Solution

water well drilling machines, coring drilling machines, reverse circulation drilling machines, tunnel drilling machines, and drilling tools.



Key Projects in Hunan

The new factory is a key project in Hunan Province.



3A Credit Certification

Certifies 3A credit by People's Bank of China.



School enterprise cooperation

Research and development team of School of Materials Science and Engineering, Central South University.



BUSINESS SCOPE



80⁺

CSDRILL Group's drilling rigs and drilling tools are exported to more than 80 countries and can fully adapt to a variety of extreme climatic and geographical conditions such as permafrost, plateau altitude, and tropical rainy season.

100⁺

CSDRILL Group providing one-stop drilling service solutions for more than 100 gold mines, copper mines, bauxite mines and other mines.



The King of Drilling Rigs
Make Drilling Simple



Own Factory

20 years of experience in professional drilling rig R&D and manufacturing.



Customized

A variety of drilling rigs can be customized, including core drilling rigs, reverse circulation drilling rigs, blasting drilling rigs, tunnel drilling rigs, water well drilling rigs, etc.



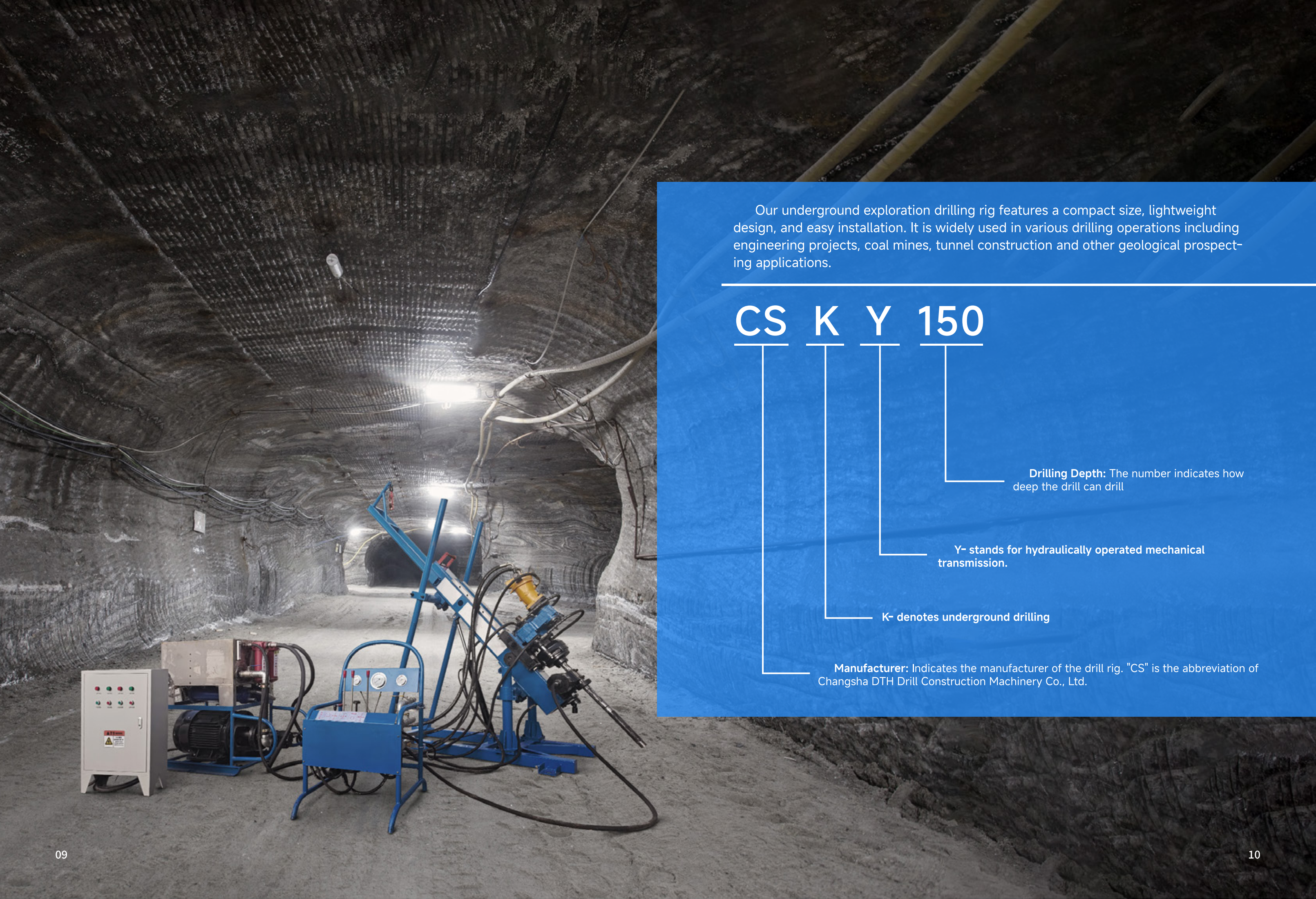
Production Line

We have a dedicated production and processing line, which is equipped with several CNC machine tools and advanced guide rail grinders, large gantry planers, vertical machining centers, horizontal machining centers and welding robots.



Technical Support

We are online 24 hours a day to provide professional drilling rig knowledge answers and any consulting services.



Our underground exploration drilling rig features a compact size, lightweight design, and easy installation. It is widely used in various drilling operations including engineering projects, coal mines, tunnel construction and other geological prospecting applications.

CS K Y 150

Drilling Depth: The number indicates how deep the drill can drill

Y- stands for hydraulically operated mechanical transmission.

K- denotes underground drilling

Manufacturer: Indicates the manufacturer of the drill rig. "CS" is the abbreviation of Changsha DTH Drill Construction Machinery Co., Ltd.

A. What is Underground Exploration Drilling Rig?

A Underground Exploration Drilling Rig refers to specialized drilling equipment used in geological exploration projects for borehole advancement within underground mine tunnels. It is primarily employed in roadway operations for conducting deep geological prospecting, implementing gas drainage systems, performing grouting/drainage operations, and establishing ventilation channels.

The Underground Exploration Drilling Rig is a machine that drills holes on the working surface of the ore body and takes out the core through rotary drilling.

The motor rotates to drive the oil pump to discharge high-pressure oil, which is centrally controlled by the multi-way reversing valve on the operating table to supply oil to the chuck cylinder to realize the function of the power head clamping the drill rod; supply oil to the motor to drive the motor to rotate to realize the rotation of the power head; and supply oil to the main cylinder to realize the feeding action.

B. Composition of The Underground Exploration Drilling Rig

The Underground Exploration Drilling Rig is divided into four main parts: the main engine part, the power car part, the control panel part, and the power distribution cabinet part, which are connected by high-pressure hoses or cables.



1. The main engine part is the main part of the drilling rig, which mainly consists of three parts: the feed frame assembly, the power head assembly, and the clamp assembly.
2. The power car part is composed of the oil tank cooling, filtering device, motor, and oil pump drive device. The motor rotates to drive the oil pump to work, and the high-pressure oil is generated through the centralized control of the operating console to reach each actuator to drive the actuator to work. The return oil is then filtered through the return oil filter of the oil tank, cooled by the tube cooler, and returned to the oil tank again. Through the stability and precipitation of the oil tank, it is sucked into the oil pump again to discharge the high-pressure oil.
3. The main body of the control panel part is the multi-way reversing valve, which is the control part of the fully hydraulic tunnel drilling rig and the central system. By pushing the handle, high-pressure oil is distributed to the actuator. If the oil pump that provides the power source is the heart, then the multi-way reversing valve is like the brain. From the

perspective of high-pressure oil distribution and function realization, the multi-way reversing valve of the tunnel drilling rig is like both the brain and the heart.

4. The power distribution cabinet controls the start and stop of the main motor of the drilling rig and the mud pump motor. Strictly speaking, it should be called the starting cabinet.

C. Advantages of Underground Exploration Drilling Rig

1. Low cost

Compared with tunnel excavation, the cost is reduced by 5 to 15 times. Some tunnel projects are replaced by tunnel drilling to control and trace horizontal and deep ore bodies and ore-bearing belts, thereby accelerating the speed of survey and exploration, improving construction conditions and reducing costs. Practice has proved that tunnel drilling combined with tunnel excavation for ore deposit survey and exploration provides a faster, better and cheaper way.

2. High efficiency

Compared with tunnel excavation, the efficiency is 2 to 8 times higher.

3. Core

The core sampling rate of relatively complete terrain is more than 85%, which meets the engineering quality requirements.

D. Underground Exploration Drilling Rig Accessories



Core Barrel



Head Assembly



Inner And Outer Tube



Core Lifter, Core Lifter Case
Stop Ring, Landing Ring
And Inner Tube Stabilizer



Adapter Coupling
And Locking Coupling



Core Drill Bit
And Reamer



Over Shot



Core Drill Pipe



Mud Pump



Fishing Tools



Wrenches



Sub Adaptors

CSKY150

Product Features:

- 1. Small size, light weight, easy installation.
- 2. Hollow shaft design, the drill rod length is not limited by the drilling rig feed stroke. It can drill at any inclination of 360°
- 3. The drilling rig is flexible in layout, and the drill rod is mechanically twisted and unloaded, which reduces the labor intensity of workers and improves work efficiency.
- 4. It can be put into production in the original transportation and prospecting tunnels, which protects the overall structure of the mine. It can also be used for 0-90 degree drilling on the surface.
- 5. Good disassembly and convenient relocation and transportation. Φ33-Φ43 drill rods can be used in the same machine, and replacement only takes 15 minutes.
- 6. Special customized oil temperature cooler, high-pressure oil cooling fast, low temperature use, can protect the service life of motors, oil pumps, and rubber seals.



Specification Parameter

Model/Item	CSKY150		
Drilling Angle	Tunnel 0-360°		Ground Surface 0-90°
Drilling Depth	Φ33 mm-150m		
	Φ43 mm-110m		
Spindle Speed	400-1400 rpm (manual continuously variable speed)		
Spindle Output Torque	100-350 N.m		
Rated Feed Force	38 Kn		
Feed Stroke	750 mm		
Oil Pump Motor	MN2-225S-4	380V/18.5KW	
Water Pump Motor	MN2-132S-4	380V/3KW	
Motor/Oil Pump Model	L6V55, CBF-F 50-10		
Hydraulic System	Max. Tank Capacity: 150 L		System Pressure: 160 bar
Water System	3W-70 Water Pump	Max. Flow Rate: 70 L/min	Rated Pressure: 2.94 MPa
Host Weight	166 kg (Decomposable)		
Host Dimensions	1800x400x300 mm		
Operation Desk Weight	60 kg		
Operation Desk Dimensions	610x1050x530 mm		
Power car Weight	210 kg (Decomposable)		
Power car Dimensions	1140x1010x560 mm		

Drilling Tool Parameters

A:

DZ-60 Geological Drill Pipe	Φ33×1500 mm
Double Tube Single-Action Core Barrel	Φ35×1700 mm
Diamond Drill Bits	Φ36.5 mm (BQ)
Diamond Reamer	Φ37 mm

B:

DZ-60 Geological Drill Pipe	Φ43×1500 mm
Double Tube Single-Action Core Barrel	Φ45×1500 mm
Diamond Drill Bit	Φ46.5 mm
Diamond Reamer	Φ47 mm

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CSKY200

Product Features:

- 1. Small size, light weight, easy installation.
- 2. Hollow shaft design, the drill rod length is not limited by the drilling rig feed stroke. It can drill at any inclination of 360°
- 3. The drilling rig is flexible in layout, and the drill rod is mechanically twisted and unloaded, which reduces the labor intensity of workers and improves work efficiency.
- 4. It can be put into production in the original transportation and prospecting tunnels, which protects the overall structure of the mine. It can also be used for 0-90 degree drilling on the surface.
- 5. Good disassembly and convenient relocation and transportation. Φ33-Φ43 drill rods can be used in the same machine, and replacement only takes 15 minutes.
- 6. Special customized oil temperature cooler, high-pressure oil cooling fast, low temperature use, can protect the service life of motors, oil pumps, and rubber seals.



Specification Parameter

Model/Item	CSKY200	
Drilling Angle	Tunnel 0-360°	Ground Surface 0-90°
Drilling Depth	Φ55.5 mm-100m	
	Φ43 mm-120m	
Spindle Speed	400-1400 rpm (manual continuously variable speed)	
Spindle Output Torque	100-400 N.m	
Rated Feed Force	38 Kn	
Feed Stroke	750 mm	
Oil Pump Motor	MN2-225S-4	380V/22KW
Water Pump Motor	60 holes-BQ MN2-132S-4 380V/11KW, 47 holes MN2-132S-4 380V/4KW	
Motor/Oil Pump Model	L6V55, CBF-F 50-10	
Hydraulic System	Max. Tank Capacity: 150 L	System Pressure: 160 bar
Water System	60 holes-BQ: BW-160 Mud Pump	47 holes: 3W-120 Water Pump
Host Weight	238 kg (Decomposable)	
Host Dimensions	1800x400x300 mm	
Operation Desk Weight	60 kg	
Operation Desk Dimensions	610x1050x530 mm	
Power car Weight	288 kg (Decomposable)	
Power car Dimensions	1140x1010x560 mm	

Drilling Tool Parameters

A:

850-T Geological Drill Pipe	Φ55.5×1500 mm
Wireline Coring Core Barrel	Φ58×1700 mm
Diamond Drill Bits	Φ60 mm (BQ)
Diamond Reamer	Φ36 mm

B:

DZ-60 Geological Drill Pipe	Φ43×1500 mm
Double Tube Double-Action Core Barrel	Φ45×1500 mm
Diamond Drill Bit	Φ46.5 mm
Diamond Reamer	Φ47 mm

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CSKY300

Product Features:

- 1. Small size, light weight, easy installation.
- 2. Hollow shaft design, the drill rod length is not limited by the drilling rig feeding stroke. It can drill at any inclination of 360°
- 3. The drilling rig is flexible in layout, and the drill rod can be mechanically twisted and unloaded, which reduces the labor intensity of workers and improves work efficiency.
- 4. It can be put into production in the original transportation and prospecting tunnels, which protects the overall structure of the mine. It can also be used for 0-90 degree drilling on the surface.
- 5. Good disassembly and convenient relocation and transportation. φ43-φ55.5 drill rods can be used with the same machine, and it only takes 15 minutes to replace.
- 6. 60 holes can be cored with 360-degree ropes, and the work efficiency is nearly doubled compared with ordinary double pipes, reducing labor intensity.



Specification Parameter

Model/Item	CSKY300		
Drilling Angle	Tunnel 0-360°	Ground Surface 0-90°	
Drilling Depth	Φ33 mm-300m		
	Φ43 mm-270m		
Spindle Speed	300-1100 rpm (manual continuously variable speed)		
Spindle Output Torque	150-400 N.m		
Rated Feed Force	43 Kn		
Feed Stroke	750 mm		
Oil Pump Motor	MN2-225S-4	380V/37KW	
Water Pump Motor	MN2-132S-4	380V/5.5KW	
Motor/Oil Pump Model	L6V80, CBF-F 71-16		
Hydraulic System	Max. Tank Capacity: 150 L	System Pressure: 160 bar	
Water System	BW-80W	Max. Flow Rate: 80 L/min	Rated Pressure: 2.94 MPa
Host Weight	275 kg (Decomposable)		
Host Dimensions	1850x450x350 mm		
Operation Desk Weight	60 kg		
Operation Desk Dimensions	610x1050x530 mm		
Power car Weight	470 kg (Decomposable)		
Power car Dimensions	1180x1110x660 mm		

Drilling Tool Parameters

A:

DZ-60 Geological Drill Pipe	Φ33×1500 mm
Double Tube Double-Action Core Barrel	Φ35×1500 mm
Diamond Drill Bits	Φ36.5 mm
Diamond Reamer	Φ37 mm

B:

DZ-60 Geological Drill Pipe	Φ43×1500 mm
Double Tube Double-Action Core Barrel	Φ45×1500 mm
Diamond Drill Bit	Φ46.5 mm
Diamond Reamer	Φ47 mm

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CSKY400

Product Features:

- 1. Small size, light weight, easy installation.
- 2. Hollow shaft design, the drill rod length is not limited by the drilling rig feed stroke. It can drill at any inclination of 360°
- 3. Good disassembly and convenient relocation and transportation. φ43-φ55.5-φ71 drill rods can be used with the same machine, and replacement only takes 15 minutes.
- 4. Pull-out columns are suitable for tunnels of varying heights. The columns are available in 1.8m-3m and 3m-4.5m.
- 5. The drill rod is made of the most advanced 850 material in China, with high-precision processing and double-head quenching treatment to increase the service life of the drill rod.
- 6. 60 holes and 75 holes can be cored with 360-degree ropes, and the work efficiency is nearly doubled compared to ordinary double-tubes, reducing labor intensity.



Specification Parameter

Model/Item	CSKY400		
Drilling Angle	Tunnel 0-360°	Ground Surface 0-90°	
Drilling Depth	Φ43 mm-380m	Φ55.5(BQ) mm-Horizontal 330m,Vertical 360m	
	Φ71(NQ) mm-Horizontal 180m,Vertical 280m		
Spindle Speed	290-900 rpm (manual continuously variable speed)		
Spindle Output Torque	296-1100 N.m		
Rated Feed Force	80 Kn		
Feed Stroke	750 mm		
Oil Pump Motor	MN2-225S-4	380V/37KW	
Water Pump Motor	MN2-132S-4	380V/11.5KW	
Motor/Oil Pump Model	L6V107MA, GPC4-80/32		
Hydraulic System	Max. Tank Capacity: 150 L	System Pressure: 160 bar	
Water System	BW-160	Max. Flow Rate: 160 L/min	Rated Pressure: 10 MPa
Host Weight	438 kg (Decomposable)		
Host Dimensions	1850x550x450 mm		
Operation Desk Weight	60 kg		
Operation Desk Dimensions	610x1050x530 mm		
Power car Weight	520 kg (Decomposable)		
Power car Dimensions	1280x1200x800 mm		

Drilling Tool Parameters

A:

DZ-60 Geological Drill Pipe	Φ43×1500 mm	
Double Tube Double-Action Core Barrel	Φ45×1500 mm	
Diamond Drill Bits	Φ46.5 mm	
Diamond Reamer	Φ47 mm	

B:

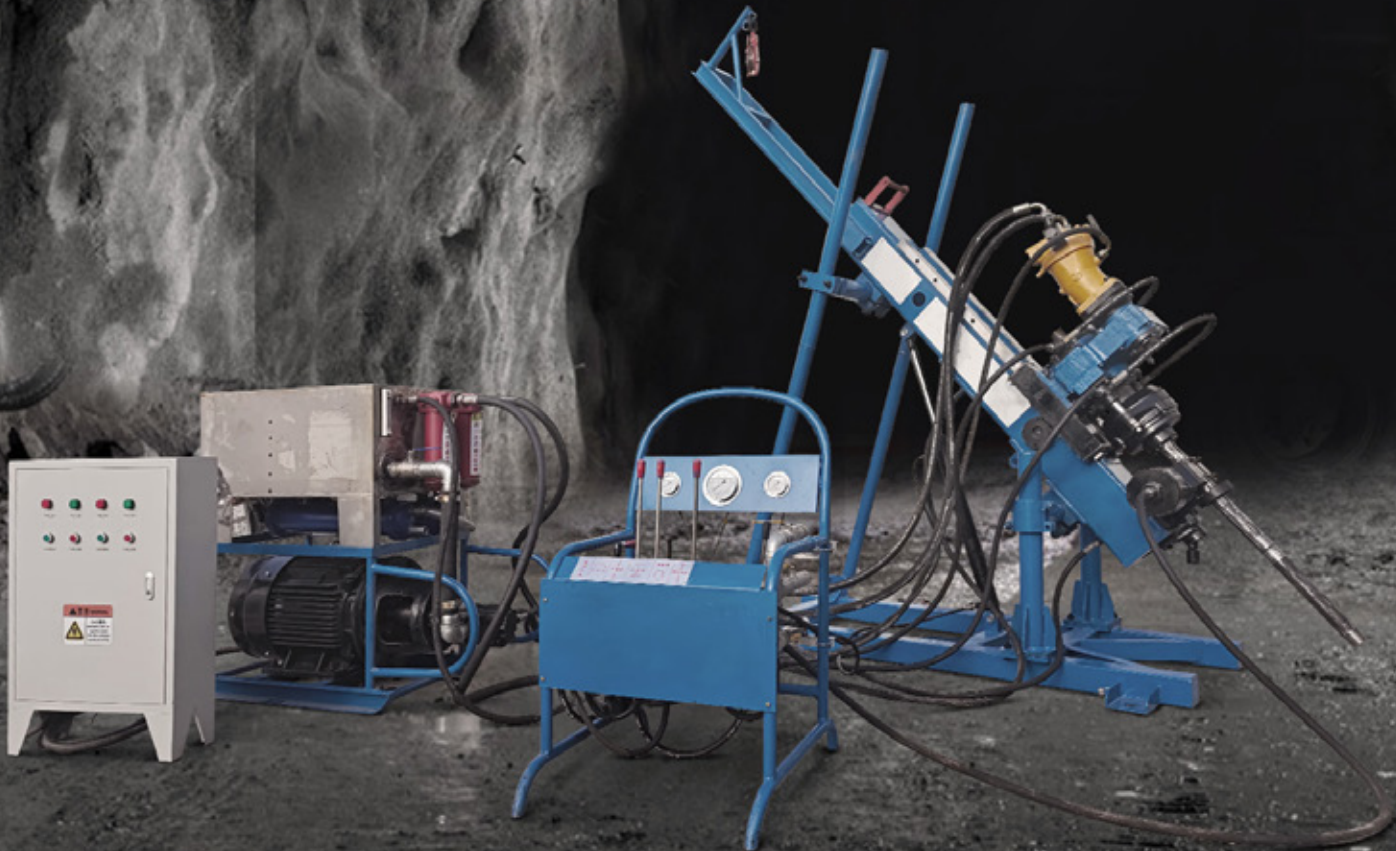
850 Direct-Connection Wireline Coring Drill Pipe	Φ55.5(BQ)×1500 mm	Φ71(NQ)×1500 mm
Wireline Coring Double Tube Single-Action Core Barrel	Φ58×1500 mm	Φ73(NQ)×1500 mm
Diamond Drill Bit	Φ60 mm(BQ)	Φ75 mm(NQ)
Diamond Reamer	Φ60.8 mm(BQ)	Φ75.5 mm(NQ)

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CSKY500

Product Features:

- 1. Small size, light weight, easy installation.
- 2. Hollow shaft design, the drill rod length is not limited by the drilling rig feed stroke. It can drill at any inclination of 360°
- 3. The drilling rig is flexible in layout, and the drill rod is mechanically twisted and unloaded, which reduces the labor intensity of workers and improves work efficiency.
- 4. Good disassembly and convenient relocation and transportation. φ43-φ55.5-φ71 drill rods can be used in the same machine, and replacement only takes 15 minutes.
- 5. Pull-out columns are suitable for tunnels of varying heights. The columns are available in 1.8m-3m and 3m-4.5m.
- 6. 60 holes and 75 holes can be 360-degree rope coring, and the work efficiency is nearly doubled compared to ordinary double tubes, reducing labor intensity.



Specification Parameter

Model/Item	CSKY500		
Drilling Angle	Tunnel 0-360°	Ground Surface 0-90°	
Drilling Depth	Φ43 mm-500m	Φ55.5(BQ) mm-Horizontal 460m,Vertical 500m	
	Φ71(NQ) mm-Horizontal 360m,Vertical 420m		
Spindle Speed	190-900 rpm (manual continuously variable speed)		
Spindle Output Torque	296-1000 N.m		
Rated Feed Force	80 Kn		
Feed Stroke	750 mm		
Oil Pump Motor	MN2-225S-4	380V/45KW	
Water Pump Motor	MN2-132S-4	380V/15KW	
Motor/Oil Pump Model	L6V107MA, GPC4-80/32		
Hydraulic System	Max. Tank Capacity: 150 L	System Pressure: 160 bar	
Water System	BW-160/250	Max. Flow Rate: 160/250 L/min	Rated Pressure: 10 MPa
Host Weight	523 kg (Decomposable)		
Host Dimensions	1850x550x450 mm		
Operation Desk Weight	60 kg		
Operation Desk Dimensions	610x1050x530 mm		
Power car Weight	550 kg (Decomposable)		
Power car Dimensions	1280x1200x800 mm		

Drilling Tool Parameters

A:

DZ-60 Geological Drill Pipe	Φ43×1500 mm	
Double Tube Double-Action Core Barrel	Φ45×1500 mm	
Diamond Drill Bits	Φ46.5 mm	
Diamond Reamer	Φ47 mm	

B:

850 Direct-Connection Wireline Coring Drill Pipe	Φ55.5(BQ)×1500 mm	Φ71(NQ)×1500 mm
Wireline Coring Double Tube Single-Action Core Barrel	Φ58×1500 mm	Φ73(NQ)×1500 mm
Diamond Drill Bit	Φ60 mm(BQ)	Φ75 mm(NQ)
Diamond Reamer	Φ60.8 mm(BQ)	Φ75.5 mm(NQ)

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CSKY700

Product Features:

- 1. Small size, light weight, easy installation.
- 2. Hollow shaft design, the drill rod length is not limited by the drilling rig feed stroke. It can drill at any inclination of 360°
- 3. 60 holes and 75 holes can be cored by 360-degree rope, and the work efficiency is nearly doubled compared with ordinary double tubes, reducing labor intensity.
- 4. Good disassembly and convenient relocation and transportation. φ43-φ55.5-φ71 drill rods can be used in the same machine, and replacement only takes 15 minutes.
- 5. Pull-out columns are suitable for tunnels of varying heights. The columns are available in 1.8m-3m and 3m-4.5m.
- 6. The drill rod is made of the most advanced 850 material in China, with high-precision processing and double-head quenching treatment to increase the service life of the drill rod.



Specification Parameter

Model/Item	CSKY700		
Drilling Angle	Tunnel 0-360°	Ground Surface 0-90°	
Drilling Depth	Φ43 mm-700m	Φ55.5(BQ) mm-Horizontal 600m,Vertical 650m	
	Φ71(NQ) mm-Horizontal 480m,Vertical 580m		
Spindle Speed	180-850 rpm (manual continuously variable speed)		
Spindle Output Torque	450-1400 N.m		
Rated Feed Force	95 Kn		
Feed Stroke	750 mm		
Oil Pump Motor	MN2-225S-4	380V/22KW*3	
Water Pump Motor	MN2-132S-4	380V/15KW	
Motor Model	L6V160MA		
Hydraulic System	Max. Tank Capacity: 170 L	System Pressure: 160 bar	
Water System	BW-160/250	Max. Flow Rate: 160/250 L/min	Rated Pressure: 10 MPa
Host Weight	640 kg (Decomposable)		
Host Dimensions	1850x550x550 mm		
Operation Desk Weight	60 kg		
Operation Desk Dimensions	610x1050x530 mm		
Power car Weight	750 kg (Decomposable)		
Power car Dimensions	1280x1200x800 mm		

Drilling Tool Parameters

A:

DZ-60 Geological Drill Pipe	Φ43×1500 mm	
Double Tube Double-Action Core Barrel	Φ45×1500 mm	
Diamond Drill Bits	Φ46.5 mm	
Diamond Reamer	Φ47 mm	

B:

850 Direct-Connection Wireline Coring Drill Pipe	Φ55.5(BQ)×1500 mm	Φ71(NQ)×1500 mm
Wireline Coring Double Tube Single-Action Core Barrel	Φ58×1500 mm	Φ73(NQ)×1500 mm
Diamond Drill Bit	Φ60 mm(BQ)	Φ75 mm(NQ)
Diamond Reamer	Φ60.8 mm(BQ)	Φ75.5 mm(NQ)

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CSKY1000

Product Features:

- 1. Small size, light weight, easy installation.
- 2. Hollow shaft design, the drill rod length is not limited by the drilling rig feed stroke. It can drill at any inclination of 360°
- 3. 60 holes and 75 holes can be cored by rope at 360 degrees, and the work efficiency is nearly doubled compared with ordinary double tubes, reducing labor intensity.
- 4. Pull-out columns are suitable for tunnels of varying heights. The columns are available in 1.8m-3m and 3m-4.5m.
- 5. Good disassembly and convenient relocation and transportation. φ43-φ55.5-φ71 drill rods can be used on the same machine, and replacement only takes 15 minutes.
- 6. The drill rod is made of the most advanced 850 material in China, with high-precision processing and double-head quenching treatment to increase the service life of the drill rod.



Specification Parameter

Model/Item	CSKY1000		
Drilling Angle	Tunnel 0-360°	Ground Surface 0-90°	
Drilling Depth	Φ43 mm-1000m	Φ55.5(BQ) mm-Horizontal 750m,Vertical 900m	
	Φ71(NQ) mm-Horizontal 700m,Vertical 860m		
Spindle Speed	160-750 rpm (manual continuously variable speed)		
Spindle Output Torque	550-1600 N.m		
Rated Feed Force	105 Kn		
Feed Stroke	750 mm		
Oil Pump Motor	MN2-225S-4	380 V/37 KW*2 22*1	
Water Pump Motor	MN2-132S-4	380 V/22 KW	
Motor Model	L6V160MA		
Hydraulic System	Max. Tank Capacity: 170 L	System Pressure: 160 bar	
Water System	BW-160/250	Max. Flow Rate: 160/250 L/min	Rated Pressure: 10 MPa
Host Weight	640 kg (Decomposable)		
Host Dimensions	1850x550x550 mm		
Operation Desk Weight	60 kg		
Operation Desk Dimensions	610x1050x530 mm		
Power car Weight	750 kg (Decomposable)		
Power car Dimensions	1280x1200x800 mm		

Drilling Tool Parameters

A:

DZ-60 Geological Drill Pipe	Φ43×1500 mm	
Double Tube Double-Action Core Barrel	Φ45×1500 mm	
Diamond Drill Bits	Φ46.5 mm	
Diamond Reamer	Φ47 mm	

B:

850 Direct-Connection Wireline Coring Drill Pipe	Φ55.5(BQ)×1500 mm	Φ71(NQ)×1500 mm
Wireline Coring Double Tube Single-Action Core Barrel	Φ58×1500 mm	Φ73(NQ)×1500 mm
Diamond Drill Bit	Φ60 mm(BQ)	Φ75 mm(NQ)
Diamond Reamer	Φ60.8 mm(BQ)	Φ75.5 mm(NQ)

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APPLICATION CASES

The King of Drilling Rigs,Make Drilling Simple



CSKY700



CSKY200



CSKY500



CSKY500



CSKY150

