CHANGKUN GEO

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DRILLING EQUIPMENT SERIES

Exploration Drilling Rigs
Drilling Tools



Company Profile

CHANGKUN GEO

CHANGKUN GEOLOGICAL EXPLORATION CO., LTD.





CHANGKUN GEOLOGICAL EXPLORATION
EMPOWERING
THE WEST AFRICAN MINING INDUSTRY



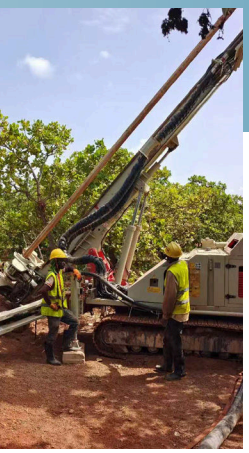
ABOUT CHANGKUN GEO

Changkun Geological Exploration Co., Ltd. was jointly founded by a team of senior geological exploration engineers and senior construction engineers. With long-term engagement in the West African mining market, the company focuses on geological exploration and mining services for gold, bauxite, and other mineral resources, accumulating extensive on-site experience in Guinea and neighboring countries.

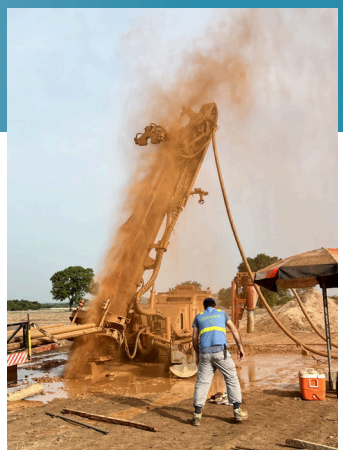
Driven by continuous field exploration practices, Changkun has established an integrated business system covering exploration technical services, drilling rig R&D and manufacturing, drilling tools supply, and supply chain integration. The company has also set up overseas warehouses and localized service bases in West Africa, providing efficient and reliable equipment and technical support for regional mining projects.

Adhering to the core values of Integrity, Professionalism, Innovation, and Service, Changkun continuously optimizes its exploration equipment based on complex geological conditions and real operational demands. The company is committed to delivering high-quality, high-reliability drilling rigs and complete drilling solutions for mineral exploration.

At present, Changkun has established long-term and stable partnerships with several well-known mining companies across West Africa, forming a systematic and turnkey supply capability for drilling equipment and services. Its products and services have been widely applied in Guinea, Mali, Gambia, Burkina Faso, Ghana, and Sierra Leone, earning strong recognition and trust from clients in real-world operations.









Product Introduction

REVERSE CIRCULATION DRILL ROD

REVERSE CIRCULATION SERIES



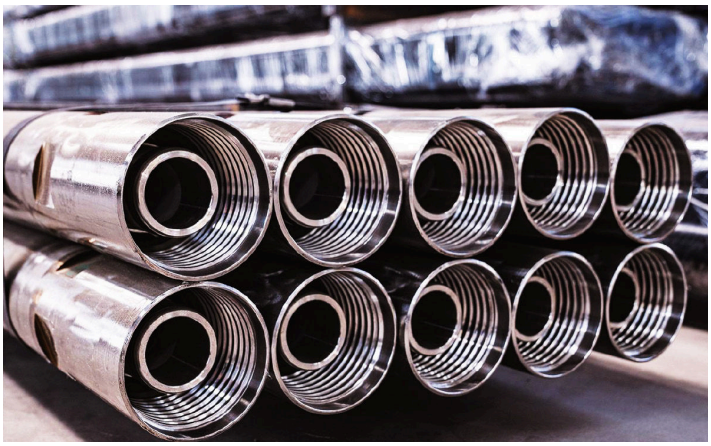
REVERSE CIRCULATION DRILL ROD

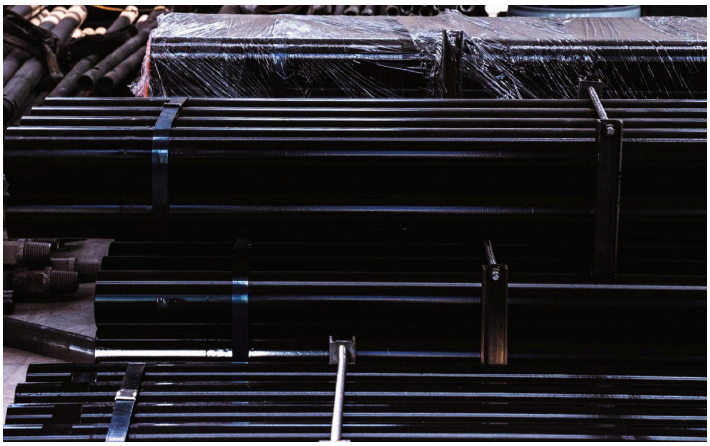
DUAL-CHANNEL REVERSE CIRCULATION DESIGN

HIGH DRILLING EFFICIENCY

HIGH SAMPLE INTEGRITY

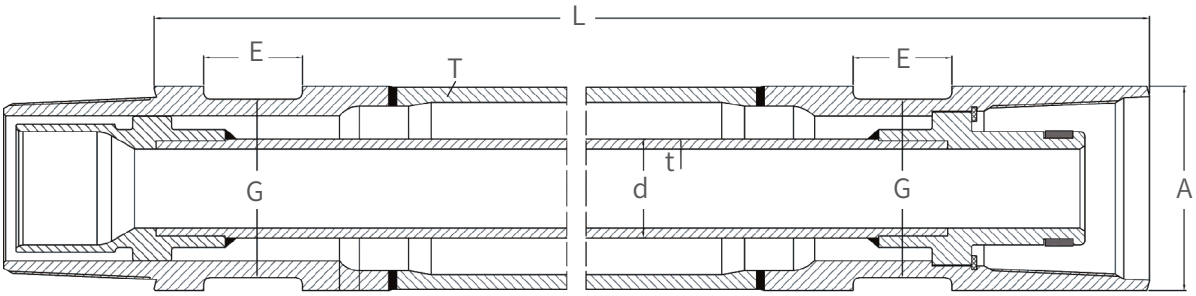
REVERSE CIRCULATION DRILL ROD





The Reverse Circulation (RC) Drill Rod features an innovative dual-channel structural design, enabling simultaneous operation of central tube cuttings/fluid discharge and annular air supply. This design effectively eliminates common problems associated with conventional direct circulation drill rods, such as sample contamination, bit balling, and circulation loss during drilling.

The RC drill rod is widely used in applications with strict requirements for cuttings quality, including mineral exploration (gold and copper), geothermal drilling, and coalbed methane wells. Compared with traditional drilling methods, it can increase drilling efficiency by approximately 40%, while achieving a sample recovery and integrity rate of over 95%.



Outer Diameter A (mm)	Connector		Inner Tube Size		Bayonet Dimensions		Effective Length L (mm)	Rod Wall Thickness T (mm)
	Pin Thread	Box Thread	Inner Tube ID d (mm)	Inner Tube Thickness t (mm)	E (mm)	G (mm)		
Φ89	3 1/2"Remet	3 1/2"Remet	Φ50	5	50	80	1500-6000	6.3/7.5/10
Φ102	4"Remet 4"Metzke	4"Remet 4 Metzke	Φ50	5	50	90	1500-6000	6.5/7.5/8.5 9/10
Φ114	4 1/2"Remet 4 1/2"Metzke DR115	4 1/2"Remet 4 1/2"Metzke DR115	Φ60	5	50	102	1500-6000	8/8.5/9
Φ127	4 1/2"Remet	4 1/2"Remet	Φ60	5	50	118	1500-6000	9

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Tang tian