CHANGKUN GEO

Changkun

CHANGKUN GEO

DRILLING EQUIPMENT SERIES

Exploration Drilling Rigs
Drilling Tools



Company Profile

CHANGKUN GE

CHANGKUN GEOLOGIC

Changkun







CHANGKUN GEOLOGICAL EXPLORATION
EMPOWERING
THE WEST AFRICAN MINING INDUSTRY



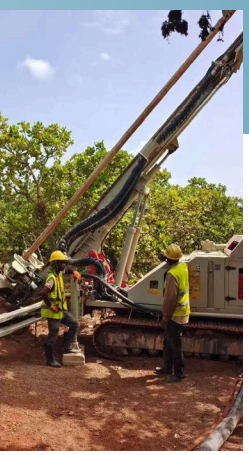
ABOUT Changkun

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.

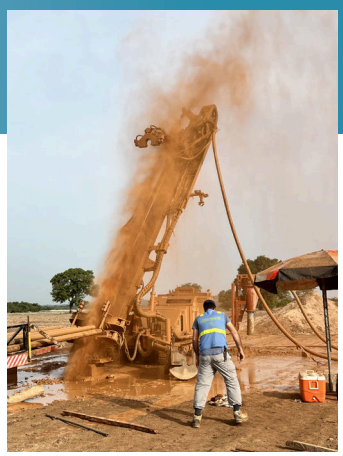
Driven by continuous field exploration practices, Changkun has established an integrated business system covering exploration technical services, drilling rig R&D and manufacturing, drilling tools supply, and supply chain integration. The company has also set up overseas warehouses and localized service 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.









410SCYT-31-34

Diesel-powered screw air compressor



The 410SCYT-31-34 diesel screw air compressor supplies compressed air for drilling and site work, including reverse circulation and forward circulation systems that use compressed air. We also sell air boosters. Confirm the pressure, air flow and connections required by the equipment.

Compressor specifications

Parameter	Value
Rated air delivery	32 / 36 m³/min
Rated discharge pressure	31 / 34 bar
Oil content in discharge air	≤ 5 PPM
Discharge air temperature	105 °C
Compressor oil capacity	130 L
Oil separator tank capacity	170 L
Compression stages	2
Drive method	Coupling drive
Cooling method	Air-cooled
Noise level	85 ± 5 dB
Dimensions	4600 × 2150 × 2950 mm
Gross weight	6600 kg
Discharge valve	G1-1/2, G2-1/2 inch

Rated air delivery and rated pressure are listed separately; confirm the corresponding configuration during selection.

Applicable hammer: 7-inch / 8-inch down-the-hole hammer. Wheeled towable equipment.

410SCYT-31-34

Diesel-powered screw air compressor

Diesel engine specifications

Parameter	Value
Engine manufacturer	Cummins
Engine model	QSZ13-C550
Full-load operating speed	1700 / 1800 rpm
Power output at rated speed	410 kW
Number of cylinders	6
Coolant capacity	90 kg
Lubricating oil capacity	35 L
Fuel tank capacity	700 L

Reference conditions

Parameter	Value
Absolute inlet pressure	1 bar
Relative humidity of inlet air	60 %
Inlet air temperature	20 °C

Operating condition limits

Parameter	Value
Minimum oil separator pressure	21 bar
Maximum oil separator pressure (unloaded)	34 bar
Maximum ambient temperature	40 °C
Minimum starting temperature	-10 °C

Specifications are for equipment selection. Supplied configurations follow the quotation and the technical documents for the machine. Confirm the required pressure, air flow, connections, environmental conditions and matching equipment.

Changkun

CHANGKUN GEO

CHANGKUN GEOLOGICAL EXPLORATION CO., LTD

Web: www.changkungeo.com

E-mail:

SERVICE@CHANGKUNGEO.COM

Whatsapp: +86 159 7291 0743

Wechat: +86 18607176746

Tang tian