



## ADVANTAGE

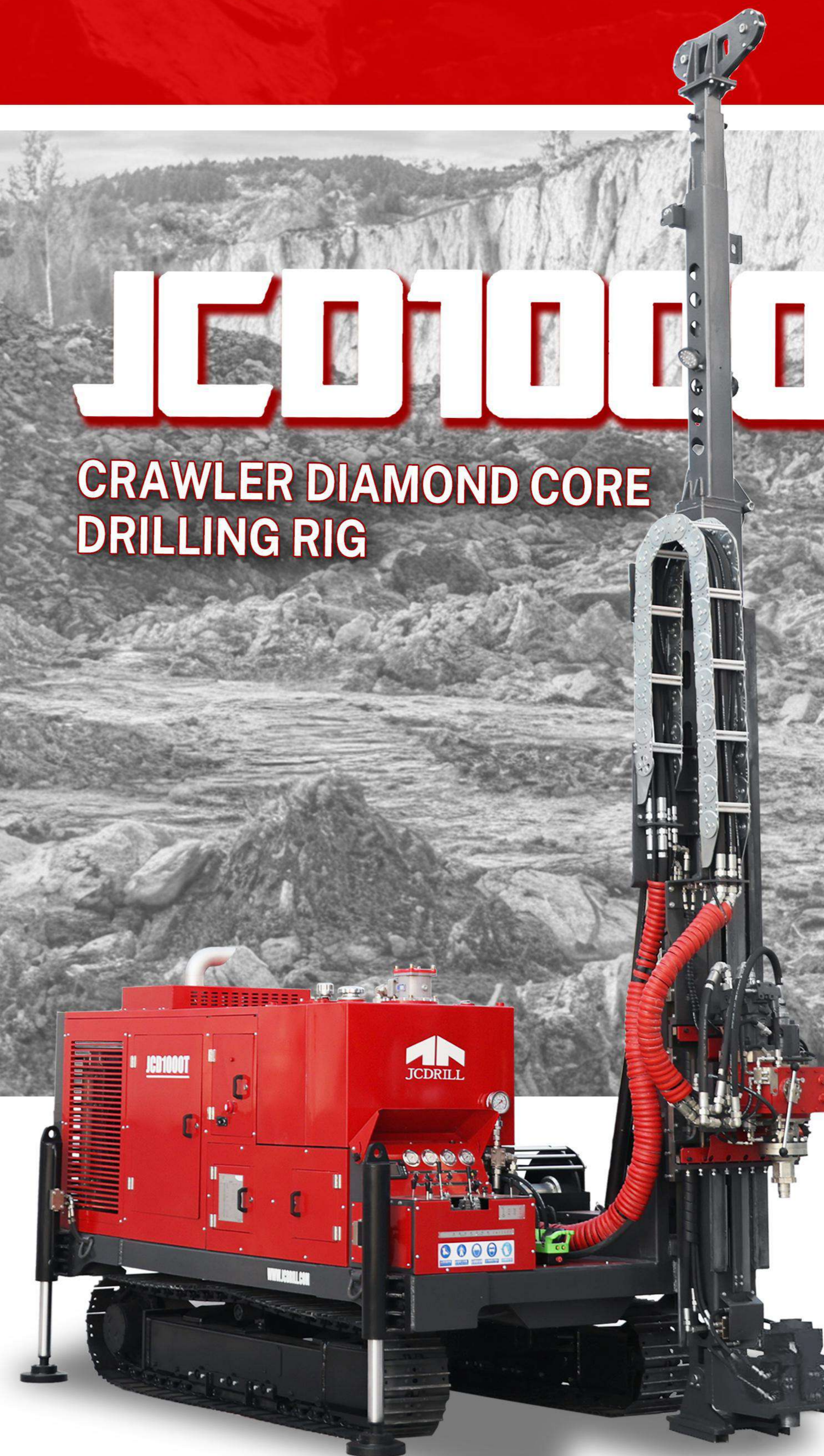
- >> CUMMINS diesel engine
- >> Foldable & Extendable Mast
- >> Multi-Angle Drilling 45°-90°

- >> 0-1200M drilling capacity
- >> Hydraulic winch lifting
- >> High pressure mud pump

# JCDRILL

# JCD1000DT

## CRAWLER DIAMOND CORE DRILLING RIG



### BEIJING JINCHENG MINING TECHNOLOGY CO., LTD.

Add: Rm1604, Mansion 2, No.A13 Beiyuan Road, Chaoyang District, Beijing, China

Mob: 0086 13811934576

Tel: 0086 10 5368 1788

Fax: 0086 10 51617069

Email: sales@jcdriill.com

Web: www.jcdriill.com

WhatsApp/Viber/Wechat: +86 13810203890



# JCD1000T

## CRAWLER DIAMOND CORE DRILLING RIG

The JCD1000T is a high-performance hydraulic core drilling rig for mineral exploration, capable of reaching 1200 m. Its foldable mast and hydraulic outriggers enable quick setup and multi-angle drilling from 45°-90°. The adjustable rotary head with side-shift improves rod handling, while remote-controlled crawler mobility ensures easy positioning on difficult terrain.

### FEATURES

#### Full Hydraulic Operation

Full hydraulic core drilling rig designed for deep mineral exploration. All drilling and mast movements are hydraulically driven for smooth and efficient operation.

#### Hydraulic Rotary Head

Hydraulic rotary head offers stepless speed adjustment and side-shift for convenient rod handling during operation.

#### Foldable & Extendable Mast

Foldable and extendable mast provides excellent assemblability and transport convenience, suitable for remote or confined sites.

#### Robust Structure & Precise Control

Robust structure combined with precise control system ensures high drilling efficiency and reliable performance in complex geological conditions.

### MAIN ACCESSORIES

#### Hydraulic Rotary Head

Adjustable speed and side-shift design allow precise drilling and easy rod handling for efficient core extraction.

#### Foldable & Extendable Mast

Compact, transport-friendly mast enables multi-angle drilling (45°-90°) and easy deployment in remote or confined sites.

#### Advanced Control Panel

Centralized platform allows operators to monitor and manage all rig functions safely and efficiently.

Two-stage link sliding frame with high strength and precise concentricity.

Large-capacity winch with high-displacement motor for fast lifting.

Stepless speed-control motor with a high-torque, powerful drive head.

Wedge-type gripper with strong locking force and no risk of slippage.

Integrated control console and remote controller for easy operation.



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## Product Display



## Specification

Performance parameter	Unit	Numerical value
<b>Drilling Capacity</b>		
Drilling Capacity		BTW-NTW-HTW-PTW
Drill Depth	m	1200-900-600-200
<b>Drive Head</b>		
Drive Mode		Forward & Reverse
Transmission Type		Gear Drive
Spindle Speed	rpm	200-1200 rpm
Max Torque	N·m	2300
<b>Feeding System</b>		
Stroke		Forward & Reverse
Feeding Speed		Gear Drive
Feeding Force	rpm	200-1200 rpm
Drilling Angle	N·m	2300
Drill Pipe Length		
<b>Engine</b>		
Brand		Cummins
Power	kW	132
Rated Speed	rpm	2200
<b>Rod Holder</b>		
Max Inner Diameter	mm	118
Holding Capacity	kg	13,000
<b>Hydraulic Winch</b>		
Lifting Capacity	T	0.6
Lifting Speed	m/min	150
Wire Rope Capacity	m × mm	1200 × 6
<b>Dimensions &amp; Weight</b>		
Overall Weight	kg	7600
Dimensions (L×W×H)	mm	4500 × 2300 × 2400

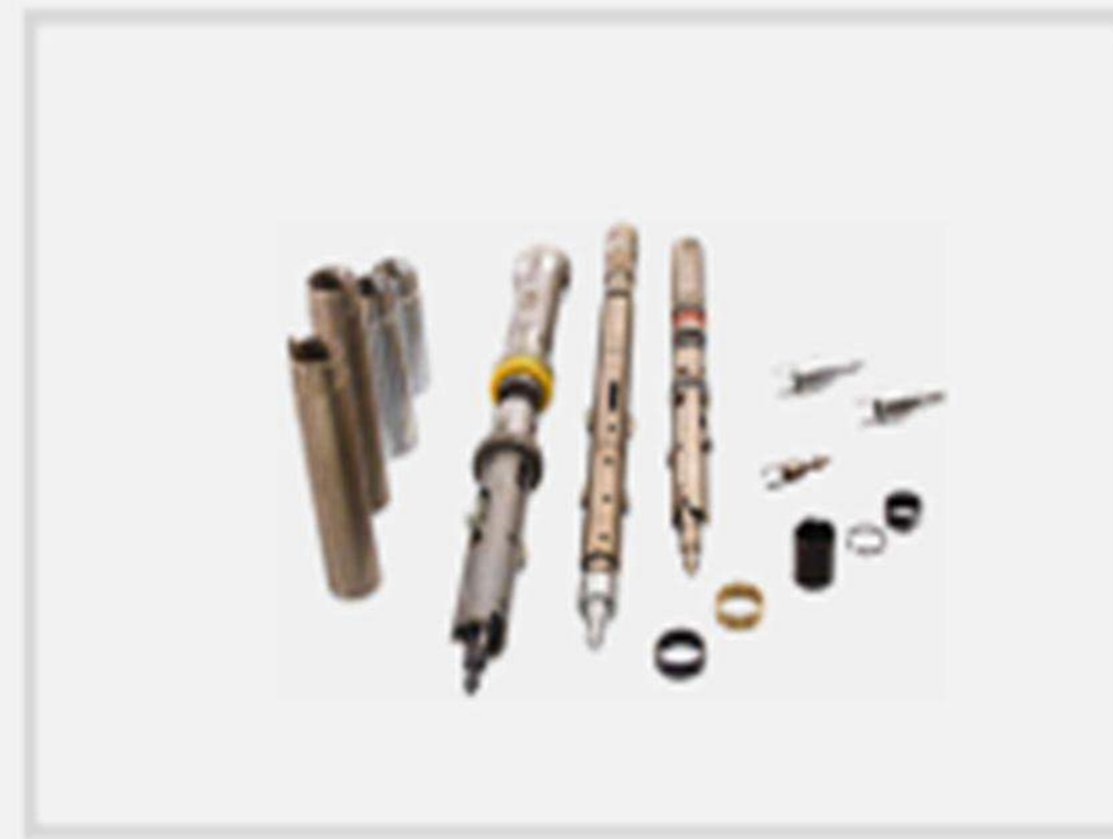
 Accessories



Core Drilling Bits



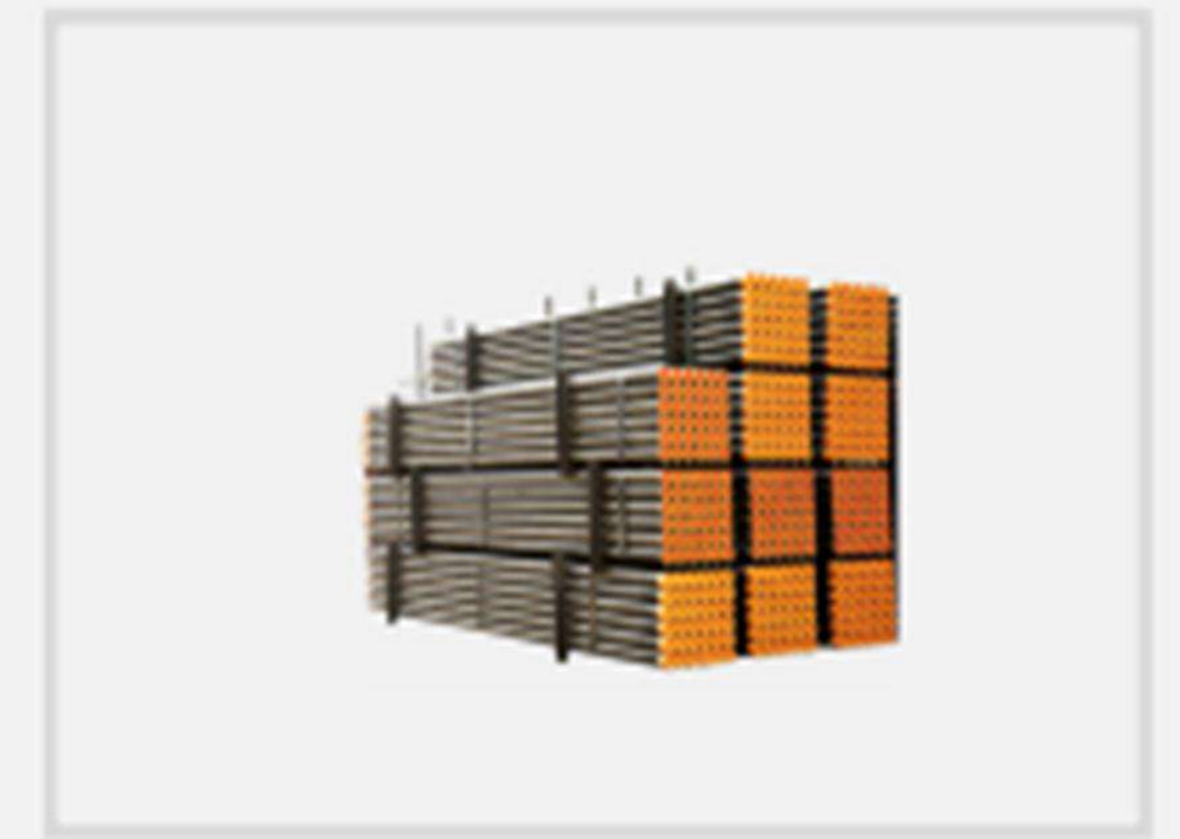
Reaming Shells



Core Barrels



Overshot



Drill Pipe&Casing



Sub



Water Swivel



Hoisting Plug



Circle Wrench



Foot Clamp



Recovery Tools



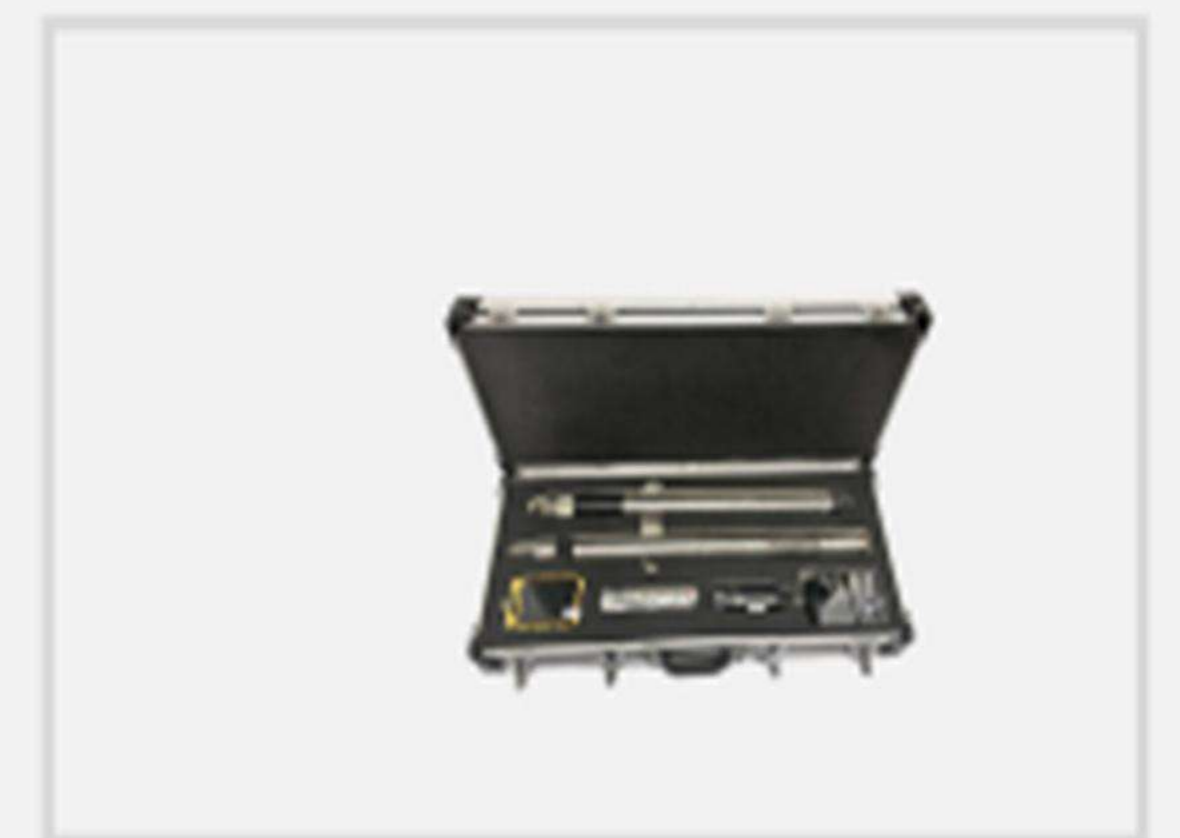
Core Trays



Rope Winches



Mud Agitator



Instrument

### In Project Site



### Main Structure

