

Advantage:

- >> Diesel Engine Power
- >> Fast Rotation Speed
- >> Wireline Diamond Core Drilling
- >> Hydraulic Clip
- >> Rubber/Steel Crawler with remote control
- >> High pressure mud pump

Optional Device
Hydraulic SPT



JCD Series

CRAWLER DIAMOND CORE DRILLING RIG

JCD系列履带式岩芯钻机

INTRODUCTION产品介绍

- >> JCD Series Full Hydraulic Portable Drilling Rig is a kind of light rig designed for geological exploration in remote area difficult to enter.
- >> It is mainly suitable for diamond drilling with wire line coring technique. The rig consists of diesel power unit, hydraulic system, control panel, mast, main winch, wireline winch, drill head, feed system, footclamp, etc.
- >> The rig is completely hydraulic driven for all its surface coring function. Fission style design makes the rig in good assemblability and disassemblability, facilitating transportation to most inaccessible areas. Robust structure plus exact control system ensures high penetration rate and outstanding reliability.
- >> JCD Series drilling rig can be operated in unconsolidated layer, and the slag can be discharged under by mud,It suitable for drilling complicated geological conditions.

>> CHARACTERISTICS产品特点

- >> Full Hydraulic and Drill Head model. The drill head rotation is realized with hydraulic pumps driven by diesel engines; this also makes the feeding hydraulic cylinder system realize its full stroke feeding in both higher and lower speed.
- >> Centralized control console is suitable for each manipulation and control. Rapid pulling and lifting reduce the auxiliary time and enhance the work efficiency.
- >> It's a hydraulic rotary drilling rig with directional circulation. It can equipped with BW90/160 mud pump which adopts the slurry as the washing fluid and can drill on clay, sand and rock if it is equipped with suitable drilling bit.
- >> The power of drilling rig comes from a diesel engine,which drives the large displacement high pressure plunger pump and it is characterized by powerful dynamic and stable performance.



Characteristics 产品特点

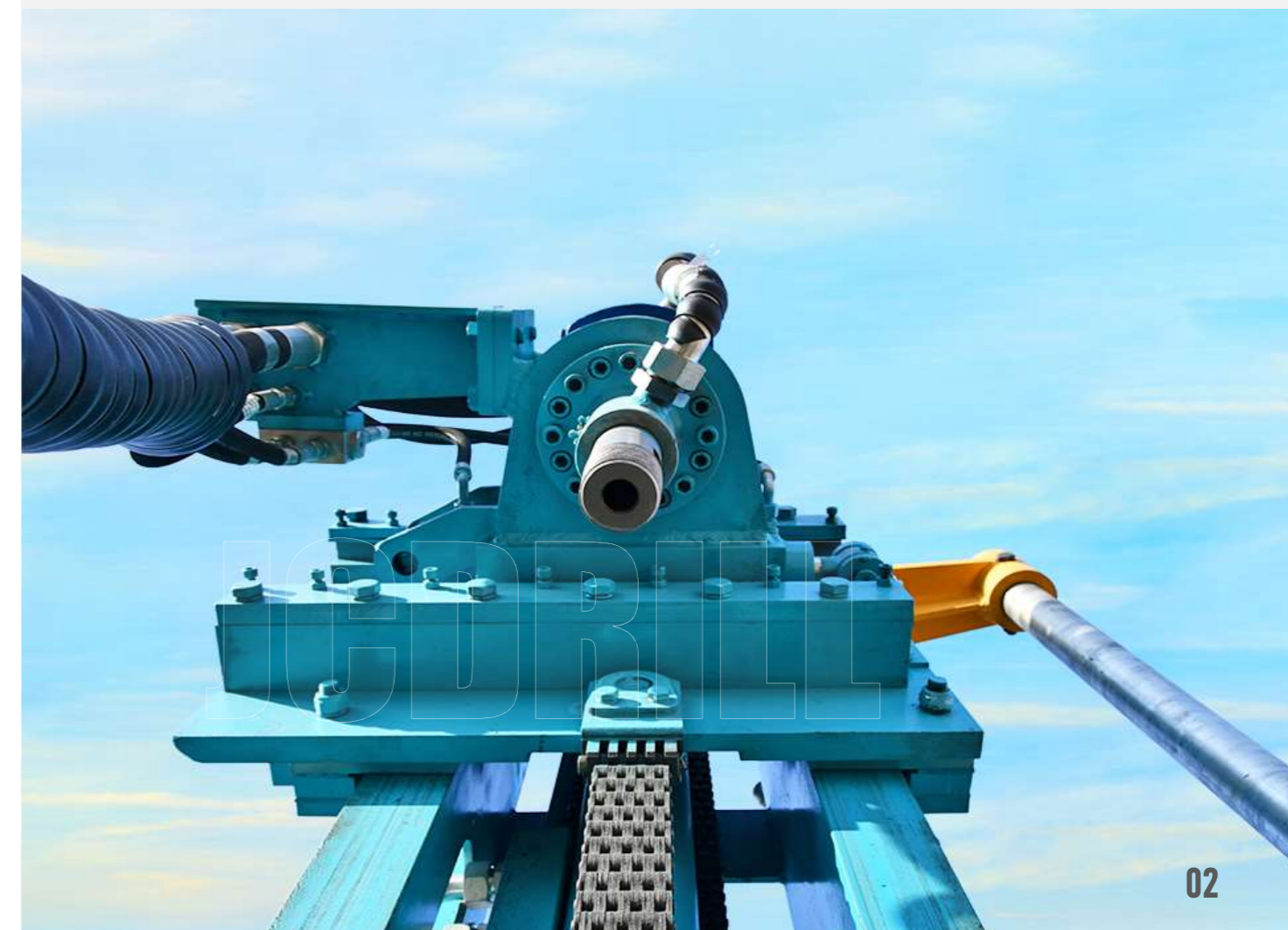
- >> The rotary head, have two gear, rotation speed have different speed stepless adjustment and the rotary torque is 1200Nm.
- >> With Good dismantlability. The rig is adopted split type in design, including power unit, hydraulic oil tank, manipulation platform and operation mechanism, i.e. the drilling section, The rig can be applied and performed in narrow space for drilling of hole at 45° - 90° with stronger adaptability
- >> The main drive of rig is hydraulic and the four landing legs and drilling tower are hydraulic controlled. Transfer case and mud pump clutch system are also hydraulic operated.

Specification 技术参数

Specification	Unit	JCD200	JCD400	JCD600
Drilling Method		Wireline Diamond Core Drilling		
Drill depth	m	150,200,300	180,400,500	200,600,650
Drilling Diameter		HTW-NTW-BTW		
Drilling Angle		45-90°		
Mobility		Crawler, Remote control		
Mast compensation		Standard		
Rotation & Feed System				
hydraulic cylinder through				
Rotation torque		300-500	300-500	450-1000
Max. Rotation Speed	Nm	200-800	1300	1300
Head travel	rpm	1900	1900	1900
Pull-up capacity	Ton	10	12	16
Pull-down Capacity	Ton	6	6	8
Diesel engine				
Power	KW	70	78	92
Model		YUNNEI	YUCHAI	YUCHAI
Drill Pipe				
Drill pipe length	m	1.5	1.5	1.5
Drill pipe diameter		HTW-NTW-BTW		
Thread		Standard	Standard	Standard
Mud pump(Optional)				
Flow capacity	L/Min	30-90	30-90	30-90
Max. working pressure	Mpa	4-7	4-7	4-7
Hydraulic System				
Hydraulic Clamp		Standard	Standard	Standard
System Pressure	Mpa	21	21	21
Stabilizing Jack				
4 Support legs		Hydraulic	Hydraulic	Hydraulic
Stroke	mm	600	800	800
Dimensions				
Size(L*W*H)	mm	3850*1750*1800	4000*1900*1800	4000*2000*1800
Weight	Kgs		4300	4500



Main Structure 主要结构





Contact Us 联系我们

BEIJING JINCHENG MINING TECHNOLOGY CO., LTD

Add: Rm1407, Building A, NO. 13 Beiyuan Road, Chaoyang, Beijing, China

Mob: 0086 13810203890

Tel: 0086 10 84673566

Fax: 0086 10 51617069

Email: sales@jcdrill.com



WECHAT



WHATSAPP

Web: www.jcdrill.com

WhatsApp/Viber/Wechat: +8613810203890

