

JK730-2 AUTOMATIC CRAWLER MOUNTED DTH DRILL RIG

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ALWAYS FOR YOUR BETTER DRILLING FEELING

■ Horizontal drilling angle



■ Dimension(Transport)8000×2420×3200(mm)

TECHNICAL SPECIFICATIONS

General

Weight	10.5T
LWH(transport)	8000×2420×3200(mm)

Hole range

Hole diameter	φ 90- φ 165 (mm)
Hole depth	21m

Drill rod changer

Rod quantity	6+1
Rod length	3m
Rod diameter	φ 76(mm)

Undercarriage

Oscillation	±10°
Traveling speed	2km/h 3km/h
Grade ability	20°

Engine

Manufacturer	Yuchai / Cummins(Optional)
Power	92kW/97kW(Optional)

Rotation unit

Rotating rate	0-90rpm
Rotating torque	3300Nm
Lifting force	18KN

Feeding force	12KN
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Feed

Feed extension	1100(mm)
Feeding stroke	3990(mm)

Dust collector

Collecting method	Hydraulic dust collecting
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* JK730-2 can be customized according to customer's actual usage.

JK730-2

AUTOMATIC CRAWLER MOUNTED DTH DRILL RIG

JK730-2 Automatic Crawler Mounted DTH Drill Rig is the air-compressor separated hydraulic DTH drill rig. It is equipped with automatic rod changer for rod storage, changing and connecting automatically, as well as hole locating device and luxurious cabin. Safe and comfortable operation environment substantially reduces labor intensity and curtails labor numbers. In contrast to the all-in-one rigs, JK730-2 is featured by its convenient operation and maintenance as well as low downtime rate.



CABIN

The sealed air-conditioned cabin is made with FOPS which meets EU and US safety protection standards. The all-around large safety windows offer great visibility and help the operator control the rig precisely from all angles. The high ground clearance of over 400mm suits varieties of tough terrain and minimizes the possibility of collision with ground.



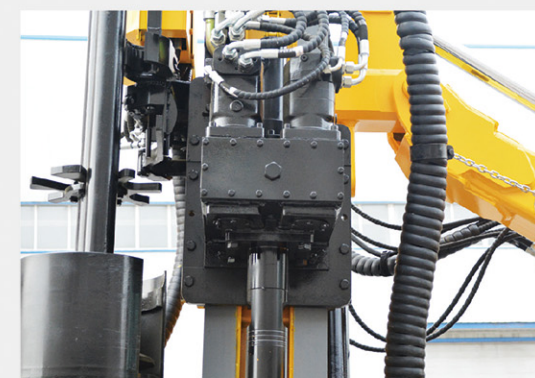
OPERATION SYSTEM

The operation system is simple and ergonomically-friendly. The rig's operating parameters like real-time drilling angle, instructions and warnings all can be clearly displayed on the dashboard, easy for the operator to monitor and control the drill rig. It adopts hydraulic pilot control system. The left joystick incorporates the functions like connection and disconnection of the drill rods, control of the mechanical hands, rotation of the rod carousel. All the movement for automatic rod connection and disconnection can be achieved by one hand. The right joystick gathers the drilling controls to feed, rotate, etc. And the drilling can be automatically set to make operation easy and save time. The walking of the drill rig is controlled by double hydraulic systems which ensure the walking stability with high reliability.



AIR INTAKE SYSTEM

Three-stage air intake system ensures the cleanliness of the air and lowers the cost of the air filters, significantly reducing the engine's failure rate.



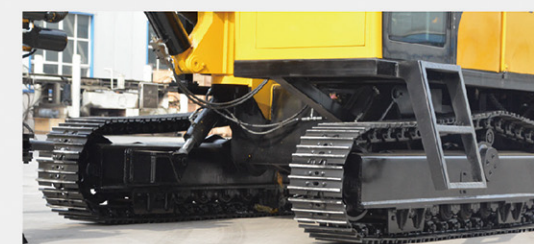
ROTATION UNIT

The double cycloid motors can output massive torque and reduce possibility of rod-stuck situation. And the rotation rate can be continuously adjusted according to different rock formations. The seals for the rotation unit is with extraordinary performance and long service life.



DUST COLLECTING SYSTEM

The efficient hydraulic dust collector is equipped with a sliding dust cover. It boasts high dust collecting efficiency and stable performance, extends the rig's service life and ensures a clean working environment.



UNDERCARRIAGE

The maintenance-free heavy duty undercarriage features robust structural strength, wide tracks and excellent grade ability, which all ensure better stability while drilling. The undercarriage can oscillate $\pm 10^\circ$ back and forth, featuring adjustable dual speed and fast maneuverability between sites.

REPAIR AND MAINTENANCE

Maintenance and repair are very convenient thanks to the maintenance and check points are easily accessible, engine compartment is well organized, and all service doors can be easily opened and closed.

