UNDERGROUND DRILL RIG

An easy, realiable and efficient solution for underground drilling.



UNDERGROUND DRILLING MADE USER-FRIENDLY

When you need safe, efficient and versatile underground drilling rigs, we can supply the right machinery. Cutting-edge software saves both time and money.

Time is money in the drilling business

While moving and maintaining the equipment are necessary tasks, they do take valuable time away from the actual production. To minimize this time, ADC has developed several unique solutions. For example, the production can be started up to five times faster with our U-range drillings rigs compared to the traditional alternatives. This is based on advanced automation and remote control, which makes the rig ready for use in as little as five minutes. Additionally, the technology ADC utilizes in its rigs increases the time between maintenance breaks and improves the long-term component durability.

The fastest setup time

Production can be started up to five times faster than with traditional drilling rigs.

Wide drilling angles

The next-generation design of the positioning structure guarantees extremely wide drilling angles.

Increased safety

Our rigs features a safety cage that covers the drilling unit, among many other elements.

PRODUCT INFORMATION

DIMENSIONS

- Length: 7,8-10m Width: 2.5m Height 2.7-4m Weight: 10-15t

DRILLING UNIT

- Feed length: 1800 m
- Input force: 85 kN
- Lifting force: 85 kN
- Torque: 371-1030 Nm
- Drilling angles: 210 degrees horizontally, 180 degrees vertically
- Holding capacity: 60–130 kN
- Drilling depth, BQ: Up: 650 m up, 1,100 m horizontal, 1,300 m down

MANOEUVRABILITY

- Hydrostatic or torque converter transmission
- Four-wheel steering
- Excellent turning radius
- Driving speed: 0–10 km/h

HYDRAULIC SYSTEM

- Hydraulic pump: 140 cc
- Hydraulic tank capacity: 220 l
- Hydraulic oil cooler
- Plate heat exchanger
- Separate filtering and cooling pump

ELECTRIC ENGINE

- 75-110 kW

WATER PUMP

- Maximum pressure: 100 bar
- Output: 165 l/min

CABLE WINCH

- Winch drum capacity: 600–1,400 m, 5–6 mm cable

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