SURFACE DRILL RIG

Every ADC surface drilling design marries safety with user-friendliness.

EFFICIENTLY, SAFELY AND ECOLOGICALLY

High quality core samples guaranteed. Thanks to the rubber tracks, these surface drill rigs are environmentally friendly and suitable for all types of terrain.

Remote-controlled surface drilling

The four core features of every ADC surface drilling design are: safety, cost-efficiency, eco-friendliness and user-friendliness. Sample handling and the drilling work can be done safely inside the rig's ergonomic interior, while the rig is steered conveniently with a remote controller. The power, torque and high-performance components of the rig allows for drilling holes up to 3500 meters deep. Not only powerful, the rig's modern design also makes long maintenance intervals possible, which creates great savings.

Ecological & rapid mobility

Surface drilling rigs move with dexterity while preserving the environment, at a speed of 10 km/h even on challenging terrain.

Water circulation & cleaning

Optional, fully closed combined water circulation and cleaning system doesn't release dirty water into nature.

Unmatched working environment

The rig's interior is safe and ergonomic. It also has a fixed frame and canopy top.

PRODUCT INFORMATION

DIMENSIONS

- Length: 7.5-9.6m Width: 2.5-3.2m Height 3.3 5m Weight: 16-21 t

DRILLING UNIT

- Feed length: 2100 m
- Feed force: 65–105 kN
- Pulling force: 150–190 kN
- Torque: 371–1030 Nm
- Drilling position: 40–90°
- Holding capacity: 85–260 kN
- Max. depths: NQ 3,500 m

DIESEL ENGINE

- Power: 235 kW
- Fuel tank capacity: 400 l
- Electrical system: 24 V

GENERATOR

- 10 kVA, 230/400 V

MOBILITY

- Hydrostatic-mechanical transmission
- Rubber tracks
- Driving speed: 0–10 km/h

HYDRAULIC SYSTEM

- Hydraulic tank capacity: 220 l
- Hydraulic oil cooler
- Heat exchanger
- Separate filtering and cooling pump

WATER PUMP

- Maximum pressure: 160 bar
- Output: 120 l/min

WIRELINE WINCH

- Drum capacity: 1,400–3,500 m, 5–6 mm cable

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