

DeltaBase 430

DTH-drill rig



DeltaBase 430

Boart Longyear has been producing high performance, quality products to the exploration, mining and water well industry for over 100 years. The DeltaBase 430 is a compact, lightweight drill rig designed specially for DTH drilling work on modern job sites. The DeltaBase 430 is optimized to drill 4" to 6.5" holes.

Advantages:

- High production rate compared to multipurpose rigs
- Prepared for all commercial available continuous casing systems
- Speed control, specially needed when installing casing
- Excellent dust control system
- Simplified maintenance through optimized design and reduced bulk

Features:

- Flexible mast positioning
- Electro-hydraulic control as standard
- Optimized for efficient rod handling
- Highly efficient hydraulic system with reliable piston pumps and motors for maximum power transmission and component life

Applications:

- DTH drilling of holes from 4" to 6.5"
- Geothermal wells
- Water wells
- Casing installation

Accessories:

- Double clamps and break-out-keys
- Injection pump for water or foam
- Lubrication pump for hammer
- Welding generator
- Dust collector
- Slope winch
- Rod rack on the rig
- Bit grinder

The drilling speed record for one drilling team in one working week of five days, working from 7.00 to 17.00 a day was 1208 meters (3964 feet), including driving between holes, set-up time, setting casing and drilling in hard granite with approximately 12 meters of casing in the overburden.

The DeltaBase 430 is easy to maintain because of its optimized design and reduced bulk. Access to all components is excellent. Penetration rates and bit life are optimized through the precise control the operator has over rpm, torque and bit weight.

The highly efficient hydraulic system utilizes quality piston pumps and motors for maximum power transmission and component life.

A hydraulically driven 2-speed drill head provides plenty of flexibility to perform most common drilling operations. Having the drill head carriage connected directly to the feed cylinder provides excellent control of bit weight and penetration speed.



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Boart Longyear is constantly striving to improve its products and must, therefore reserve the right to change designs, materials, specifications and price without prior notice.

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