

DeltaBase 420

DTH-drill rig



DeltaBase 420

Boart Longyear has been producing high performance, quality products for the exploration, mining and water well industry for over 100 years. The DeltaBase 420 is compact and lightweight, it is designed specifically for DTH drilling work on modern job sites. The DeltaBase 420 is optimized to drill 4" to 6.5" holes.

Advantages:

- High production rate
- Prepared for all commercially available continuous casing systems
- Feed speed control, specially needed when installing casing
- Excellent dust control system
- Simplified maintenance through optimized design and reduced bulk

Features:

- 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
- Bit grinder
- Electric diesel pump

The DeltaBase 420 is an extremely compact drill rig designed specifically for narrow access inner city applications as well as operations in mountainous areas.

The rig 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 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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