



www.boartlongyear.com/db520-525



Wireline Coring

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DTH drilling

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Flush Rotary

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Make and Break hydraulic rod clamps

DeltaBase 520/525 **Multipurpose drill rigs**

The DeltaBase 520 and 525 represent a family of compact and lightweight drill rigs capable of multiple drilling methods. The DB520's efficient drilling system with speeds up to 740 rpm and pullback of 38 kN (8550 lbf) provides a versatile rig in a very small package. The DB525 includes all of the features of the DB520 but with an upgraded mast allowing for deeper drilling depths. The DB525 also offers a larger drill head providing increased torque and speed. This family of rigs is designed to meet the wide range of challenges on today's jobsite.

Advantages

- Quick and simple switching between drill-methods. Wireline coring, DTH, flush rotary and auger drill possibilities integrated into one rig.
- Hydraulic mast raising and stabilization jacks plus an onboard water pump allow for fast mobilization of the rig on the drill hole
- Standard safety features including an interlocked safety cage, as well low speed, low torque rotation for safe rod management
- Swing out drilling control panel to provide clear view of the drill hole
- Optional automatic SPT and pressure meter connections for quick change to testing and sampling



DeltaBase 520/525

Multiple Drilling Methods

- Wireline and Conventional coring
- Down The Hole hammer drilling
- Flush rotary drilling
- Auger drilling

One Rig - Many Uses

- Site investigation
- Core sampling
- Undisturbed sampling with automatic SPT equipment
- Pressure meter testing
- Micropiling
- Tube a' Manchette grouting
- Jet grouting
- Water well drilling
- Minerals exploration

Fast Rig Mobilization

- Mounted on hydraulically powered steel tracks to cover difficult terrain and driven by electric or radio remote control the rig will get on site quickly
- Hydraulic mast raising and leveling jacks simplify rig set up
- On-board accessories including water pump, automatic SPT, and rod rack means that everything is on-site and ready to drill

Features to simplify drilling

- Hydraulic mast dump of 500 mm (1.6 ft) to get the mast close to the drill hole
- Standard hydraulic side shift for drill head to give clear access to the drill hole and make rod pulling easier
- Standard 220 mm (8.6") diameter double clamp for making and breaking rod joints quickly and safely
- Swing out drilling control panel to provide optimum view of the drill hole

Safety Built In

- Standard safety cage with electrical interlocks on every rig
- Low speed, low torque hydraulic rotation circuit for making up rod joints
- Hydraulic break out clamps for safely making and breaking rod joints
- Meets all CE safety standards for hydraulic drilling rigs

Options for any Job

- DTH air oiler, shock absorber and air connections
- High altitude engine package
- Skid or towable trailer mounting
- Night lights

Additional DeltaBase 525 Advantages

- Higher torque head options (up to 6000 Nm - 4440 lb-ft)
- Deeper core, rotary and DTH drilling with higher pullback (Pull back force up to 55 kN - 12364 lbf)
- Longer mast dump (1000 mm - 3.2 ft)

Refer to Technical Data sheets for additional technical information

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