



TRACK MOUNTED AUGER/ODEX/CORE DIEDRICH D-120 (R-32, R-35, R-39)

Earth Drilling's Diedrich Drill manufactured D-120 is an all-purpose drill rig, powerful enough to handle large diameter hollow stem augers, yet versatile enough to drill efficiently on smaller auger, odex (115mm system), air rotary, and core (HQ3 size) projects.

Earth Drilling's track mounted Diedrich D-120 drill rigs are mounted on Morooka MST-1500 carriers. These carriers are the result of over 50 years of joint development between Bridgestone and Morooka. The rubber tracks combine the characteristics of a tire equipped vehicle, such as speed and a smooth ride, while providing the traction of a steel track. Rubber tracks offer the best of all worlds with low ground pressure at 4.76lbs/sq in, minimal ground disturbance, high performance movement and excellent traction. Steel cleats can be attached during operation for severe winter and icy conditions.

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SPECIFICATIONS

- >> Max Gross Spindle Torque: 18,650 ft lbs (high torque: 21,500 ft lbs)
- >> Spindle and Retract Force Up: 30,000 lbs
- >> Spindle and Retract Force Down: 20,200 lbs
- >> Rotary Gear Box: the rotary gear box utilizes a two-speed all-gear drive with 8620 heat treated high precision gears and tapered roller bearings.
- >> Clutch and Transmission: 13 in clutch with heavy duty helical gear transmission with 5 forward gears and 1 reverse

RIG DIMENSIONS

- >> Gross Weight: 13,608 kg
- >> Ground Pressure: 4.76lbs/sqin (32.8 kPa)
- >> Height at Full-mast: 33 ft 6 in (10.21M)
- >> Height at Half-mast: 23 ft 4 in (7.39M)
- >> Total Length: 29 ft 2 in (8.89M)
- >> Carrier Length: 23 ft 4 in (7.39M)
- >> Track Length: 11 ft (3.35M)
- >> Transport Height: 10 ft 10 in (3.3M)
- >> Width: 8 ft 6 in (2.6M)
- >> Track Width: 28 in (.71M)

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