



LENGTH: 30'6" (9.3 M)

## DIEDRICH D-120 (R-38, R-42, R-44, R-48)

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 (4 inch to 8 inch), air rotary, and core (HQ, HQ3 and NQ) projects. Each of these units are mounted on tandem axle trucks, with the exception of R-38, mounted on a single axle International Truck.

### 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

- >> Weight: 22,500 kg
- >> Ground Pressure: 41.44 lbs / sq in
- >> Rig Height: 11 ft 6 in (3.50M)
- >> Tower Height: 35 ft 6 in (10.82M)
- >> Width: 8 ft (2.4M)
- >> Length: 30 ft 6 in (9.3M)
- >> Tandem Axle

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