



# DIEDRICH D-120 (R-38)

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.

## 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: 14,300 kg
- >> Rig Height: 11 ft 4 in (3.45M)
- >> Tower Height: 29 ft 4 in (8.93M)
- >> Width: 8 ft (2.4M)
- >> Length: 30 ft
- >> Ground Pressure: 20.37 lbs / sq in
- >> Single Axle

### CALGARY OFFICE

4039 16th Street SE  
Calgary, AB T2G 3R8  
P 403 700 8778

### REGINA OFFICE

2110 Industrial Drive  
Regina, SK  
P 306 545 7088

### MAILING ADDRESS

4039 16th Street SE  
Calgary, AB T2G 3R8  
W earthdrilling.ca