

## Discovery EF-50 Diamond Core Drill

[Inventory ID #1421014]



### Discovery EF-50 Diamond Core Drill

- Make: Discovery Drill Manufacture (DDM) LTD.
  - Model: EF 50
  - Year: 2007
  - Hours: 28,122 - Currently Operating
  - Condition: Used, Reported in Great Working Condition
    - Drill was Recently Gone Over by a Mechanic
  - Engine: 5.9 Liter Cummins (150HP)
  - Main Hydraulic Pump Completely Overhauled
  - All Hydraulic Pumps Tested
  - Feed Cylinders Were Repacked
  - Oil Leaks Repaired
  - All Electrical Gone Over
  - New Lights Installed
  - Cleaned Up and Painted
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- General Model Specifications:



- Rated Depth Capacity: 5,000ft N (1,524 m N)
  - Rod Capacity: B-N-H (P Optional)
- Pullback Capacity: 25,000 Lbs. (11,340 kg)
- Feed Capacity: 12,000 Lbs. (5,443 kg)
- Water Pump: FMC 435 - 37 GPM @ 1,000 PSI (140 LPM @ 69 Bar)
- Water Pump Drive: Hydraulic Motor
- Head: DDM Design including Safety Lockout Guard with Reduce Rod RPM
- Chuck: Boyles 12HH (12.5 degree - 25,000 lbs. (11,339 kg))
- Rotation Motor: Fully Variable 160cc
- Wireline Hoist - DDM Design Capacity with Level Wind
- Rod Hoist Lifting Capacity: 1,000 lbs. (454 kg)
- Hydraulic Pump:
  - Main: Rexroth 125cc, 5,800 PSI Variable Displacement, Closed Loop
  - Secondary: Rexroth 95cc, 5,000 PSI
- Engine: Cummins Diesel Tier 3
- Total Weight: Ready To Drill - 21,000 lbs. (9,525 kg)
- Shack: Skidded Drilling Shack
  - With Hydraulic Leveling

- Location: Eastern Canada

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