

## Hagby 1000 Diamond Core Drill

[Inventory ID #1403124]



### Hagby 1000 Diamond Core Drill

- Make: Hagby Bruk AB
- Model: Onram 1000
- Year: 1986
- Condition: Used, Reported in Good Condition
  
- General Model Specifications:
  - Depth Capacity:
    - N-Head:
      - WL 46mm: 1125m
      - AQ: 1000m
      - WL 56mm: 1000m
      - BQ: 850m
      - WL 66mm: 850m
      - NQ: 600m
      - WL 76mm: 700m
      - HQ: Not-Suited
    - H-Head:
      - WL 46mm: Not-Suited
      - AQ: Not-Suited
      - WL 56mm: 1000m
      - BQ: 850m
      - WL 66mm: 850m
      - NQ: 600m

- WL 76mm: 700m
- HQ: 400m
  
- Feed Boom:
  - Feed Length (Underground): 1,700mm (5ft 7in)
  - Total Length (Underground): 3,065mm (10ft)
  - Feeding Force: 46.1kN (10,350 lbs.)
  - Pulling Force: 60.8kN (13,650 lbs.)
  - Feed Rate, Drilling Max: 0.04 m/s (1.5in/s)
  - Feed Rate, Rod Running, Max 1.1 m/s (43in/s)
  - Practical Rod Running Speed: 20m/min (60ft/min)
  
- Drill Head with Chuck
  - Drive Spindle Inner Diameter: 77mm (3in)
  - Torque:
    - High Gear:
      - 178Nm at 1,600 RPM (137 lbf-ft)
      - 550Nm at 565 RPM (427 lbf-ft)
    - Low Gear:
      - 259Nm at 1,100 RPM (200 lbf-ft)
      - 800Nm at 390 RPM (619 lbf-ft)
  - Speed: Infinitely Variable 0-2000 RPM
  - Clamping by Spring Action, Opened Hydraulically
  - Exchangeable Rod Guide and Jaws for Standard Drill Rods and Casings
  - Number of Jaws: 8
  - Gripping Range: 30-76mm (1.1875in-3in)
  - Gripping Range: Set of Jaws: 10mm (3/8in)
  
- Rod Holder:
  - Clamping by Accumulator Action, Opened Hydraulically
  - Number of Jaws: 2
  - Gripping Range 30-106mm (1.1875in - 4.125in)
  - Gripping Range, Set of Jaws: 20mm (0.75in)
  - Max Opening, Without Jaws: 136mm (5.3125in)
  
- Power Pack:
  - Hydraulic System: Water Cooled
  - Max Working Pressure: 250 bar (3,625 PSI)
  - Max Oil Flow 142-174 l/min (37-46 GPM) Depending on RPM of Prime Mover
  - Tank Volume: 80 Liters (21 US Gal)



- Control Panel:
  - Central Control of All Drilling Operations Including Flush Pump, Wireline Hoist and Boom Tilt
  - Gauges for:
    - Hydraulic System Pressure
    - Feeding Force
    - Water Pressure
    - Water Flow

- Location: West USA

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