

## 1 - 2 TPH Gold Recovery Plant [Inventory ID #487739]



Gold Recovery Plant designed for small operation taking ore through the crushing grinding process onto the tabling of the fines to extract and recover the coarse and fine gold component in a concentrate which would be ready for refining.

Complete plant includes Jaw Crusher, Screen Deck, Feeder & Conveyors, Ball Mill, Concentrating Table, Water Pump, Generator, & Electrical.

Full Equipment Details:

- **Cedar Rapids Jaw Crusher**
  - Jaw Dimensions: 8 in. x 10 in.
  - Belt Driven with WEG Electric Motor
    - 7.5 HP
    - 1167 RPM
    - 7.8 Amps
    - 575 Volts
- **3 ft. x 6 ft. Vibrating Deck Screen**
  - 21 Degree Angle with
    - ¼ In. Screen
  - WEG Electric Motor
    - 3 HP
    - 1740 RPM
    - 3.5 Amps
    - 575 Volt
- **16 in. Wide x 32 ft. Long Conveyor Belt**
  - 3/16 in. Thick Belt
  - WEG Electric Motor with Gear Box
    - 1 HP
    - 1765 RPM
    - 0.75 Amps

- 575 Volt
- **Ore Bin Feeder**
  - 98 in. Wide x 13 ft. Long x 11 ft. High
  - Equipped with
    - 19 in. Wide x 112 in. Long x ½ in. Thick Conveyor Belt
    - Discharges onto 16 in. Wide x 189 in. Long Secondary Conveyor Belt
  - All Driven by SEW Eurodrive Electric Motor
    - 5 HP
    - 1758 RPM
    - 10 or 5.70 Amp
    - 300 or 575 Volt
  - 19 RPM Gearbox
  - Vibco Vibrator
    - Model: 2P-800
    - 3450 RPM
    - 0.8 Amps
    - 575 Volt
- **42 in. Diameter x 75 in. Long Ball Mill**
  - 33 RPM
  - Equipped with
    - Rubber Liners & Rubber Lifters
  - 13 in. Dia. x 3 ft. Long Trommel Screen
    - 150 Mesh Screen
  - 52 in. Swing Bearings
  - 8 in. Inlet, 8 in. Outlet Fed with 1 in. Water Hose
  - WEG Electric Motor
    - 25 HP
    - 1765 RPM
    - 24 Amps
    - 575 Volt
  - SEW Eurodrive Gearbox
    - 30.77-1 Ratio
    - 38,000 Lbs. Capacity
- **Ball Mill Grinding Balls**
  - Approx. 1-2 Tons of Mixture
    - 1 - 3 in. Balls
- **Holman 16 ft. Long x 6 ft. Wide Concentrating Table**
  - 1-½ in. Water Feed Hose
  - Adjustable Shaker Table Trays
  - Screw Adjusters
  - Westinghouse Electric Motor
    - 2 HP
    - 860 RPM
    - 3.3 Amps
    - 575 Volt



- **2 in. Darling Water Pump**
  - Equipped with
    - Westinghouse Electric Motor
      - 1 HP
      - 1150 RPM
      - 1.38 Amps
      - 575 Volt
- **Newage Stanford Deutz Generator**
  - 347/600 Volts
  - 62.5 kVA
  - 1800 RPM
  - 3 Phase
  - 0.8 P.F
  - Deutz 6 Cylinder Engine
  - 60 Amp Breaker
  - Equipped with
    - 2000 Liter Fuel Tank
  - 9 x Square D Electrical Boxes
    - Complete with
      - On/Off Switches
      - Fuses
      - Resets
- Location: Eastern Canada

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