

200 TPD Modular Gold Recovery Plant with Grinding and Gravity Circuits

[Inventory ID #516756]



Summary:

This used modular plant is all skid mounted and was designed to process gold bearing tailings and recover the gold with centrifugal concentrators and concentrating tables. This plant was processing approx.. 200 TPD but the downstream equipment can process up to 1000 TPD.

Savona Equipment can also provide additional equipment such as **crushing** and **flotation** equipment if required.

Technical information package available upon formal expression of interest.

Primary Components:

- Belt Feeder and Conveyors
- Sepro Falcon SB750 and C400 Concentrators on 1 x Skid with Support Equipment
- Wilfley #6 Concentrating Table
- Many other Cyclones, Pumps, Tanks, Conveyors, Generator, Electrical Controls, Compressor, Screen, Scale, Etc.

Equipment List:

- Ore Receiving Belt Feeder
 - Belt Conveyor: 36 in. x 18 ft. Gravity Gold Processing Plant
 - 5 HP Motor
- Elruss 36 in. x 40 ft. Conveyor
 - 36 in. x 40 ft. Rebuilt
 - 10 HP Motor
- Scale for Conveyor Belt
 - Belt-Way Model 100-36"
- Feed Slurry Mix Tank



- 3M Dia. X 3M High – 20 M3 Volume
- Feed Slurry Mixer
 - 15 HP Motor
- Vibrating Screen Feed Pump
 - 3 in. x 3 in. Allis Chalmers
 - 15 HP Motor
- Vibrating Screen Feed Pump
 - 3 in. x 3 in. Allis Chalmers
 - 10 HP Motor
- Pump Box – Sheet Metal Fabricated
 - 400 Gallon
 - Ball Mill Discharge Pump Box
- Galigher 1.5 in. Sump Pump
 - 5 HP Motor
 - Ball Mill Discharge Pump
- **Falcon SB750 Concentrator**
 - 10 HP Motor
 - Primary Concentrator
- Concentrate Table Feed Pump
 - 5 in. VT – Sala
 - 3 HP Motor
- Concentrate Holding Hopper
 - 55 Gallon
- **Wilfley No. 6 Gold Concentrating Table**
 - 3 HP Motor
- Concentrate Table Tailings Pump
 - 1 in. VT – Sala
 - 5 HP Motor
- Concentrate Area Sump Pump
 - 5 in. Galigher
 - 5 HP Motor
- Mill Cyclone Feed Pump
 - 4 in. VT – Metso
 - 10 HP Motor
- Mill Cyclone
 - 1 x 10 in. – Krebs
- Dewatering Cyclone Feed Pump
 - 4 in. VT – Metso
 - 10 HP Motor
- Dewatering Cyclone
 - 1 x 6 in. – Krebs
- Sieve Bend Screen
- **Falcon C400 Concentrator**
 - 10 HP Motor
 - Secondary Concentrator

- Final Tails Pump Box – Sheet Metal Fabricated
 - 400 Gallons
- Tailings Pump
 - 5 in. x 4 in. Allis Chalmers
 - 10 HP Motor
- Reclaim Water Pump
 - 2 in. Submersible with Float
 - 13 HP Motor
- Electric Generator – Kato
 - Genset for Reclaim Pump
 - 125 kW/480 Volt
- Fuel Tank
 - 115 Gallons
- Fresh Water Supply Pump No. 1
 - 2 in. Gas Driven Engine
 - 11 HP Motor
- Fresh Water Supply Pump No. 2
 - 2 in. Gas Driven Engine
 - 11 HP Motor
- Fresh Water Tank
 - 3500 Gallon
- Fresh Water Distribution Pump
 - 5 in. x 1 in. – Haywood-Gordon
 - 10 HP Motor
- Process Water Tank
 - 4000 Gallon
- Process Water Pump
 - 2 in. x 1.25 in. – TACO
 - 10 HP Motor
- Plant Air Compressor – Champion
 - 6 CFM @ 250 PSIG
 - 5 HP Motor
- Platform Scale
 - 2 Tonne

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