

5000 TPD Ore Processing and Recovery Plant [Inventory ID #375195]



Complete 5000 TPD Gold and Silver Plant

The process includes Crushing, Grinding, Gravity Concentration, Gekko Leach ILR Leach Reactor, Merrill–Crowe process, CCD Circuit, Leach Tanks, Lime System, Merrill Crowe, Refinery Equipment, and many spares. Equipment is in excellent overall condition.

The plant was engineered for 5000 TPD with the actual throughput ranging from 4000 TPD up to 7000 TPD. Mass balance flow sheet available on request.

Drawings, manuals, etc. are available with the plant and can be reviewed on-site.

Dismantling, packaging, loading, and transport services available.

Also available is a Metso VPA Dry Stack Tailings Plant:

<https://www.savonaequipment.com/en/metso-vpa-240-54-vertical-plate-pressure-filter-plant-p288575>

Condensed Equipment List Below:

- 1 x BTI Rock Breaker with Controls
- 1 x Metso Apron Feeder and Grizzly Feeder
- 1 x Metso Nordberg C125 Jaw Crusher, Single Toggle, 37" x 49"
- 1 x Dust Control Systems Dust Collector
- 1 x Atlas Copco Compressor
- 1 x Stacking Conveyor 900mm x 160m with Eriez Magnet

1 x Apron Feeder

1 x Hardinge SAG Mill, 6.4m x 3.35m (21' x 11') EGL, 2875 HP Toshiba Motor

1 x Terex Vibratory Pan Feeder 914mm x 1829mm

1 x Conveyor 900mm x 160m

1 x Fuller Traylor Ball Mill, 4.88m x 7.47m (16' x 24'), 2984 KW Westinghouse Motor

1 x Spare Fuller Traylor Ball Mill

2 x Weir (Warman) Centrifugal Pumps Feeding Cyclones

6 x Weir Cyclones with Distributor

1 x Falcon SB2500 Centrifugal Concentrator

1 x Gekko ILR Inline Leach Reactor System

1 x Outotec Grinding Thickener, High Rate, Hydraulic Lift and Lower, 25m Diameter

2 x Weir (Warman) 16x10x18 Centrifugal Slurry Pumps

6 x Outotec CCD Thickeners, High Rate, Hydraulic Lift and Lower, 23m Diameter

5 x Weir (Warman) 16x10x18 Centrifugal Slurry Pumps

1 x Goulds 12x10x16 Centrifugal Slurry Pump

1 x 10m x 7.7m Rich Solution Tank

6 x Leach Tanks with Lightnin Mixers, 16.8m x 17.5m Tanks, Dual Impeller, Rubber Lined, Air Sparge Down Shaft

2 x Neutralization Tanks with Agitators, Hansen Reducers, Hydrofoil Double Impellers

1 x Process Water Tank 12m x 12m

2 x Neutralization Tanks 10m x 10.5m

3 x Whittier Horizontal Pressure Leaf Clarifier Filters

2 x Goulds Precipitator Feed Pump 8x10-16

3 x J-Press Recessed Plate Filter Presses

2 x Summit Valley Mercury Retort Dryer

2 x Atlas Copco Neutralization Blower

3 x Atlas Copco Rotary Screw Air Compressors

1 x 4.5 MW Cat Standby Generator with Cooling Station and Transformers

1 x Eurostar Concrete Technology S.p.A Shotcrete Plant

1 x Concrete Batch Plant

Many Spares Available

Also Available:

Metso Dry Stack Tailings Plant

Underground mining equipment including: Underground Trucks, Jumbo Drills, LHD Scooptrams, Fans, Electrical, and much more.