

3500 TPD Gold Silver CIL Ore Processing Plant [Inventory ID #411618]



This approx.. 3500 TPD Gold Silver CIL process and recovery concentrator plant has a design capacity of 1.3 Million TPA and includes a feed and crushing circuit, an ANI FLSmidth SAG and Ball Mill circuit, while precious metal recovery is by a carbon in leach process and electrowinning. The final product from the plant was doré which was shipped off-site to a refinery. The package includes a complete assay laboratory and plant spares package. The working capacity of the plant ranged from 2000 to 4000 TPD.

On receipt of formal expressions of interest Savona Equipment can assist with estimating costs to deliver the plant to a new site. Savona Equipment can also assist a purchaser with transporting the equipment to and commissioning the plant at a new site.

Please request a quote from Savona Equipment Ltd. by filling in the quote form or you can contact our Canadian head office by calling **+1-250-373-2424** or emailing sales@savonaequipment.com

Ore Delivery:

- Telsmith 48in. x 21ft. Apron Feeder
 - SHD, (86 Plates)
 - WEG 15 HP Motor
- Sandvik JM 1108 Primary Jaw Crusher
 - WEG 110 kW Motor
- Mercurio 230m 36in. 4mesh 9+6 Belt Conveyor – Crusher Ore
 - WEG 55 kW Motor
- Mercurio 13m 36in. 4mesh 12+3 Reclaim Feeder
 - WEG 15 kW Motor
- 2 x Mercurio 160m 36in. 4mesh 9+6 Belt Conveyor – SAG Mill
 - WEG 7.5 kW Motor

Crushing & Grinding:

- ANI Engineering 6.10m D x 3.05m L SAG Mill
 - WEG 2500 HP (4160V) Motor
- Symons 3ft. Cone Crusher Standard
 - WEG 90 kW Motor

- Sandvik CH430 Cone Crusher Short Head
 - WEG 120 kW Motor
- Symons 3ft. Cone Crusher Short Head
 - WEG 90 kW Motor
- 2 x Vulco MSR200 Cyclone Feed Pump
 - WEG 220 kW Motor
- 4 x Cavex 400 CVX Cyclone Feed Pump
 - WEG Motor
- ANI Engineering 4.27m D x 6.7m L Ball Mill
 - Toshiba 2500 HP (4160V) Motor
- Outotec PSI 300 Particle Size Indicator
- Eriez SE-7328 SC-2 Tamp Iron Magnet
- Tecweight WY 15 Weightometer – SCAT

Compressed Air:

- Ingersoll Rand Compressor
 - WEG 75 kW Motor
- Ingersoll Rand Compressor
 - WEG 132 kW
- Sullair LS-20S-150L Compressor
 - WEG 132 kW Motor
- Atlas Copco ZE4J Blower
 - WEG 132 kW Motor

Carbon in Leach (CIL):

- 7 x Lightning 780Q 60 Drive CIL Tank Agitator Dual Impeller
 - WEG 45 kW Motor
- 2 x Warman MG15 Tailings Pump
 - WEG 185 kW Motor
- 7 x CIR S.A 11m D x 9.7m H (920m³) CIL Tank
 - A361/4in. Internal Revest

Ore Receiving:

- Eriez N4-50C31 Tramp Iron Magnet
- Erie Metal Detector
- Termofisher Ramsey 10-20-1 Weightometer - SAG Mill

Utilities:

- CIR S.A 10m D x 9.7m H (920m³) A361/4in. Fresh Water Tank
- CIR S.A Process Water Tank

Elution, Electrolysis & Casting:

- ANSAC HC 2835D Carbon Reactivation Kiln
- ANSAC HK 510 LP Cardon Reactivation Kiln
- COMO Engineers 1200kW/P 0.650 Mpa/T140°C Direct Solution Heater

Refinery:

- 2 x Electrowinning Cells
- Balance -Viper SW 35 DeltaRange
- Melting furnace
- Drying oven – ESSAB
- Safe

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[Complete Assay Lab Included.](#)

Many Spare Parts Included

You can view the list of assay lab equipment here: [Complete Assay Lab](#)

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