



CRUSHING SCRUBBING GRINDING GRAVITY CONCENTRATION SCREENING  
AGGLOMERATION DENSE MEDIA SEPARATION LEACHING PUMPING CRUSHING  
SCRUBBING GRINDING GRAVITY CONCENTRATION SCREENING AGGLOMERATION  
CRUSHING **MINERAL PROCESSING AND AGGREGATE SPECIALISTS** SCRUBBING  
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## MINERAL PROCESSING AND AGGREGATE SPECIALISTS

Sepro Mineral Systems Corp. specializes in the design and supply of equipment, systems and plants for gravity concentration, crushing, scrubbing, screening, agglomeration, milling, dense media separation, leaching, flotation and pumping. The separation and beneficiation of ores, minerals and construction aggregates is our area of expertise which leads to your target recovery. We are committed to providing state-of-the-art processing solutions for new and existing projects worldwide.



### 1 CRUSHING

Many custom plants designed by Sepro include our state-of-the-art crushing equipment. Sepro supplies processing solutions which include the Blackhawk Cone Crusher, Sepro-YW Jaw Crusher as well as impact crushers to best suit the application.

### 2 SCRUBBING

Sepro Pneumatic Tyre Driven Scrubbers operate in many applications on feeds with high clay content, and are the optimum choice for difficult ore and stone washing duties. They feature a simple design and incorporate robust components to give low operating costs combined with high availability.

### 3 GRINDING

Sepro Pneumatic Tyre Driven Grinding Mills are a reliable solution for small and medium capacity grinding applications. They provide an alternative to standard trunnion drive systems, and are suitable for ball, rod and pebble charges.

### 4 GRAVITY CONCENTRATION

For 25+ years Sepro has dedicated our research and development to simple, proven and effective high G-force gravity concentration equipment for the recovery

of fine metals and minerals in a wide range of industries. Falcon Concentrators are available in Semi-Batch (SB), Continuous (C), and Ultra-Fine (UF) models.

### 5 SCREENING

Screening solutions offered by Sepro cover both coarse and fine mineral processing and aggregate applications. Sepro-Sizetec Screens are used for a variety of particle size separation and dewatering duties, and are available in single and double deck designs.

### 6 AGGLOMERATION

Sepro manufactures Pneumatic Tyre Driven Agglomeration Drums for both cyanide and acid leaching. Already installed at multiple locations worldwide, Sepro PTD Agglomeration Drums are the ideal selection for efficient binding of fine ore particles which leads to maximum recovery.

### 7 DENSE MEDIUM SEPARATION

The multi-stage system of Sepro's Condor Dense Medium Separator is economical, adaptable, and efficient. Up to three products are produced from one vessel through sharp separation with a variable feed.

### 8 LEACHING

A completely automated process, the Sepro Leach Reactor offers a streamlined simple design and low maintenance. No valuable fines are wasted as the Sepro Leach Reactor features a longer leaching cycle, setting the standard for gold recovery.

### 9 PUMPING

The Sepro line of horizontal and vertical slurry pumps are designed to withstand the most challenging conditions in the mining, aggregate, chemical and industrial sectors. Sepro offers a variety of different models to suit specific project requirements, all of which can be incorporated into our complete plant solutions.

### FLOTATION

The easily transportable Sepro Flotation Plant features two banks of self aerating cells to selectively separate and reject waste materials in the recovery process. The plant includes all on unit wiring and piping and arrives pre-assembled, shop tested, with minimal set-up requirements. One of several modular plants offered by Sepro, leaching and milling modules are also available.

## AGGLOMERATION 6

Sepro designs customized heap leach plants from crusher to radial stacker which feature Sepro Tyre Driven Agglomeration Drums.

## DENSE MEDIUM SEPARATION 7

Sepro Condor Dense Medium Separators utilize two stages of separation to maximize recovery. Pre-engineered Sepro DMS Plants are available.

## CRUSHING 1

Sepro Blackhawk Cone Crushers and Sepro-YW Jaw Crushers feature the latest technology. Suitable for most difficult applications from hard rock to pebble crushing.

## SCRUBBING 2

Sepro Tyre Driven Material Scrubbers are available up to 3.6m in diameter and are an optimal choice for difficult ore or stone washing duties.

## SCREENING 5

Full range of Sepro sizing and dewatering screens to enhance crushing, grinding and gravity separation as well as many other unit operations.

## GRINDING 3

Sepro Tyre Driven Grinding Mills are a reliable solution for small and medium capacity applications and feature rubber shell liners and lifters to extend wear life.

## CONCENTRATION 4

Sepro Falcon Gravity Concentrators are available in Semi-Batch (SB), Continuous (C), and Ultra-Fine (UF) models. Falcon's high G forces = higher recovery.

## PUMPING 9

Complete range of Sepro Pumps for slurry, sump, froth, tank and fluid applications provide high wear resistance in abrasive environments.

## LEACHING 8

Gain higher recovery with no loss of fines with the Sepro Leach Reactor, a high yield processing solution.

## FLOTATION

Modular Sepro Flotation Plants feature self aerating flotation cells and are trailer mounted, making them easy to transport to site. Additional mill and leaching modules available.

## YOUR SOURCE. EVERY STEP OF THE WAY.

Sepro Mineral Systems Corp. knows mineral processing. We have been in the business for decades, and have the expertise, people power, and experience to solve even the most difficult recovery application. Our custom plants have enriched the operations from small scale artisanal miners to the largest mining sites of the world. Sepro designs modular and complete plant solutions that surpass the expectations of today's mining industry.

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## Our Commitment and Service Guarantee

For more than 25 years, Sepro Mineral Systems Corp has designed and supplied dynamic equipment solutions for the global mining, metal and aggregate industries. We have built a solid reputation for design simplicity, proven products and effective applications. Based out of Vancouver, Canada with satellite offices strategically located in the United Kingdom and Ghana, Sepro is represented by qualified and approachable personnel in over 15 countries. With our team of dedicated and experienced professionals, Sepro Mineral Systems Corp is committed to providing state-of-the-art mineral processing solutions and exceptional customer service for new and existing projects worldwide.

