

A.R.S - Heap Leaching Technology



*ARS Mining
Filtration Systems
Solutions
For Copper ,Nickel
And Gold Heap
Leaching Process,
ILS ,PLS & Raffinate
Solution*



*ARS Comprehensive Product Line And
Full Range Of Filtration Technologies*

Filtration Systems Solutions

ARS Mining heap leaching treatment offers a wide variety of filtration systems solutions tailored to the mining sector. Water in mining serves many roles as intake/raw water, process and utility water, drinking water and wastewater, and ARS systems can be installed at any stage to meet those needs. With a full suite of filtration technologies as Hydrocyclone Sand Separators, FBC Technology, Screen, Disc, Microfiber, Media, modular product lines, we deliver customized systems engineered for the toughest climates, challenging water qualities, and stringent technical requirements. Our mining solutions produce processed water to specification while also focusing on cost reduction and waste minimization. ARS cost-saving technologies include reactor systems, mechanical screening, chemical treatment and suspended-solids filtration, all designed and implemented in compliance with international standards.

Features & Benefits

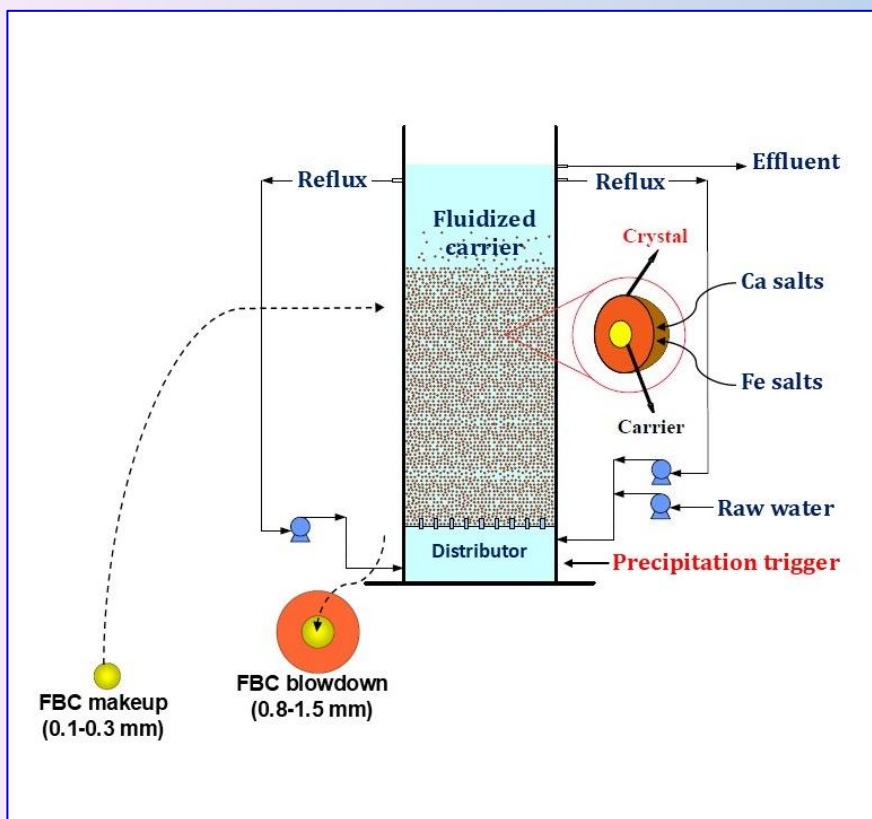
- 💧 Plug-and-Play
- 💧 Automatic self-Cleaning.
- 💧 commercial series
- 💧 Fully automatic
- 💧 Specially designed for heap leaching.
- 💧 Removing any suspended solids
- 💧 Filters can be designed for higher working pressure.
- 💧 High chemical resistance.
- 💧 Cyanide Application



Filtration Systems Solutions

FBC Technology

- Fluidized bed crystallization (FBC) uses silica sand as carriers and crystallization seeds to recover metal salts or inorganic ions from raw water in crystalline forms.
- The FBC technology offers advantages over other means for precipitating because of a very high total precipitation surface area in the reactor.
- NO SLUDGE! Dry crystals are produced at a size of 0.8-1.5 mm which can be



Applications

- 💧 Heap Leaching -PLS/ILS & Raffinate.
- 💧 Heap Leaching Irrigation.
- 💧 Mining waste water.
- 💧 Drinking water.
- 💧 Mining process water.
- 💧 Water recycling.
- 💧 Pre-filtration for RO/UF/M-M



High Quality Filtration System



ARS Filtration Solutions For Heap Leaching And Mineral Processing.

The filters are built for extended operation in the toughest environments. They are suitable for liquids transfer, and the filters constructed from corrosion-resistant and all styles can be customized to suit your exact application.



For More Information

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