MINING & HEAVY INDUSTRY

ROBOTIC SOLUTIONS

MIRS, leader in robotic applications for mining and heavy industry, has applications for a wide range of production processes, with solutions aimed at improving productivity and reducing costs.

MIRS products incorporate state-of-the-art robotics for more efficient and safer operations.

- **Reduces Production Costs**
- **Increases Process Reliability**
- **Ensures Operational Health and Safety**
- **Improves Final Product Quality**

ROBOTIC APPLICATIONS

- Robotic Haul Truck Washing Station
- Robotic Collector of Concentrate Samples from Trucks
- Robotic Collector of Concentrate Samples from Maxibags
- Robotic Cathode Stripping Machine
- Starter Sheet Robotic Stripping Machine
- Robotic base plate buffing
- Robotic Furnace Passage Tapping and Plugging
- Robotic Mill Liner Change (Internal, External and Trommel)
- Scheduled Maintenance Service, Technical Assistance, Training and Supplies

ROBOTIC SYSTEMS

ENGINEERING

SERVICE & PARTS

MIRS
MINING & HEAVY INDUSTRY ROBOTICS

www.mirsrobotics.com
contacto@mirsrobotics.com

CATHODE STRIPPING MACHINE

The existence of old cathode stripping machines in electro-winning vessels, which over time have fallen into obsolescence and lost reliability due to poor maintenance and sustained misuse, has resulted in low cathode production, increasing operational costs.

Given this, MIRS has designed, developed, and implemented the Robotic Cathode Stripping Machine application, as an autonomous unit, created to adapt to different operating conditions and quality of the input cathodes, applying different algorithms as recommended by the sensor and the configuration.

In addition, its modular design allows for high installation flexibility, as well as greater safety for people and processes, accompanied by a design with optimal maintainability.

MIRS developed this application which is capable of being integrated and complemented with other processes, such as washing, sampling, corrugated and palletizing.

BENEFITS

- Extendable as needed
- Greater versatility
- Lower maintenance costs
- Improves final product quality
- Handles KIDD and ISA plates

GREATER AVAILABILITY AND RELIABILITY IN THE CATHODE STRIPPING

MIRS
MINING & HEAVY INDUSTRY ROBOTICS
www.mirsrobotics.com
contacto @mirsrobotics.com