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

MI ROBOTIC SAMPLER

MAXIBAG ROBOTIC SAMPLER

It is a fully robotic sampling system, designed, developed, and implemented especially for metal concentrates (copper, molybdenum, cobalt, zinc, lead). It is the most advanced concentrate sampling system in mining and heavy industry, thanks to its high-quality German robotic technology and maximum precision.

MI Robotic Sampler enables improved sampling quality standards and productivity, due to its proven and reliable technology.

It provides representative and unbiased samples, minimizes human interaction, and eliminates sampling error.

In addition, it delivers full depth of penetration.

This solution minimizes sampling times, which can be programmed and selected as needed.

BENEFITS

- Eliminates sample loss and cross-contamination.
- Eliminates bad operational practices that alter the representativeness of the sample.
- Constant and representative sample size.

RELIABLE CONCENTRATE SAMPLING

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