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

MI ROBOTIC SAG MILL

REMOVAL AND RETORQUING OF NUTS/BOLTS

Set of robotic applications designed and developed by MIRS to automatically or remotely perform scheduled maintenance work in SAG mills, reducing human interaction to the maximum and reducing the time normally considered in the maintenance process.

These solutions are made up of high quality and world class robots, making it a more accurate, safe and profitable operation system.

ROBOTIC SOLUTIONS

- Robot for removal and retorquing of nuts and bolts bolts in SAG mills.
- Robotic manipulator for mill liners.
- Trommel pallet robotic manipulator.
- Ball loading.

BENEFITS

- Millimeter precision and force capacity.
- Interaction and communication between different robotic applications.
- Robotize maintenance process in a safer way and in less time.
- Optimizes process reducing time and resources and resources involved.

MILLIMETRIC PRECISION, OPTIMIZES THE PROCESS AND REDUCES TIMES

✓ OPTIMIZES PROCESSES

✓ OPERATIONAL SAFETY

✓ LESS MAINTENANCE TIME

✓ LESS MANPOWER REQUIRED

MIRS
MINING & HEAVY INDUSTRY ROBOTICS

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