



Measurement Solutions

FOR THE MINING INDUSTRY

- **Level**
- **Pressure**
- **Pump Protection**
- **Rotational Motion Control**
- **Linear Position**
- **Cable Management**
- **Static Grounding**

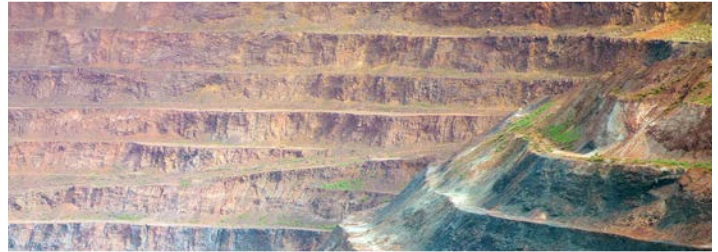
Mining Operation

The process of mining is complex, with several important stages to bring raw minerals to a finished product. From actual mining, crushing, transport, preparation and beneficiation to waste collection and reclamation, there are numerous processes that require critical measurements to insure the proper handling of minerals. Ametek is a leading manufacturer of level, pressure, temperature and position measurement instrumentation that is robust enough to withstand the harsh environmental conditions in the mining industry.

We thank you for considering Ametek Sensors' products, and we appreciate the opportunity to provide you with the very best in measurement solutions. We are committed to providing you with:

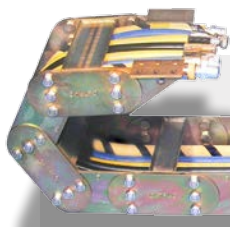
- Best level, pressure and position measurement expertise in the industry
- Best value in the most state of the art instrumentation
- Best customer support and service
- Widest breadth of technologies
- Highest possible product quality
- Best in class products

Ametek Sensors, Test and Calibration is known worldwide as a premiere manufacturer of high quality instrumentation. We have earned our reputation as a world leader by providing reliable and accurate solutions to the most demanding



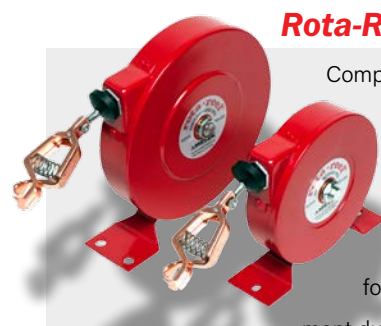
applications in virtually every industry. It is the goal of Ametek Sensors, and our worldwide network of representatives and distributors, to provide the most appropriate technology solution to meet your requirements..

We pledge to provide you with a quality solution based on over 50 years of field experience that will be perfectly suited for your application.



Cable Management Systems

Series 8060 Catrac Model ■ Protects cables and hoses from abrasion, wear and twisting for machines in motion ■ Durable Steel construction to withstand severe hydraulic loads ■ Available in a variety of heights, widths, lengths, and materials to meet your needs



Rota-Reel

Compact and light weight ■ Ruggedly built for reliable performance

- Internal spring mechanism provides easy extension and automatic retraction
- Perfect for static grounding of mobile equipment during loading and unloading

The Products You Need for the Mining Industry

Guided Wave and Open Air Radar



DR Series Models with 2-wire output and easy 3-step setup process ■ Class I, Div 1, Zone 0 installation ■ Special process separator for the most extreme conditions ■ Stable measurement through agitated surfaces, foam, and fine dust in the tank ■ Probe types and materials for all applications

Universal IV CM-Lube Oil Moisture Monitor



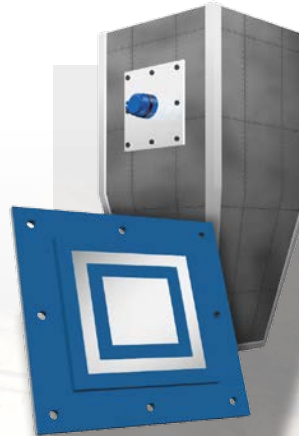
Durable: Offered in either a direct pipe insertion mount or an integral spool piece ■ Detection Capability as low as .03% (300ppm) water in lubrication oil systems ■ Excellent for large pump protection ■ Low maintenance ■ Temperature compensated

Point Level Detection



ThePoint or Intellipoint Models ■ Excellent in liquid, slurry or granular applications ■ Ignores coatings on the measurement probe ■ Switching relay or mA output ■ 2-wire or line powered ■ No calibration; easy to install

Plugged Chute Detector



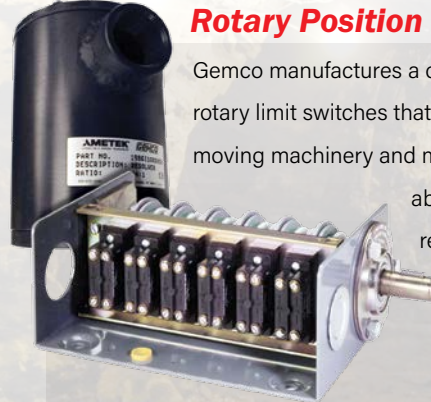
Unique sensor design does not interfere with flow of material ■ Cote-Shield™ technology eliminates false alarms due to coatings ■ Electronics can be mounted remotely, away from high vibration ■ Great for feed bin, conveyor, storage tanks and delivery chute applications

Linear Position Feedback



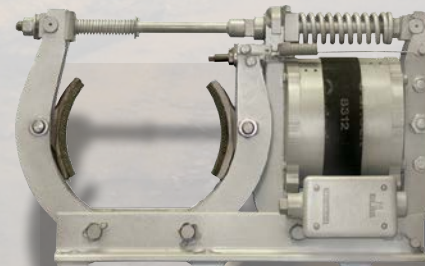
Rugged, magnetostrictive linear displacement transducers ■ Available in Rod, Profile, and Embedded style packages ■ A variety of outputs to meet your sensing needs ■ Most designs are lab tested to a shock resistance of 1,000 G's and vibration to 30 G's

Rotary Position



Gemco manufactures a complete line of mechanical rotary limit switches that can provide end limits for moving machinery and mechanisms. We also offer absolute single and multi-turn resolvers in a variety of package styles to meet your mounting requirements.

Industrial Brakes



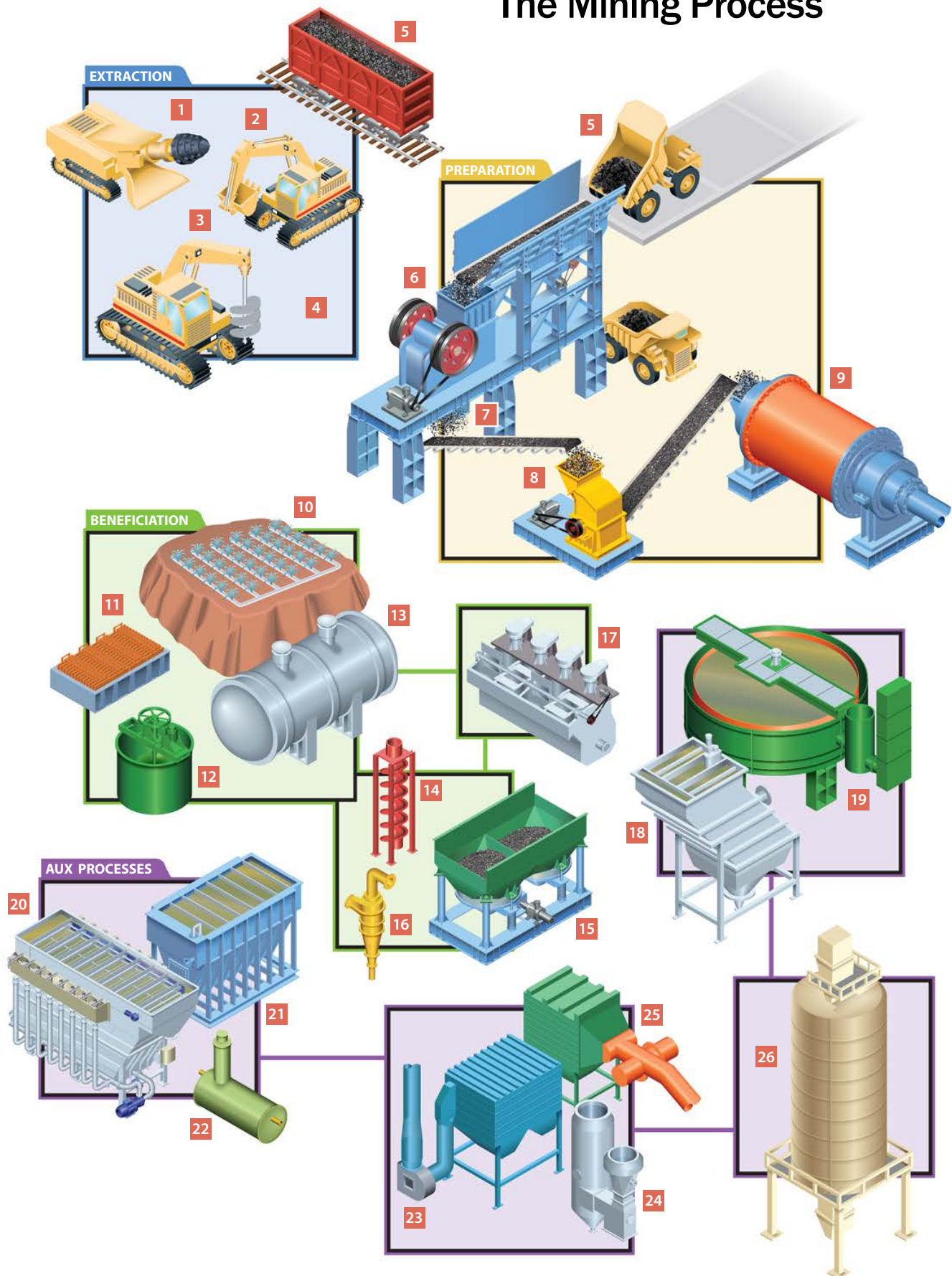
Gemco Industrial brakes stop virtually any type of industrial machine. These field proven, high performance brake systems are tough, reliable, and provide trouble-free service. AISE rated and made in the U.S.A.

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The Mining Process



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Hunter → →
Spring

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