



Pump Applications in Copper Mining

Southern Pumping brings extensive expertise to diverse mining applications, spanning coal mines, underground operations, zinc mining, open-cut mining, sand and gravel quarries, and more. Our array of tailored pumps caters to the unique demands of each mining scenario.

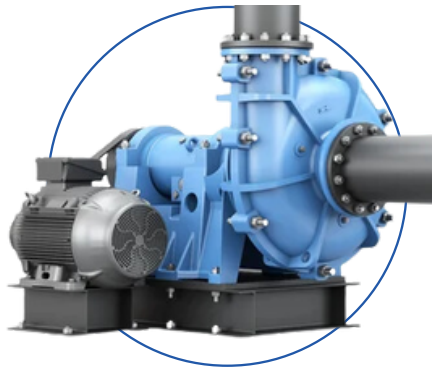
At Southern Pumping we offer consultation and solution ideation, full-service maintenance of pump systems, sourcing and distribution of specialized pump componentry, and perform fabrication, machining, and repairs in our own workshop.



Selecting pumps for mining is a specialized process, as no two pumps are identical in this field. Our meticulous approach considers crucial factors such as required discharge head/pressure, suction conditions, fluid type, fluid temperature, available power, spare parts availability, ease of service, and other site-specific requirements.

Southern Pumping conduct thorough assessments to precisely match the right pump to your mining site.

Southern Pumping is your partner for all things pumping.



Copper Ore Slurry Pumping

Slurry pumps are ideal for copper mining because they efficiently transport copper ore slurry, which is both high-viscosity and abrasive. Centrifugal slurry pumps with hard metal linings are designed to withstand these harsh conditions while maintaining smooth flow. Their wear-resistant construction ensures durability, reducing maintenance, and their ability to handle varying flow rates provides flexibility and reliability. This makes slurry pumps a dependable choice for copper mining operations.



Copper Concentrate Filtration

Peristaltic pumps are ideal for copper concentrate filtration due to their ability to handle high pressure while providing precise dosing and control. This is crucial for removing impurities and producing high-quality concentrate. These pumps efficiently manage high-viscosity fluids without clogging, requiring minimal maintenance. Their consistent flow and pressure make peristaltic pumps a reliable choice for copper concentrate filtration in copper mining.



Copper Tailings Management

A vertical turbine pump is ideal for copper tailings management because it handles high solids content and ensures reliable transport. Copper tailings, a byproduct of copper mining, require proper management to prevent environmental harm, and these pumps' robust construction withstands harsh conditions. The multi-stage design allows them to manage varying flow rates and high head, enabling efficient transport to designated storage facilities. With consistent and effective performance, the vertical turbine pump is a dependable solution for copper tailings management.

- ✓ Source
- ✓ Custom Retro-Fit
- ✓ Mobile Service Units
- ✓ Set Price Servicing
- ✓ Supply Components
- ✓ No Call Out Fee
- ✓ Product Training
- ✓ Laser Alignment
- ✓ 1hr Min Charge Out
- ✓ Condition Monitoring
- ✓ On Site Workshop
- ✓ No Extra Travel Costs



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