



Pump Applications in Coal 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.

Coal Seam Dewatering



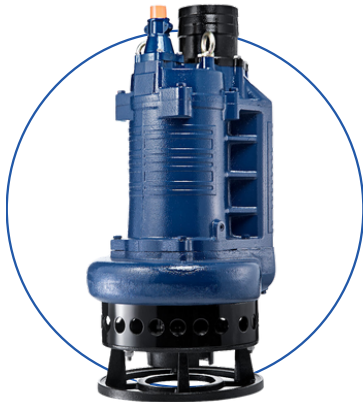
Air-operated diaphragm pumps are ideal for dewatering in coal mines due to their versatility and safety features. These pumps can handle a wide range of fluids, they are intrinsically safe, self-priming, and can run dry without damage, making them reliable in fluctuating conditions. Their durable design with fewer moving parts results in lower maintenance and longer life, while their portability and ease of installation provide flexibility in mining operations. With adjustable flow and pressure, these pumps can meet a variety of head requirements, ensuring effective dewatering in coal mining settings.

Coal Slurry Transportation



Centrifugal pumps are perfect for transporting coal slurry in mining due to their ability to handle abrasive, high-viscosity fluids at high flow rates. With wear-resistant rubber linings, they efficiently move slurries containing high concentrations of solids, providing durability and reliability. Their simple design, scalability, and customizability allow them to meet various operational needs, while their continuous operation capability ensures they can handle the demands of coal mining. These features make centrifugal pumps a dependable choice for coal slurry transportation.

Coal Ash Handling



Submersible slurry pumps are ideal for handling coal ash, offering efficient transport of abrasive ash slurries to storage sites. Their submersible design allows direct immersion, while robust materials like high-chrome alloys ensure durability. These pumps handle high solids content without blockages and produce high flow rates and pressure for effective transport. With reduced risk of cavitation and flexible installation, they are a practical choice for coal ash management, helping prevent environmental pollution.

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



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