

# ARO

*Pump Products for the  
Mining Industry*



**IR** Ingersoll Rand  
Industrial Technologies

# Pumps and products that deliver in every phase of mining operations

ARO air-operated pumps have been utilized in the mining industry for decades. Their rugged reliability, stall-free operation and convenient portability have made them a fluid handling favorite in every phase of mining operations. These include mud and muck pumping, dewatering, drift dewatering, fuel-transfer, lubrication and more. As part of worldwide Ingersoll Rand, ARO has the expertise, the technologies, the resources and the performance that is legendary. If your mining operation has a pumping challenge that your current pumps are struggling with...maybe its time you tried a legend: ARO.



Available in 1-1/2", 2" and 3" port sizes.

## Introducing the ARO Dewatering Series Diaphragm Pumps.

With a fluid handling product offering that is legendary throughout industry, ARO is pleased to bring the mining professional an entirely new line of air-operated dewatering diaphragm pumps. We've taken the patented technologies that have made the ARO brand famous and added features that will make these new pumps the mining professional's first choice when it comes to trouble-free fluid handling. Check out these features:

Use the new ARO Dewatering Diaphragm pumps for these and other mining applications:

Concrete Wall Support Transfer Pumping

Mud and Muck Pump-Out

Drift Dewatering

Mine Chemical Transfer and Supply

Solids and Semi-Solids Evacuation

Drillers Mud



- **Powerful Suction Lift:** The new Dewatering Series pumps have been engineered to address this key performance capability, where it comes to getting fluids up and out of critical areas within the mine.
- **Big Flow Rates:** Our new Dewatering Series Diaphragm Pumps can deliver industry leading flow rates to cover even the most demanding operation in the mine.
- **Need to Pump Solids or Semi-Solids?** No Problem! The Dewatering Series pumps can handle semi-solids up to 1" (25.4 mm) in diameter. Simply remove two bolts and the front of the screen comes off for easy access to large NPT or BSP threaded inlet ports.
- **Comfort-Grip Handles Improve Portability.** While air-operated diaphragm pumps are valued for their portability around the site, having handles on the pump make things even more convenient. Our new Dewatering Series pumps feature comfort-grip handles that allow the user or maintenance personnel to get the pump from point A to point B quicker and with less hassle.
- **Maintenance – Wise, Bolted is Better.** Our new dewatering pumps feature bolted construction for faster and easier maintenance...especially when compared to band clamps that require two people and three hands to re-assemble.
- **New, Easy-Access Screened Inlets** In mining operations where pumping conditions include all sorts of unwanted debris, our new pump inlet screens keep the trash out of the pump. And when its time to remove for pump inspection or replacement, they have an all-new, easy-to-access design that will cut maintenance time down to size.
- **Stall-free, Ice-Free Operation:** The patented ARO air motor design is an integral part of the new Dewatering Series pumps. When other pumps stall out or ice-over, especially in intermittent operation, the ARO pump keeps on going...without any need to apply hot water or hammers.
- **Rugged and Reliable:** We understand the world of mining; operating conditions that can be brutal on production equipment. Our Dewatering Series pumps, and all of our equipment, have been built to both withstand and flourish in these extreme conditions.



## ARO Centrifugal Pumps

Our Centrifugal Pump line is the answer in mining operations where space is tight and high flows are a must. Constructed of heavy-gauge aluminum and capable of withstanding the most punishing environments, these pumps deliver high flows with very low maintenance.



## ARo EXPert Series Diaphragm Pumps

In mining operations where an ultra-reliable, ultra-efficient, engineered pump is in order, the ARO EXP Series Diaphragm Pump is the product path to take. Its patented Simul-Shift stall-free and Quick-Dump ice-free design make these pumps the ultimate answer to the most demanding applications. Available in both metallic and non-metallic models with flow rates that reach 275 GPM (1,041 LPM), the ARO Expert series pump will deliver every time. And because their air motors are so efficient in their operation, you will save energy costs while helping the environment.



## ARO Lubrication Equipment

Our pumping technologies include the famous Thunder™ line of lubrication oil and grease pumps that feature high flow rates with minimal upkeep. Whether it's mining machinery that requires on-site lube service or any application in your facility, ARO lube pumps and packages deliver the first time every time.



## Get started with Ingersoll Rand

The Ingersoll Rand 150T-MINE turbine starter kit delivers unsurpassed reliability, durability, and convenience to starting mine haul trucks. Our kit is compatible with many types of engines and trucks, and since all the components you need to convert to the 150T starter are included with the kit, you can avoid the hassles associated with ordering parts and designing your starter system.



Ingersoll Rand air compressors are found throughout the mining industry powering all manner of mining-related equipment. From basic, portable compressors for use in the maintenance shop, to large, 2-stage rotary and centrifugal machines capable of generating 500 horsepower, Ingersoll Rand has the technologies and the solutions to minimize your energy spend and increase your performance.



Ingersoll Rand (NYSE:IR) advances the quality of life by creating and sustaining safe, comfortable and efficient environments. Our people and our family of brands—including Club Car®, Ingersoll Rand®, Schlage®, Thermo King® and Trane®—work together to enhance the quality and comfort of air in homes and buildings; transport and protect food and perishables; secure homes and commercial properties; and increase industrial productivity and efficiency. Ingersoll Rand products range from complete compressed air systems, tools and pumps to material handling systems. The diverse and innovative products, services and solutions enhance our customers' energy efficiency, productivity and operations. We are a \$14 billion global business committed to a world of sustainable progress and enduring results. For more information, visit [ingersollrandproducts.com](http://ingersollrandproducts.com).



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