The Lightweight Dual-Diaphragm Pumps that Outperform and Outlast the Competition

Pumps 2000 Pneumatic Diaphragm Pumps.

Designed for abrasive, solid-laden and corrosive fluids and to create an alternative to heavy, maintenance-intensive diaphragm pumps.

- > Less downtime and maintenance – **Pays for itself**
- > Dryer mine – **Lowers indirect costs**
- > Lower air consumption – **Saves on energy costs**
- > Lightweight – **Results in less injury**
- > Low noise levels

Ask about our **TRIAL PROGRAM**

P50BY- 2"/50mm Ball Valve

Pumps 2000
Innovation & Excellence

Pumps That Outlast All Others

The unique design of **Pumps 2000 pneumatic diaphragm pumps** are based upon more than **35 yrs. of experience** with design and manufacture of non-metallic mining equipment.

From the outset, the focus was on creating an ultra-reliable, low weight, rugged and impact resistant pump that would offer the lowest possible air consumption.

Reliability & Long-Life Operation

Reliability is of the utmost importance in mining application as pump failures lead to flooding, putting workers at risk and imposing potentially massive repair cost on equipment.

Pumps 2000 offers a complete redesign of the diaphragm pump with patented design components resulting in operational life and consistent reliability far beyond what is available in other pumps with no practical end of life. You will save on maintenance, labor costs, replacement pumps and indirect costs such as vehicle maintenance due to a dryer mine while improving the overall efficiency of your operation.

Large Particle Handling

Pumps 2000 unique slurry pumps allow particles of various types and sizes to pass through the pump unobstructed. If there's enough liquid to carry the solids, Pumps 2000 slurry pumps get the job done.

Low Air Consumption

Low air consumption is especially important due to increasing energy costs. With a lower air consumption to output ratio, Pumps 2000 pneumatic diaphragm pumps do a better job using less air than traditional pumps.

Lubrication-Free

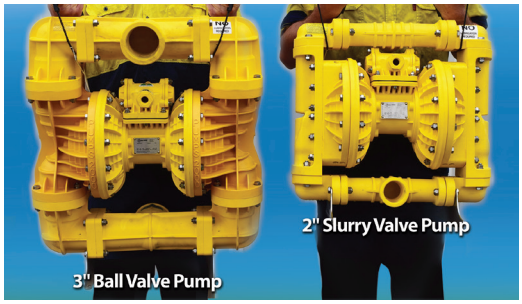
Pumps 2000 pumps use plastic components that are low wear and low friction to give you lubrication-free, long-life operation. Save on spare parts, oil, time and labor expenses.

Explosion Proof

All Pumps 2000 pumps are ATEX M2 Certified and our FRAS (flame retardant antistatic) pumps are **ATEX M1** rated giving you the highest explosion proof rating.

Light Weight

Correct use of plastic materials enables Pumps 2000 to offer the lightest mining pump on the market reducing the risk of lifting-related workplace injuries. Their light weight allows you to re-locate and maintain pumps quickly and easily.

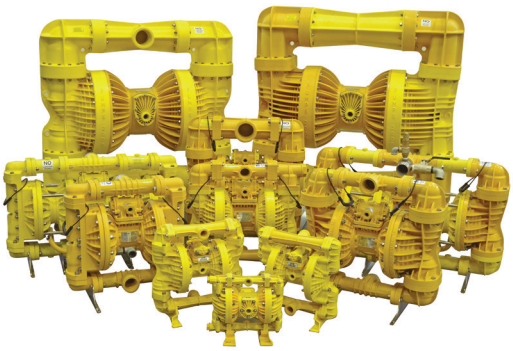


Safety

Pumps 2000 achieves the highest level of safety with industry leading low weight and low noise levels, **ATEX certified** materials and corrosion proof all-plastic pumps to ensure compatibility with a wide range of fluids and powders.

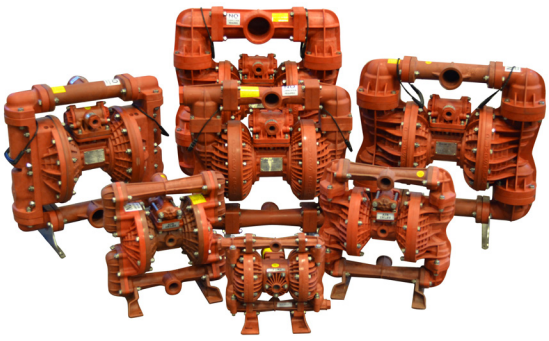
Ease of Maintenance

Pumps 2000 pneumatic diaphragm pumps contain a minimal number of components. Because they contain few parts with different models sharing many of the same parts, you will have no headaches when it comes to maintenance.



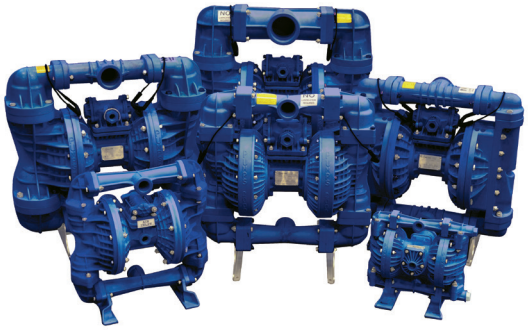
Yellow Series

ATEX certified pumps, suitable for general water and slurry conditions, salt water, some low PH acid applications, applications requiring food grade approved materials of construction and more. The Yellow series has an ATEX M2 rating. The pump housing is made of a nylon blend and the internal elastomers are hytrel.



Red FRAS (Fire Retardant Anti-Static) Series

ATEX certified pumps suitable for continuous use in hazardous Explosive atmospheres. FRAS Series pumps are Fire Resistant & Anti-Static. The Red Series has an ATEX M1 rating. The pump housing is made of a nylon blend and the internal elastomers are hytrel.



Blue Series

ATEX certified pumps suitable for a wide range of acids, caustics and other chemicals. The Blue series pump housing is made of a polypropylene blend and the internal elastomers are santoprene.

Ebony Series

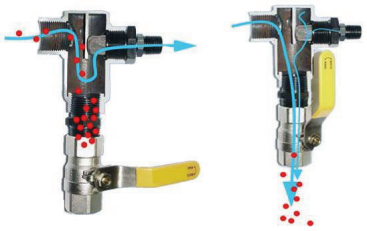
ATEX certified pumps suitable for a wide range of acids and other chemicals. The Ebony series pump housing is made of a Noryl blend and the internal elastomers are santoprene.

Other materials are available to suit your specific application. Please contact us with your application details so that we may select the right mix of materials for your specific application.

Pump Accessories

Air Inlet Particulate Diverter Valve

A simple device that prevents the effects of prolonged exposure to particulate laden (dirty air). It collects air line dirt that can be ejected by the use of a simple purge valve, with the pump still operating.



Water Monitor Float Switch

Automatic start/stop pumping via a magnetic switch, eliminating the need for electricity. Avoid expensive and unnecessary dry running, easy to install either directly onto the pump or fitted to a pole.

Bore Hole Kit

Float actuated system to pull water directly from a bore hole.

Pump Frames

Light weight frames for hanging pumps that provide additional protection.

Fluid Inlet Strainers

Square Strainer

For slurry pumping applications. When dealing with heavy slurry simply connect a hose from the pumps exhaust to outlet on top of slurry strainer. The exhaust air agitates the slurry keeping the solids in suspension.

Roadside Strainer

Use along gullies or trenches.

Quick Strainer

Use directly on pump suction when entire pump is submersed in a sump.

Bore Hole Strainer

Drop directly down a bore hole.

Dolphin Floating Strainer

Use with a ball valve pump to minimize solids.

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