

## **Pumps 2000 - Lightweight Dual-Diaphragm Pumps**

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## **Pumps 2000 - Advanced Non-Metallic Pneumatic Diaphragm Pumps**

**Pumps 2000 proudly presents a diverse range of patented, non-metallic Pneumatic Diaphragm Pumps that outshine and outlast their counterparts in the industry.**

### **Key Features:**

- 1. Cutting-Edge Design:** Pumps 2000 pumps are meticulously crafted from engineered plastics, ensuring lubrication-free operation. Their lightweight and user-friendly manual handling make them stand out in the market.
- 2. Patented Excellence:** Several patented features set Pumps 2000 apart, providing unparalleled low life cycle costs while excelling in performance, even in the harshest environments. These pumps are specifically designed to handle abrasive, solid-laden, and corrosive fluids.
- 3. Versatile Applications:** The product range caters to diverse applications, including underground use, slurry or clean fluid transfer, chemicals, explosive atmospheres, and fixed or portable installations. Pumps 2000 offers solutions tailored to General Industry, Marine, Mining, Building and Construction, Food Processing, Chemicals, or Pollution Control.

### **Exceptional Performance:**

1. **Extended Lifespan:** Drawing on over 35 years of experience in designing non-metallic mining equipment, Pumps 2000 boasts a pneumatic diaphragm pump with a unique design, delivering longevity and reliability unmatched by other pumps.
2. **Reliability & Longevity:** A complete redesign of the diaphragm pump, incorporating patented components, results in operational life and consistent reliability far beyond conventional pumps. Save on maintenance, labor costs, and replacements, enhancing overall operational efficiency.
3. **Large Particle Handling:** Pumps 2000's unique slurry pumps allow particles of various types and sizes to pass through unobstructed, making them the ideal choice for challenging applications.
4. **Low Air Consumption:** With a lower air consumption to output ratio, Pumps 2000 pneumatic diaphragm pumps use less air than traditional pumps, contributing to significant energy cost savings.
5. **Lubrication-Free Operation:** Utilizing plastic components that are low-wear and low-friction, Pumps 2000 guarantees lubrication-free, long-life operation, reducing spare part costs and minimizing maintenance efforts.
6. **Explosion-Proof Certification:** All Pumps 2000 pumps are ATEX M2 Certified, with FRAS pumps carrying an ATEX M1 rating, providing the highest level of explosion-proof reliability.
7. **Lightweight Design:** Pumps 2000's correct use of plastic materials results in the market's lightest diaphragm pump, reducing the risk of lifting-related injuries and facilitating quick and easy relocation and maintenance.

8. **Safety Assurance:** Pumps 2000 prioritizes safety with industry-leading low weight and low noise levels, ATEX certified materials, corrosion-proof all-plastic pumps, and FDA grade materials ensuring compatibility with a wide range of fluids and powders.
  
9. **Ease of Maintenance:** Featuring a minimal number of components, Pumps 2000 pneumatic diaphragm pumps simplify maintenance, minimizing downtime. Consistent parts across different models further streamline maintenance procedures.