

The unique design of the Pumps 2000 line of air operated portable mining pumps is based upon more than 30 years of experience with design and manufacturing of non-metallic mining equipment.

Pumps 2000 have been designed specifically with its focus on use in mining applications such as pumping water, slurry, mud, diesel, grout, froth etc.

Pumps 2000 has worked continuously on improving the unique design based upon input from the mines.

From the outset, the focus lay on creating a low weight, ultra reliable pump, that would offer the lowest possible air consumption. Maximum mine dewatering from a given amount of compressed air, was among the most important design goals.

Safety plays an important role: Pumps 2000 wanted to offer the highest level of worker safety possible.

Now Pumps 2000 is proving these benefits daily in mines across the globe.



## The differences...

### Weight

Based on experiences made in the design and manufacturing of low weight plastic roof bolters, the choice of creating a plastic pump was obvious. The weight reduction benefits offered by plastics can simply not be matched by metals.

Correct use of plastic materials enables Pumps 2000 to offer the lightest mining pump on the market today.

### Reliability

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

By using a patented diaphragm, slurry valve, and air motor design that was specifically designed for mining conditions, Pumps 2000 offer operational life far beyond what is available in other pumps and the ability to pump slurries effectively. As a result there is a significant reduction in pump costs and indirect cost by keeping the mine dryer.

### Air Consumption

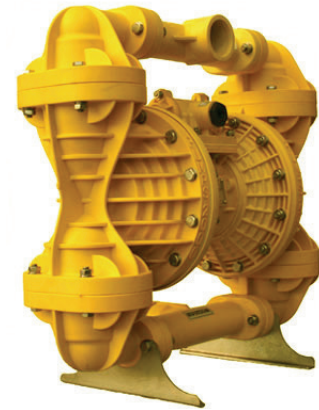
Low air consumption is an important consideration due to increasing energy costs. Low air consumption means that more pumps can be used for a given amount of compressed air, thereby offering a higher overall flow rate.

### Safety

Pumps 2000 offers two grades of ATEX certification ratings, placing Pumps 2000 as the highest ATEX rated mine dewatering pump on the market today.

Workers safety is secured by the anti-static and fire retardant plastic used by Pumps 2000 in the FRASplas pump line.

The ATEX IM1 rating allows you to continue pumping even when methane is present, thereby enabling you to avoid expensive equipment.



**Yellow Series**  
Standard Nylon Body



**Red Series**  
FRASplas Body- Fire Retardant  
Antistatic Construction - Safe for  
Explosive Environments



**Ebony Series**  
Noryl Body- Corrosive Resistant  
Internals- For Acids And Other  
Hazardous Liquids.

## Fluid Inlet Strainers

### Square Strainer

For sumps with slurry, so the strainer can be dropped into the bottom



### 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

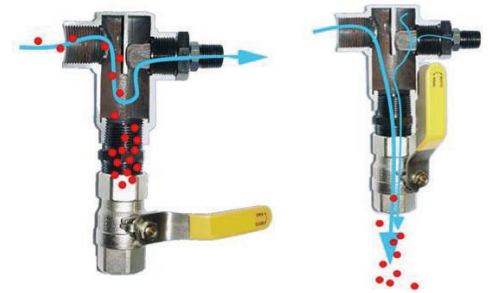
Use with a ball valve pump to minimize solids



## Pump Accessories

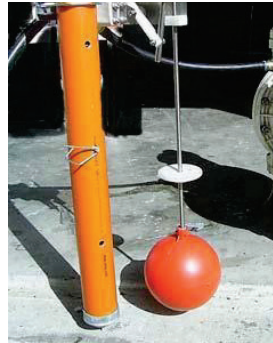
### Air inlet particulate diverter valve

A simple device that prevents the affects 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.



### 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.



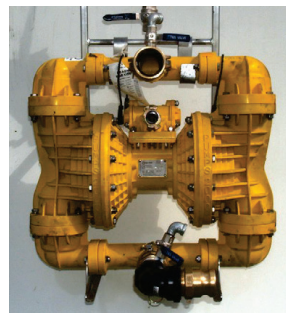
### Bore Hole Kit

Float actuated system to pull water directly from a bore hole



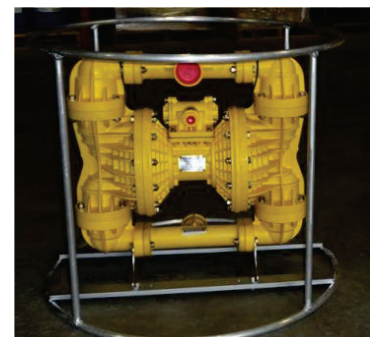
### Rib Bracket

Mount the Pumps 2000 on the wall by using the this option. This keeps the road ways clear of obstructions, thereby minimizing the possibility of run-over damages.



### Pump cage

Protective cages prevent pump damage from accidental collisions. Round cage provides easy mobility by rolling the pump.



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