



Pioneer Pump is the world leader in high-flow pump technology. We are a global company with advanced manufacturing centers in the US and Europe, supported by a worldwide distribution network. Our engineering leadership creates environmentally friendly pumps that, size for size, move more water, more efficiently, more reliably than ever before. Our customer service is second to none, with more than 200 years of combined experience applied to every project. *This is performance through innovation. This is Pioneer Pump.*

Pioneer Pump manufactures the most complete line of high-performance pumps available for solids and clear liquids handling:

- **Pioneer Prime Series**  
Vacuum-assisted, automatic priming, run-dry pumps
- **Standard Centrifugal Series**  
Standard end suction centrifugal pumps
- **Self-Priming Series**  
Standard self-priming pumps in a variety of configurations
- **Hydraulic Submersible Series**  
Pumps and power units available for submerged pumping duties

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Distributed by:



**Mining**

# Mining Pumps



## High-flow and High-pressure Dewatering

### Get extreme performance

Pioneer Prime offers flows up to 18,000 GPM (4,000m<sup>3</sup>/hr) and heads to 700+ feet (210m) with vacuum-assisted dry priming and run-dry capability, providing the best performance of any company in the self-priming pump market.

### Work more efficiently

Exceptional hydraulic designs combined with outstanding quality assures less service and downtime, leading to increased production and profits.

### Be environmentally friendly

Our patented PosiValve™ and UltraPrime priming system prevents leakage and carryover while offering unparalleled reliability. Fully contained packages, including 110% containment with noise levels as low as 60 dBA, meet noise and containment regulations.

### Get back to work sooner

Size for size, Pioneer pumps are designed to move more water than any other manufacturer. Whether it is mine dewatering or quarry flooding, Pioneer gets you drier, faster.

## Plant and Process

### Get more performance with less energy

Pioneer pumps are highly efficient so they're better for your budget and the environment.

### High flow without worries

Standard centrifugal and self-priming pumps deliver high flow and pressure for the most demanding mining applications.

### Process pump applications include:

- Wheel washing
- Light slurry and polymer pumping
- Dust suppression
- Sand and gravel washing
- Concrete plant water feed pumps



Our customers rely on our high-efficiency, extreme-performance pumps in the most demanding mining and quarry applications.

## Pioneering Features

- Heavy-duty modular construction designed for the mining and quarry market
- Oversized shafts and bearings for exceptional reliability in demanding conditions
- Optional bearing isolators for superior bearing and shaft protection
- Standard mechanical seal construction includes tungsten carbide vs. silicon carbide seal faces, Viton® elastomers and stainless steel hardware
- UltraPrime 50 CFM priming system, which provides high air handling capability for quick priming
- Patented PosiValve stainless steel positive sealing priming valve
- Run-dry capability
- Low NPSHr impeller designs for exceptional suction lifts
- Back pull-out design for ease of maintenance and downtime
- Standard ductile iron volutes and CA6NM stainless steel impellers designed for long life
- 17-4 PH stainless steel shafts for corrosion resistance
- Available in a variety of metallurgies and mounting configurations

Experience the benefits of our self-priming pumps, including reliability, ease of maintenance and superior performance.



## Performance Reliability Durability...

### Get it all with a Pioneer Pump

Contact us today to learn more about our complete line of pumps and accessories.

ph: 503-266-4115

[www.pioneerpump.com](http://www.pioneerpump.com)

## Pioneer Pump Solutions

Pump Series	Head	Flow	Sizes	Features
<b>Standard Centrifugal (SC)</b>	Up to 700+ feet 210m	44,000 USGPM (10,000 m <sup>3</sup> /hr)	1½–18 inches 40–450mm	High-performance, end-suction centrifugal pumps. Solids handling or clear liquids. Run-dry capability. Ideal for wheel washing, washplants and polymer dosing.
<b>Pioneer Prime (PP)</b>	Up to 700+ feet 210m	44,000 USGPM (10,000 m <sup>3</sup> /hr)	1½–18 inches 40–450mm	Vacuum-assisted, automatic priming, run-dry pumps. Solids handling or clear liquids. Ideal for high-flow, high-pressure dewatering and flood control.
<b>Self-Priming (ES, P, PT and PE)</b>	Up to 200+ feet 60m	20–3,500 USGPM (4–795 m <sup>3</sup> /hr)	1½–10 inches 40–250mm	Self-priming. Solids handling or clear liquids. Ideal for liquid transfer and dewatering.