

# GUSHER<sup>®</sup>



A RUTHMAN COMPANY

PERFORMANCE DRIVEN PUMPS



PRODUCT SELECTION GUIDE



# INDUSTRIAL AND COOLANT PUMPS AND ACCESSORIES



RUTHMAN  
Engineering Pump Solutions™

### **7550 SERIES**

#### **Features**

- Capacities up to 4000 GPM • Up to 275' TDH
- Heavy Duty Bearings • Available in Stainless Steel
- Exclusive Motor Mounting Arrangement Allows for Easy Coupling Alignment in the Field
- Available in Extended Lengths up to 20'

#### **Applications**

- Spray Booths • Chemical • Filtration Systems • Paint Systems
- Industrial Spray Washers • Phosphate Systems
- Coolant Systems • Process Pumping • Municipal Systems
- E-Coat Systems • Recreational Parks



### **SELF PRIMING 8000 SERIES**

#### **Features**

- Capacities up to 1200 GPM • Up to 130' TDH
- Long and Short Coupled • Clean-Out Ports Standard
- Available in Stainless Steel and Ductile Iron

#### **Applications**

- Agriculture • Irrigation • Industrial Sump
- Transfer • Amusement Parks



### **7071 ANSI 73.1 Standard Dimension Series**

#### **Features**

- Capacities up to 6000 GPM • Heads up to 700' TDH
- External Impeller Adjustment • Renewable Shaft Sleeve
- Heavy-Duty Shaft and Bearings
- Available in Stainless Steel • Cast Iron Bases Available

#### **Applications**

- Paint Systems • Filtration Systems • Paper Pulp
- Municipal Systems • E-Coat Systems
- Waste Water • Oils • Chemical Process



### **DIN SERIES EN733 Horizontal**

#### **Features**

- Capacities up to 2400 GPM • Up to 330' TDH
- DIN Mounting Flanges • Heavy-Duty Shaft and Bearings
- Renewable Shaft Sleeve

#### **Applications**

- Paint Systems • Filtration Systems • Oils
- Chemical Process • Waste Water • Paper Pulp
- Municipal Systems • E-Coat Systems



## **7800 VERTICAL and Horizontal and SEV Vertical Series**

### **Features**

- Capacities up to 800 GPM • Up to 700' TDH
- Back Pull Out • Available in Stainless Steel
- Renewable Sleeves and Bushings • Run Dry Capability
- Heavy Duty Bearings • Extended Length Available
- Available in Above the Plate Discharge • One - Piece Shaft
- No Metal to Metal Contact Assures Maintenance - Free Life

### **Applications**

- Spray Booths • Parts Cleaners • Coolant Systems
- Industrial Sump Applications • Paint Systems
- Industrial Washing Machines • Cooling Towers



## **SEALLESS IMMERSION SERIES**

### **Features**

- Capacities up to 32 GPM • Up to 100' TDH
- Plastic Components for Corrosion Resistance • Sealless Design
- Permanently Lubricated Bearings • DIN Mounting
- Available in Stainless Steel and Ductile Iron

### **Applications**

- Oils • Film Developing Fluids • Distilled Water • Salt Water
- Cooling Emulsions • Alkaline and Acidic Solutions
- Machine Tool Coolant

## **VORTEX SERIES • Vertical and Horizontal Design**

### **Features**

- Capacities up to 2700 GPM • Up to 440' TDH
- Reduces Internal Velocities • Lower Radial Loads
- Reduces Component Wear • Stainless Steel and Ductile Iron
- Top Pullout

### **Applications**

- Fruit and Vegetable Slurries • Latex • Machining Chips
- Agricultural Waste • Paper Pulp • Fibrous Waste



## **RUTHMAN SERIES**

### **Features**

- Capacities up to 650 GPM • Up to 160' TDH
- Offered in Both Internal and External Mountings
- Dry Running Capabilities on Most Units
- Some Available in Stainless Steel

### **Applications**

- Machine Tool Coolant • Swarf • Sludge and Shavings
- Oils • Industrial Sump • Transfer Systems

## CL-CC SERIES

### Features

- Capacities up to 3000 GPM • Up to 700' TDH
- Temperatures to 250°F • All Cast Iron / All Stainless Steel
- Back Pull-Out Design • NEMA JPM Shaft Motor
- Self-Setting Mechanical Seal • Close-Coupled Design
- No Pump-Motor Alignment Required



### Applications

- Water Purification/Filtration • Parts Cleaners/Washers
- Deionized Water • Tank Transfer/Cleaning • Bottle Washing • Waste Water
- Scrubbers • Paint Systems • Condensate • Boiler Circulation • Cooling Water
- Electronic Cooling • Chillers • Batch Processing • Amusement Parks



## 7500 SERIES CLOSED COLUMN

### Features

- Flow Rates up to 4000 GPM • Up to 700' TDH
- Enclosed Column for External Tank Mounting Available
- Jacketed Ball Bearing Housing Available for Higher Temperatures
- Long Coupled or Integral Shaft Electric Motors
- Discharge Pipe • Extended Column Length Available

### Applications

- Spray Booths • Filtration Systems • Industrial Spray Washers
- Chemical Phosphate Systems • Paint Systems • Coolant Systems
- Machine Tool Industry • Municipal Systems • E-Coat Systems
- Recreation Parks

## SC-CC SERIES

### Features

- Capacities up to 450 GPM • Up to 160' TDH • Temperatures to 180°F • All Cast Iron and Stainless Steel
- Back Pull-Out Design • NEMA Standard Shaft Motor • Close-Coupled Design
- No Pump-Motor Alignment Required • Self-Setting Mechanical Seal

### Applications

- Water Purification/Filtration • Parts Cleaners/Washers • Scrubbers
- Deionized Water • Tank Transfer/Cleaning • Amusement Parks
- Cooling Water • Paint Systems • Condensate • Boiler Circulation
- Electronic Cooling • Chillers • Batch Processing • Waste Water
- Bottle Washing



## 7600 SERIES

### Features

- Capacities up to 4000 GPM • Up to 275' TDH • Heavy Duty Bearings
- Available in in Stainless Steel • Exclusive Motor Mounting Arrangement Allows for Easy Coupling in the Field
- Top Pull-Out Design Makes for Less Down Time

### Applications

- Spray Booths • Chemical • Filtration Systems • Paint Systems
- Industrial Spray Washers • Phosphate Systems
- Coolant Systems • Process Pumping • Municipal Systems
- E-Coat Systems • Recreational Parks

## MULTI-STAGE

### Features

- Pressure to 400 P.S.I. • Pressurized System • Double Pump, High and Low Pressure with One Common Motor • Balanced Mechanical Seal or Silicon and Tungsten Available • Available Mounted in 10 - 200 Gallon Reservoir • Discharge Available in Either N.P.T. or B.S.P.T.
- Available in Either Vertical or Horizontal • Rugged Grade 30 Cast Iron or 316 Stainless Steel Construction • Built In Mounting Flange
- Balanced Mechanical Seal • Above Mounting Flange Discharge
- Greased for Life Bearings with Upgraded Hard-Faced Seal
- 3/4" NPT and 1 1/4" NPT Discharge

### Applications

- High Pressure Machine Tools



## **AIR-OPERATED DOUBLE DIAPHRAGM**

### **Features**

- Available in Plastic, Aluminum, Cast Iron and Stainless Steel
- Lube-Free Operation • Anti-Freezing
- Few Replaceable Parts • Maximum Reliability

### **Applications**

- Designed for a Wide Variety of Industrial Applications: Paint, Coolant, Other Viscuous Fluids



## **MOLTEN METAL SERIES**

### **Features**

- Can be Furnished with an A, F, or H Insulated Motor
- Available with Fan-Cooled and Water-Jacketed Bearings
- Motor, Shaft or Pully-Driven Models
- Available in Stainless Steel and Ductile Iron

### **Applications**

- Lead, Babbitt, Magnesium and other Molten Metals Up to 1200°F



## **VERTICAL TURBINE SERIES**

### **Features**

- Available up through 30" Bowls • Flow Rates Exceeding 15,000 GPM
- Vertical Turbine, Propeller, Mixed Flow and High Pressure Pumps Available
- Motor Thrust Stands for Utilization of Normal Thrust Standard C-Face Motors
- Factory Pre-Adjusted Impellers • Available Vertical Hollow Shaft and Vertical Solid Shaft High Thrust Designs
- Lubricated with Packed Box or Mechanical Seal, Enclosed Line Shaft Grease, Oil or Water Flush Lubricated Designs
- Available "Auto Seal" Design to Eliminate Packing and Mechanical Seals

### **Applications**

- Central Coolant Systems • Cooling Towers • E-Coat/Elpo Paint • Phosphate Systems
- Industrial Washers • Spray Booth/Sludge Systems • High Pressure Washers/Gun Drilling • Welder Water • Quench Systems • Scale Pits • Quarry • Waste Treatment



## **STAINLESS STEEL VERTICAL IMMERSION SERIES**

### **Features**

- Motors are TEFC (Totally Enclosed Fan-Cooled)
- Stainless Steel Wet Ends • Carbon Steel Coupling

### **Applications**

- CNC Lathe Coolants • Grinding Machines • Processing Centers • Heat Exchangers • Industrial Cleaning Equipment
- Reverse Osmosis • Filtering • Golf Courses • Agriculture
- High Rise Buildings • Pools • Car Washes

## **MACHINE TOOL TANK UNIT**

### **Features**

- Available in 3Ph or 1Ph • Standard Voltages: 3Ph - 230/460 1Ph - 115/230 • Other Voltages Available • Additional Options: Casters/Wheels, Valves, Hoses, Nozzles, Special Paint, Power Cords • Easily Removed Chip Baskets and Baffles
- 10G to 200G Capacities Available
- Custom Capacities Available

### **Applications**

- Gusher Tank Units may be Used as Permanent, Portable, or Auxiliary Coolant Systems





A RUTHMAN COMPANY

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

Ruthman Companies: A family-owned business supplying pumps for over 100 years



Ruthman Companies was co-founded in 1912 by brothers Alois and Edward Ruthman as the "Ruthman Machinery Company." Based in Cincinnati, the company serviced the steamboats that traveled the Ohio River.

In 1924, Alois conceived the first sealless centrifugal pump, coining the term 'coolant pump.' The brothers named this new pump "Gusher," giving birth to what is now Ruthman Companies' flagship brand, Gusher Pumps.

Alois' son Thomas R. Ruthman joined the family business in 1949, growing the business globally through organic growth and the acquisition of complementary technologies. In the early 1990's, Alois' grandson, Thomas G. Ruthman, became the third generation of Ruthmans in the pump business. Over the years, Ruthman Companies has expanded its product line from the original centrifugal coolant pumps to include valves, vertical turbine pumps, positive displacement pumps, gear pumps, and other specialized pump equipment, while upholding its reputation as a leader in the custom engineering of pumps for the most challenging applications.

## GUSHER PUMPS LOCATIONS

### Williamstown Headquarters

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Williamstown, KY 41097  
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**Fax:** 859.824.3011  
**Email:** [Info@Gusher.com](mailto:Info@Gusher.com)

### Dry Ridge Manufacturing

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Dry Ridge, KY 41035  
**Phone:** 859.824.5001  
**Fax:** 859.824.3011  
**Email:** [Info@Gusher.com](mailto:Info@Gusher.com)

### Dry Ridge Training Facility

3565 Dixie Highway  
Dry Ridge, KY 41035  
**Phone:** 859.824.5001  
**Email:** [Info@Gusher.com](mailto:Info@Gusher.com)

### California Sales & Service

8226 Salt Lake Avenue  
Cudahy, CA 90201  
**Phone:** 323.773.0847  
**Fax:** 323.773.0958  
**Email:** [FConrad@Gusher.com](mailto:FConrad@Gusher.com)

### New Castle Sales & Service

403 North Ninth Street  
New Castle, IN 47362  
**Phone:** 765.529.5624  
**Fax:** 765.521.0008  
**Email:** [GusherNC@Gusher.com](mailto:GusherNC@Gusher.com)

### Gusher Pumps, Shanghai

655 Caosheng Rd, Jiading District  
Shanghai, China 201808  
**Phone:** +86 (021) 55151993  
**Email:** [Flomo@Gusher.com](mailto:Flomo@Gusher.com)

## RUTHMAN COMPANIES MANUFACTURING DIVISIONS

### BSM Pump Corp.

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North Kingstown, RI 02852  
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**Fax:** 401.471.6370  
**Email:** [Sales@BSMPump.com](mailto:Sales@BSMPump.com)  
[www.BSMPump.com](http://www.BSMPump.com)

### Fulflo Hydraulic Valves

459 East Fancy Street  
Blanchester, OH 45107  
**Phone:** 937.783.2411  
**Fax:** 937.783.4983  
**Email:** [Info@Fulflo.com](mailto:Info@Fulflo.com)  
[www.Fulflo.com](http://www.Fulflo.com)

### Nagle Pumps

1249 Center Avenue  
Chicago Heights, IL 60411  
**Phone:** 708.754.2940  
**Fax:** 708.754.2944  
[www.NaglePumps.com](http://www.NaglePumps.com)

### Process Systems Inc., Headquarters

23633 Pinewood Street  
Warren, MI 48091  
**Phone:** 586.757.5711  
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**Email:** [Sales@PSI4Pumps.com](mailto:Sales@PSI4Pumps.com)  
[www.PSI4Pumps.com](http://www.PSI4Pumps.com)

### Process Systems Inc., Midwest Service

485 N. State Route 341 South  
Mellott, IN 47958  
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[www.PSI4Pumps.com](http://www.PSI4Pumps.com)

### RAE Pumps

1212 Streng Street  
Cincinnati, OH 45223  
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### Ruthman Pumps & Service

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## RUTHMAN COMPANIES GLOBAL DIVISIONS

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## RUTHMAN COMPANIES HEADQUARTERS

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