

# GUSHER®



A RUTHMAN COMPANY



PERFORMANCE  
DRIVEN  
PUMPS

PRODUCT SELECTION GUIDE

# INDUSTRIAL AND COOLANT PUMPS AND ACCESSORIES

### **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 Pulley-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/EIpo 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

