

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/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





Ruthman... Another Word for Innovation...

It began in 1913, servicing mechanical components of the steamboats on the Ohio River. The company founder, Alois Ruthman, was a man of vision and saw part of the future of the company was the development of the industrial pump.

In 1924, with the conception of the first ball-bearing sealless centrifugal pump, Ruthman Pump and Engineering furthered the design, with a unit with a one-piece motor driven shaft. The pump was called "Gusher", giving birth to the trade name, "Gusher Pumps", and the coining of the term "Coolant Pump".

Wanting to carry on the tradition of quality and reliability started by his father, Thomas R. Ruthman joined the company in 1949. In the early 1990's, Thomas R. Ruthman's son, Thomas G. Ruthman joined the company, continuing this same tradition.

Maintaining the reputation of Gusher Pumps by innovation and customer service, the company has grown to service companies worldwide. Ruthman Companies values itself in being a "family" company with three generations not only in it's ownership, but also among it's employees.



GUSHER PUMP FACTS

- One of the largest suppliers of centrifugal pumps, ranging from 1/25 HP - 250 HP and 5 GPM - 6000 GPM.
- A wide array of standard pumps are available: Vertical Sump Pumps, Horizontal Closed-Coupled, Basemount, Self Primers, Multi-Stage, ANSI Dimension, Top Pull-Out, Vortex, Recessed Impeller, and Molten Metal, as well as modifications of these models to meet specific needs.
- Fast shipment from the Gusher Pumps warehouses in the United States, Europe, and Asia.
- Gusher Pumps process a wide variety of liquids, from clean water to molten metal.

Gusher Select software allows you to search across the Gusher catalog to generate a dynamic pump curve based on a system design point search. Additional search criteria include: fluid properties, motor sizing, NPSH calculations, pump limits, and system operating points. Once a dynamic pump curve is generated, users have the ability to trim impeller diameters, adjust operating speeds, and dynamically generate electronic curves and data sheets. Find out more at www.gusher.com



WE SERVE...

Gusher Pumps serves American Airlines, Anheuser-Busch, Black and Decker, Baush and Lomb, Boeing, Borg-Warner, Briggs Stratton, BMW, Caterpillar Tractor, Cincinnati Machine, Detroit Diesel, Clarklift Trucks, Dana Corporation, Harley-Davidson, John Deere, Delco-Delphi, E.I. Dupont, Federal Mogul, Ford Motor Company, General Electric, General Motors, Hitachi, Lockheed, Mack Trucks, Maytag, Mazak, Parker Hamilton, Polaris, Reliance Electric, Rockwell International, Sandvik, A.O. Smith, Snap On Tools, Toyota, and Westinghouse.

GUSHER SELECT CD

AVAILABILITY

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Dry Ridge, KY 41035
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Fax: 859-824-3011
Web: www.gusher.com

Gusher Pumps of Williamstown

115 Industrial Drive
Williamstown, KY 41097
Phone: 859-824-3100
Fax: 859-824-7248
Web: www.gusher.com

Gusher Pumps of California

8226 Salt Lake Avenue
Cudahy, CA 90201
Phone: 323-773-0847
Fax: 323-773-0958
Email: gusherca@aol.com

Gusher Pumps of New Castle

403 North Ninth Street
New Castle, IN 47362
Phone: 765-529-5624
Fax: 765-521-0008
Email: gusherpump@insightbb.com

BSM Pump Corp.

180 Frenchtown Road
North Kingstown, RI 02852
Phone: 401-471-6350
Fax: 401-471-6370
Web: www.bsmpump.com

Fulflo Specialties

459 East Fancy Street
Blanchester, Ohio 45107
Phone: 937-783-2411
Fax: 937-783-4983
Web: www.fulflo.com

Great Lakes Pump & Supply Co.

1075 Naughton
Troy, MI 48083
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Fax: 248-528-9015
Web: www.greatlakespump.com

Great Southern Pumps

Sales Office: Edgewater, Florida
Phone: (321) 607-3730
Email: sthurrott@greatsouthernpump.com
Web: www.greatsouthernpump.com

Nagle Pumps

1249 Center Avenue
Chicago Heights, IL 60411
Phone: 708-754-2940
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Process Systems, Inc.

Midwest Service Center

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Vulcan Tool Corporation

730 Lorain Avenue
Dayton Ohio 45410
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Wagner Process Equipment

3727 Metro Drive, Suite B
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