

GUSHER®



A RUTHMAN COMPANY



PERFORMANCE DRIVEN PUMPS



PRODUCT SELECTION GUIDE



HYDRAULIC INSTITUTE

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



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

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



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



GUSHER PUMP FACTS

- One of the largest suppliers of centrifugal pumps, ranging from 1/25 HP – 250 HP and 5 GPM – 6,000 GPM
- A wide array of standard pumps are available: Vertical Sump Pumps, Horizontal Close-Coupled, Basement Self-Priming, Multi-Stage, ANSI Dimension, Top Pull-Out, Vortex, Recessed Impellers, and Molten Metal
- Engineering Expertise to modify any of our standard models to meet application needs
- The ability to handle a wide variety of fluids, from clean water to molten metal
- Fast Shipment from the Gusher Pumps warehouses in the United States, Europe, and Asia

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-Delph, 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, Tesla, Toyota, Westinghouse, and many others.



A RUTHMAN COMPANY

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

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Dry Ridge Training Facility

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California Sales & Service

8226 Salt Lake Avenue
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New Castle Sales & Service

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Fulflo Hydraulic Valves

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Nagle Pumps

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Process Systems Inc., Headquarters

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RUTHMAN
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