

industrial · manufacturing · environmental

waste water treatment

food processing

petrochemical

municipal

mining



Technology | Innovation | Solutions

**EXCEL**  
FLUID GROUP



# 20 years experience

Since commencing operation in 1991, EXCEL FLUID GROUP has been dedicated to providing solutions in all fields of fluid handling.

From a custom built pumping system – even with specialised chemical or slurry pumps – right down to an urgent spare part requirement, our team is committed to providing the solutions you need.

The ability of our trained sales and service personnel to provide innovative, economical and reliable solutions is supported by an unparalleled product range. This has resulted in a formidable reputation and extensive acceptance within all industry sectors.

We are the Distributors and stockists for internationally acclaimed products such as:

- **ABS**—Submersible, Non-Clog & Grinder Pumps
- **Barnes**—Submersible Non-Clog & Self-Priming Pumps
- **Verder**—Peristaltic Hose & Air Operated Diaphragm Pumps
- **Finish Thompson**—Mag Drive Centrifugal & Drum Pumps
- **Netzsch**—Progressive Cavity & Rotary Lobe Pumps
- **Haight**—Gear Pumps
- **Deming**—End Suction, Split Case & Process Pumps
- **Cornell**—End Suction Non-Clog, Slurry & Food Pumps
- **Hydroflo**—Vertical Turbine & Process Pumps

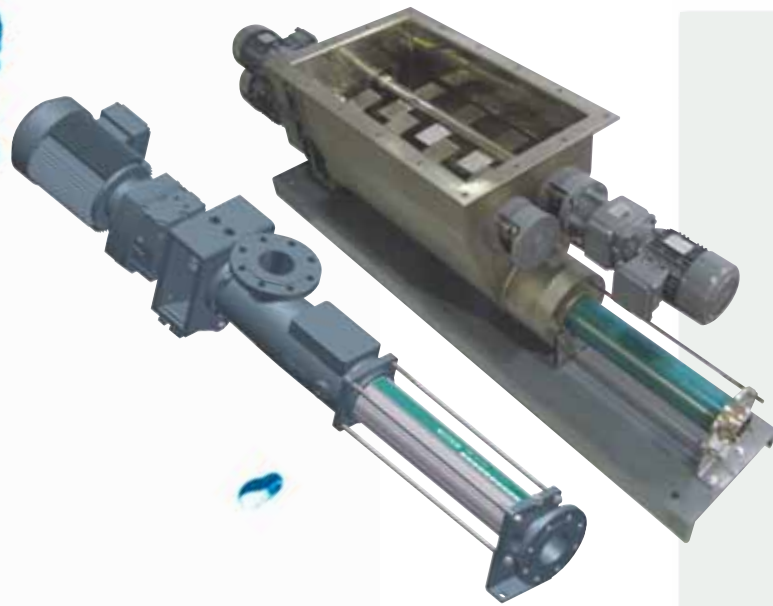
These products are complimented by a broad range of other manufactured and sourced pumping equipment.

Our service and repair department can provide comprehensive support for all types of fluid handling equipment.



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## Progressive Cavity

### Applications:

- Industrial Wastewater
- Chemical Process
- Adhesives & Resins
- Food & Pharmaceutical

### Features:

- Extensive Range of Materials of Construction
- Four Different Rotor/Stator Geometers
- Wide Variety of Shaft Sealing Options
- 5 Different Styles of Drive Joints

### Capabilities:

- Flows up to 2000 GPM
- Pressures up to 720 PSI
- Particle Sizes up to 6"
- Viscosities from 1 cps to 3 million cps

## Peristaltic Hose

### Applications:

- Mining Industry
- Ceramic Industry
- Food & Beverage
- Chemical Industry

### Features:

- Sealless
- Unaffected by Abrasive Products
- Run Dry with no Damage
- Highly Accurate Metering

### Capabilities:

- Flows up to 660 GPM
- Pressures up to 230 PSI
- Pump slurries up to 80% solids
- Non-metallic Flanges for Corrosive Liquids



## Rotary Lobe

### Applications:

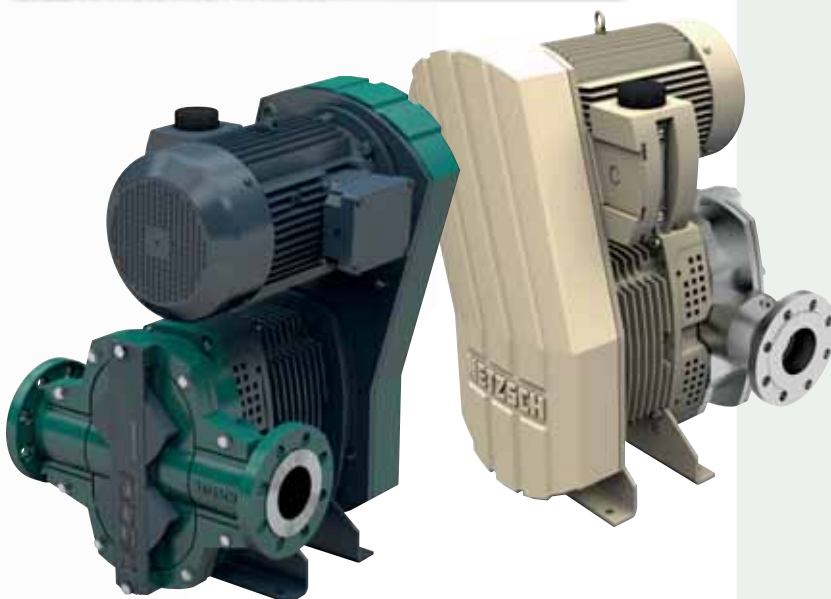
- Sludge Transfer
- Chemical Process
- Polymers and Adhesives
- Industrial Waste

### Features:

- Multiple Materials of Construction
- Compact Design
- Full Service in Place
- Dry Running Capability

### Capabilities:

- Flows to 4400 GPM
- Pressures up to 116 PSI
- Particle Size up to 2.75"
- High Temperature Applications





## Air Operated Diaphragm

### Applications:

- Mining Industries
- Plating & Polishing
- Ceramics
- Chemicals

### Features:

- No Air Lube Necessary
- Anti-Icing air Valve
- Lower Air Consumption
- Abrasion Resistant

### Capacities:

- Flows up to 275 GPM
- Pressures up to 275 PSI

## Magnetic Drive

### Applications:

- Chemical Manufacturing & Processing
- Metal Plating and Finishing
- Fume Scrubbing
- OEM Equipment

### Features:

- Run Dry Capability
- Wide Range of Wetted Materials
- Neodymium Magnets
- Self-Priming Models

### Capacities:

- Flows up to 2000 GPM
- Pressures up to 300 PSI



## Gear

### Applications:

- Chemical
- Lubricant Filtration
- Hot Oils
- Asphalt Products

### Features:

- Internal & External Gear
- Magnetic Drive Options
- Material Options
- Hardened Gear Sets

### Capacities:

- Flows up to 2100 GPM
- Pressures up to 5000 PSI



## Submersible

### Applications:

- Industrial Waste
- Storm Water Drainage
- Mine Dewatering
- Scale Pit

### Features:

- Multiple Impeller Designs
- Extensive Range of Seal Configurations
- Various Materials of Construction
- Free Standing or Guide Rail

### Capacities:

- Flows up to 38,000 GPM
- Heads up to 470' TDH
- Sizes from 3" to 30"



## Solids Handling Process

### Applications:

- Industrial Waste
- Process Water
- Wash Lines
- Storm Water Drainage

### Features:

- Multiple Impeller Designs
- Vertical and Horizontal Configurations
- Various Materials of Construction

### Capacities:

- Flows up to 38,000 GPM
- Heads up to 470' TDH
- Sizes from 3" to 30"



## Self Priming

### Applications:

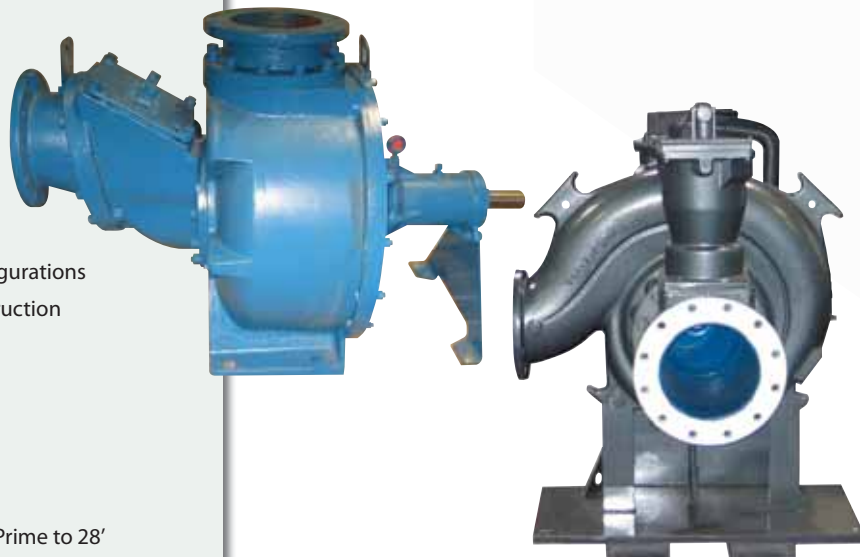
- Process Water
- Mine Dewatering
- Wash Lines
- Industrial Waste

### Features:

- Wet-Prime & Dry-Prime
- Wide Range of Drive Configurations
- Various Materials of Construction
- Highly Efficient Design

### Capacities:

- Flows up to 38,000 GPM
- Heads up to 470 TDH
- Sizes from 3" to 30"
- Suction lift to 25' and Dry-Prime to 28'



## Centrifugal Process

### Applications:

- Hot & Chill Water Circulation
- Cooling Tower Systems
- Chemical Process
- Pressure Boosting
- Wash Systems
- Hot Oil
- Ammonia Systems
- Tailings, Sand & Slurry transfer

### Configurations:

- End Suction Horizontal & Vertical
- ANSI Dimensional
- Split Case
- Vertical Multistage
- Inline
- Metallic and Non Metallic Options

### Capacities:

- Energy Efficient up to 89%
- Flows up to 61,000 GPM
- Heads up to 800' TDH
- Sizes from 3/4" - 32"



## Food Process

### Applications:

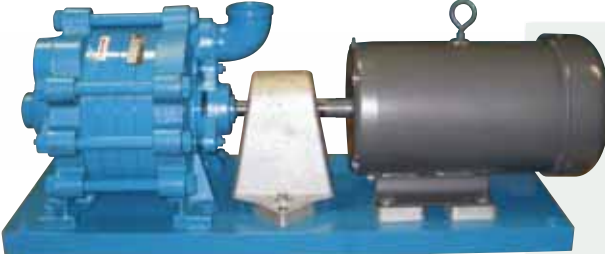
- **Bakery**—Yeast Slurry, Batters, Dough
- **Beverages**—Alcohol, Wine, Fruit Drinks, Spring Water
- **Brewing**—Beer, Crushed Fruit
- **Canning**—Baby Foods, Soups, Puddings, Salad Dressing
- **Confectionery**—Chocolate, Cocoa Butter, Cream Fillings
- **Dairy**—Whey, Milk, Cream, Ice Cream, Cheese, Yogurt, Butter
- **Meat Packing**—Smokehouse Spray, Liquid Fat, Blood Processing, Frying Oil, Rendering Operations
- **Food Processing**—Sweeteners, Tomato Base, Cream Style Vegetables, Gravy, Citrus Processing
- **Pharmaceutical**—Toothpaste, Hand Cream, Cosmetics, Medical Products, Shampoo

### Configurations:

- **Centrifugal**—Sanitary and Process
- **AOD**—Sanitary
- **Gear**—Process
- **Progressive Cavity**
- **Peristaltic Tube & Hose**
- **Lobe**
- **Drum**







## Other Pumps and Related Equipment

- **Vacuum Pumps**—Dry and Liquid Ring
- **Drum Pumps**—Plastics and Stainless Steel
- **Regenerative Turbines**—Sealed and Canned Motor
- **Motors**—From Standards to Application Specials
- **Drives**—From Basic Soft Starters to Custom Programmed VFD's
- **Valves**—Process Control Valves and Custom Solutions



## Package Systems

- Custom Solutions for Your Application
- Design, Built and Tested all in One Location
- Built to Your Specifications
- Performance Guarantees
- CAD Drawings



## Service & Spare Parts

Our competent service team, backed by a substantial inventory of pumps and spare parts and a fully equipped workshop with test facilities, is available to solve all your mechanical plant repair and maintenance requirements.

Providing solutions and satisfying your demands of decreased down time while getting you back on track is our forte.



This product brochure is a condensed version of our product range and does not include information on all of the equipment we distribute. Should you require a particular type or brand of pump not included, or technical data sheets on a specific product, please contact us.



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**TOLL FREE - 800 892 2009**

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

[sales@excelfluidgroup.com](mailto:sales@excelfluidgroup.com)

● **EXCEL HEAD OFFICE**

4548 Industrial Parkway

Cleveland, OH 44135

P. 216-941-1500

F. 216-941-9916

● **EXCEL MID ATLANTIC OFFICE**

1401 Knecht Ave.

Halethorpe, MD 21227

P. 410-242-7135

F. 410-242-7134