

environmental · municipal · utilities

waste water treatment

collection systems

water treatment

pressure sewer

storm water



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, with emergency back-up, 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
- **Excel**—Lift Station Package Products
- **Barnes**—Submersible Non-Clog & Self Priming Pumps
- **Verder**—Peristaltic Hose & Air Operated Diaphragm Pumps
- **Verder HUS**—Screw Centrifugal, Dry Pit, Submersible, & Self-Priming Pumps
- **Finish Thompson**—Mag Drive Centrifugal & Drum Pumps
- **Netzsch**—Progressive Cavity, Rotary Lobe Pumps, & Sewage Grinders
- **Deming**—End Suction, Split Case & Non-Clog Pumps
- **Cornell**—End Suction, Submersible, Self-Priming, Non-Clog & Chopper Pumps
- **Hydroflo**—Vertical Turbine

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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Self-Priming

Applications:

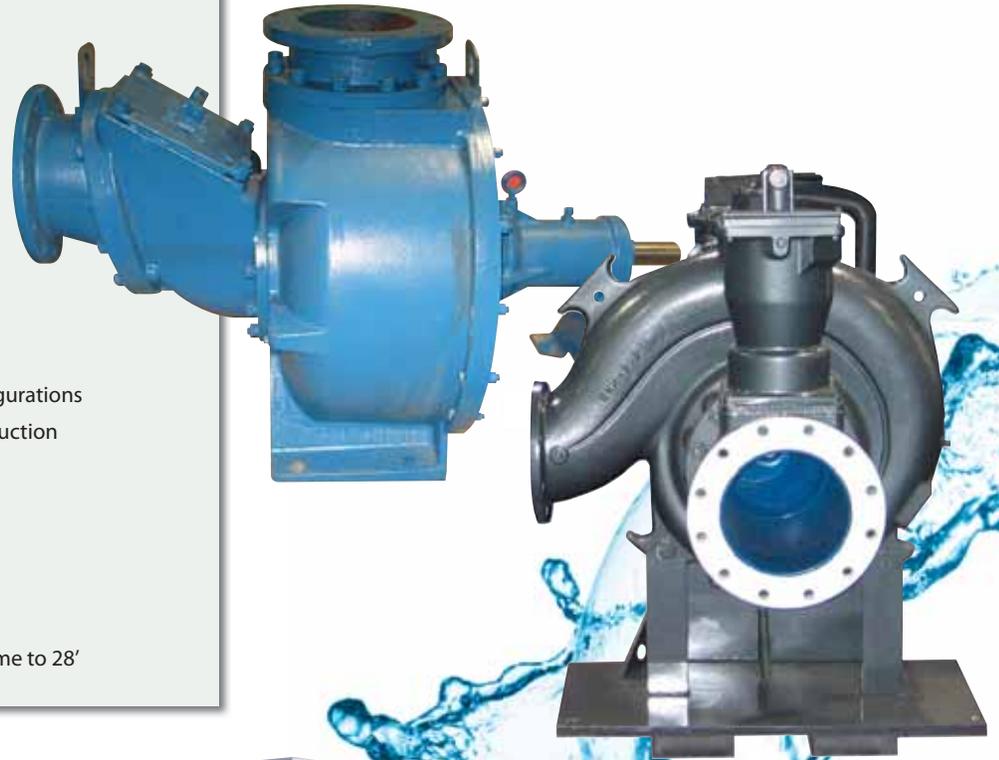
- Primary Waste Water
- Sewage Lift Stations
- RAS & WAS
- Filter Backwash
- Storm Water Stations

Features:

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

Capabilities:

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



Above Ground Stations

Applications:

- Suction Lift Pumps
- Dry Prime Pumps
- Pressure Booster Pumps
- Chemical Dosing

Features:

- Full Accessibility
- Operator Safety
- Factory Assembled and Tested
- Flexible Controls and Integration

Construction:

- Unique Aluminum Gullwing Enclosure
- Concrete and Fiberglass Enclosures for Larger Packages



Submersible

Applications:

- Primary Wastewater
- Sewage Lift Stations
- Storm Water Stations
- RAS & WAS
- Filter Backwash
- Raw Sewage Influent
- Digester & Clarifier Scum

Features:

- Multiple Impeller Designs
- Guide Rail or Free Standing
- Continuous in Air Motors
- UL & FM Explosion Proof Motors
- Hydraulic Motors
- Extensive Range of Seal Configurations

Capacities:

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

Vaultless Lift Stations

Applications:

- 4 & 6 Inch Submersible Pumps
- Duplex & Triplex Configurations
- Concrete or Fiberglass Lift Stations

Features:

- Full Accessibility
- Operator Safety
- Factory Assembled and Tested
- Flexible Controls and Integration

Construction:

- Unique Aluminum Gullwing Enclosure
- Variety of Surface Treatments Available



Concrete Package Stations

Applications:

- 4 to 10 Inch Submersible Pumps
- Duplex & Triplex Configurations
- 6' to 10' Diameters

Features:

- Integral Valve Vault
- Operator Safety
- Minimal Foot Print
- Flexible Controls and Integration

Construction:

- Mold Form Concrete
- Ductile Iron, PVC or Stainless Steel Piping
- Aluminum or Stainless Steel Access Covers



Submersible Grinder

Applications:

- Residential Wastewater
- Commercial Wastewater
- Institutional Wastewater
- Light Industrial Wastewater

Features:

- Single and Two-Stage Vortex Impellers
- Guide Rail or Free Sanding
- UL & FM Explosion Proof Motors

Capacities:

- Flows up to 155 GPM
- Heads to 340' TDH
- Sizes from 1¼" to 3"



Fiberglass Package Stations

Applications:

- Grinder Pumps
- Non-Clog Pumps
- Simplex, Duplex & Triplex Configurations
- 2' to 10' Diameters
- 2' to 20' Depth

Features:

- Valves can be Located Internally, in Integral Valve Vault, Separate Valve Basin, or Vaultless Enclosure
- Factory Assembled and Tested
- Flexible Controls and Integration

Construction:

- Ductile Iron, PVC or Stainless Steel Piping
- Fiberglass, Aluminum or Stainless Steel Access Covers

Pressure Sewer Systems

Applications:

- New Residential Developments
- Septic System Replacements
- Field Retrofit for Existing Cores

Features:

- Centrifugal Grinder Pumps
- Low Visibility
- Simple Installation
- Low Maintenance

Construction:

- Polypropylene Basin
- Adjustable Riser
- 'Rock' Basin Cover



Centrifugal Process

Applications:

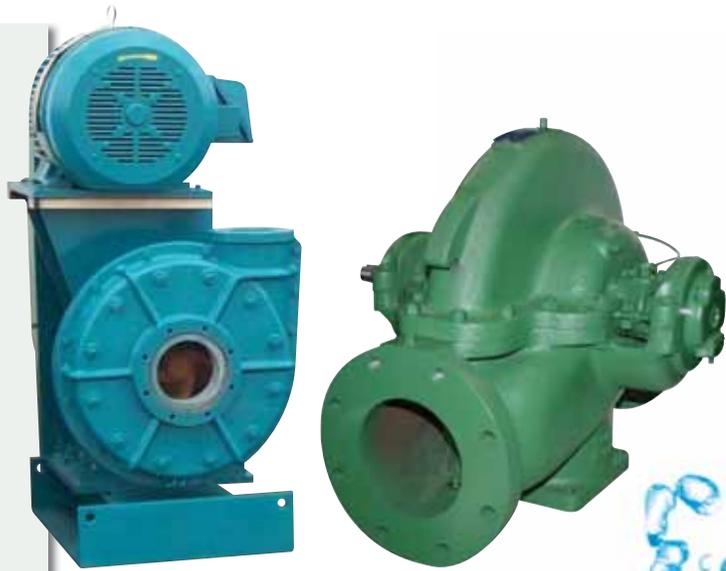
- Potable Water Booster
- Filter Back Wash
- High Service Pumps
- Ash Slurry Transfer
- Grit Transfer

Configuration:

- End Suction Horizontal & Vertical
- Split Case Horizontal & Vertical
- Vertical Multi-Stage

Capacities:

- Flows up to 61,000 GPM
- Heads up to 800' TDH
- Energy Efficient up to 89%
- Sizes from ¾" to 32"



Progressive Cavity/Rotary Lobe

Applications:

- Press Feed
- Thickened Sludge Transfer
- Sampling
- Polymer
- Lime Slurry
- Metering

Features:

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

Capacities:

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



Peristaltic Hose

Applications:

- Carbon Slurry
- Lime Slurry
- Press Feed
- Polymer Transfer
- Metering

Features:

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

Capacities:

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





Other Pumps and Related Equipment

- Rotary Lobe Pumps—Up to 4000 GPM
- Sludge Grinders—Inline & Channel Mount
- Valves—Check, Plug & Control
- Controls—Basic to VFD's, HMI & SCADA
- Motors—From Standards to Application Specials

Start Up & Service

As part of the total package approach EXCEL provides on-site start up services and operator training.

Our ongoing commitment to our clients is supported by our repair center and field service division with qualified maintenance technicians. Preventive maintenance programs and service contracts are available.



Testing & Spare Parts

Our test facility ensures that every pump or package system will perform as promised. In addition repairs can be tested to ensure performance is equivalent to original conditions.

Our substantial inventory of pumps and spare parts satisfies the demands of decreased down time.

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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