In 2006, Franklin Electric Company acquired Little Giant Pump Company to solidify our position as a leading global supplier of water pumping systems for residential and commercial markets.

Little Giant® products – sump, sewage, effluent, utility, condensate removal, submersible industrial pumps, and engineered products – complement and broaden Franklin Electric’s overall water systems offering.

Little Giant Pump Company, now Franklin Electric – Water Transfer Systems, offers the industry a well-respected brand of products. Little Giant® founded on quality, availability, service, innovation and value. Franklin Electric continues to bring the Little Giant® name advantage to the water transfer market.

Franklin Electric is a global leader in the production and marketing of systems and components for the movement of water and automotive fuels. Recognized as a technical leader in its specialties, Franklin serves customers around the world in residential, commercial, agricultural, industrial, municipal, and fueling applications.

Long recognized as the world’s largest manufacturer of submersible electric motors, Franklin offers a full line of high-quality, reliable submersible pumps and motor assemblies that operate reliably, efficiently, and cost-effectively. Franklin products are sold through distributors, wholesalers, and direct sales. Franklin products are produced to the following ISO standards:

- Quality – 9001:2000
- Environmental – 14001:2004

Franklin Electric

John V. Falvey, Jr.
Oklahoma City, OK 73112
Phone: 1-866-271-2859
Fax: 1-866-271-2709
www.LittleGiantPump.com
What sets the new PowerSewer apart?

- Shallow Dry Well: Integrally molded reverse best-fit products compensate for misalignment between tank and service line while it protects the connection against frost heave and tank settlement. Fitted coupling provides a watertight transition to PVC pipe, valves, or fittings.
- Anti-Shear Discharge: Integrally molded reverse best-fit products create a dual seal against inflow and infiltration. An optional, lockable internal tether prevents unauthorized access.
- Drop Inlet: Allows for easy up-and-down and side-to-side pipe adjustments. The drop inlet feeds solids right to the grinding plane.
- Anti-Shear Check Valve: Provides both check and anti-siphon capabilities. Eliminates plugged pumps resulting from pumping downhill.
- Roto-Molded Tank: The large capacity HPDE polyethylene tank provides reserve capacity during power outages. Plus the one-piece tank does not require the contractor to cut holes in it.
- Pressure Bell/Control Box (V3P-IGP): NEMA 4X polycarbonate box provides pump and alarm power circuit breakers, manual pump run, and audible/visual alarms. Also now holds capacitors, facilitating change-out in minutes that saves on maintenance costs.
- Flex Connector: Four-foot flexible polyethylene pipe compensates for misalignment between tank and service line while it protects the connection against frost heave and tank settlement. Fitted coupling provides a watertight transition to PVC pipe, valves, or fittings.
- Anti-Siphon Check Valve: Provides both check and anti-siphon capabilities. Eliminates plugged pumps resulting from pumping downhill.
- Potential Grinder Pump: Provides both check and anti-siphon capabilities. Eliminates plugged pumps resulting from pumping downhill.
The PowerSewer centrifugal pump represents a new direction in grinder pump technology, combining unmatched grinding capability with terrific pumping power. It offers a shut-off head of 132 feet with a maximum flow of 36 gpm. With the kind of pumping performance, the PowerSewer minimizes or eliminates the need for costly lift stations. A redesigned grinder pump assembly includes a grinder pump connected to a plumbing tree consisting of a hydraulic sealing flange, a self-cleaning check valve, and an anti-siphon valve. The compact pump weighs only 75 pounds for easier installation.

Low Pressure, Lower Cost. The Little Giant® Engineered Products V3-IGP PowerSewer is a low-pressure sewer system that pumps residential wastewater through small-diameter piping to a collection, or treatment area. A proven alternative to gravity sewer systems and septic tanks, the PowerSewer offers a unique blend of performance, improved efficiency, and an anti-siphon safety valve. This makes it a safer, cleaner, and healthier choice for homeowners and the environment. The PowerSewer minimizes or eliminates the need for costly lift stations.

Easy to Install

Homeowner Friendly

Unmatched Grinding Capability

Gravity collection systems use large-diameter pipes that are difficult to seal and often leak during rainstorms. These leaks, commonly referred to as I and I (inflow and infiltration), can cause sanitary sewer overflows which release raw sewage into the environment. In addition, thousands of failed septic system overflows which release raw sewage into the environment. In addition, thousands of failed septic systems cost millions of dollars in repair work and lost productive time. Pumping large quantities of air can also cause sanitary sewer overflows which release raw sewage into the environment. In addition, thousands of failed septic systems are costly to repair and often result in long-term pollution problems. The PowerSewer is designed to significantly reduce installation and maintenance costs. The PowerSewer is designed to significantly reduce installation and maintenance costs. The PowerSewer is designed to significantly reduce installation and maintenance costs.

Site Adjustable

The PowerSewer can be built, regardless of topography or soil. Low-pressure systems can eliminate expensive lift stations, and the deep trenching of gravity systems, nor do they utilize costly on-site drainage fields. Consequently, the Little Giant PowerSewer is far more affordable for low-density housing and homes situated on difficult terrain.

Safer and Cleaner.

With its sealed, small-diameter piping, the PowerSewer provides a water-tight collection system that effectively eliminates leaks and water intrusion. This makes it safer, cleaner, and healthier choice for individuals and their community.

Advanced Technology and modular construction make the PowerSewer system easy to maintain. By relocating the control panel to the control panel, the amount of maintenance required is reduced, making the system more efficient and less expensive. Plus the grinder pump can be quickly removed for maintenance without using tools.

Site Adjustable

Six different bank heights give contractors the ability to adjust the PowerSewer to the site where it will be installed by choosing among the following depths:

- 45°
- 30°
- 84°
- 64°
- 60°
- 108°
- 125°

The PowerSewer System Benefits Everyone

The Engineer

- Provides an affordable wastewater solution
- Predictable performance in all types of terrain
- Eliminates problems caused by infiltration and overflow

The Community

- No pump house to build or maintain
- No excellent wastewater collection solution for small to medium-sized communities everywhere
- Environmentally safe for rivers and lakes

The Developer

- Removes initial culture issues
- Property values increased by centralized sewer systems
- Ability to develop previously unbuildable lots
- Increase housing density per acre

The Contractor

- Less installation guesswork
- Safer site conditions with all-in-one package
- Complete system

The Homeowner

- Low maintenance costs
- Minimal electrical costs
- No modifications to household plumbing
- Less disruptive to existing landscaping and roads
- No onsite drainage field

System Benefits

- No on-site drainage field
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Easy to Install

The PowerSewer system is shipped from the factory complete, eliminating costly grassing work during installation. The product is very easy to install and has been designed to significantly reduce installation time.

Homeowner Friendly

Designed specifically for residential use, the PowerSewer offers a unique blend of performance, improved efficiency, and an anti-siphon safety valve. This makes it a safer, cleaner, and healthier choice for homeowners and the environment. The PowerSewer is designed to significantly reduce installation and maintenance costs.

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The Little Giant PowerSewer® System

Low Pressure, Lower Cost. The Little Giant® PowerSewer® Products V3-IGP PowerSewer is a low-pressure sewer system that pumps residential wastewater through small-diameter piping to a collection, or treatment area. A proven alternative to gravity systems and septic tanks, low-pressure systems have been successfully used in the hundreds of thousands all over the U.S. since the mid-1960s. Unlike traditional treatment systems, the PowerSewer system may be installed almost anywhere a home and the PowerSewer system is easy to install. The product is very easy to install and has been designed to significantly reduces installation time.

Advantages

Unmatched Grinding Capability

The PowerSewer centrifugal pump represents a new direction in grinder pump technology, combining unmatched grinding capability with terrific pumping power. It offers a shut-off head of 132 feet with a maximum flow of 35 gpm. With the kind of pumping performance, the PowerSewer minimizes or eliminates the need for costly lift stations.

A redesigned grinder pump assembly includes a grinder pump connected to a plumbing tree consisting of a hydraulic sealing flange, a self-cleaning check valve, and an anti-siphon valve. The compact pump weighs only 75 pounds for easier installation.

Gravity collection systems use large-diameter pipes that are difficult to seal and often leak during rainstorms. These leaks, commonly referred to as ‘rat holes’ or ‘rat holes’, can cause sanitary sewer overflows which release raw sewage directly to the environment. In addition, thousands of failed septic system drain fields are currently contaminating local water supplies, poising similar quality of life issues.

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The PowerSewer System Benefits Everyone

- **Easy to Install**
  - The Little Giant PowerSewer® System is shipped from the factory complete, eliminating costly transportation and installation.
  - The product is very easy to install and has been designed to significantly reduces installation time.

- **Homeowner Friendly**
  - Designed specifically for residential use, the PowerSewer offers a unique blend of performance, efficiency, safety and ease of use.
  - A low profile fiberglass cover protects access to the collection tank. The PowerSewer can be installed directly in the lawn, and the system’s control panel is a small, attractive wall or pedestal-mounted enclosure. Best of all, when combined with modular treatment, a system of PowerSewer pumps can provide a community with an inexpensive, central sewer system that increases property values.

- **Engineer**
  - Provides an affordable solution.
  - Predictable performance of all types of systems.
  - Eliminates problems caused by infiltration and inflow.

- **Community**
  - A pump is simpler than a lift station.
  - An excellent wastewater solution for small to medium-sized communities everywhere.
  - Environmentally safe for rivers and lakes.

- **Developer**
  - Minimal surface culture issue.
  - Property values increased by reduced odors.
  - Ability to develop previously unbuildable sites.
  - Increase housing density per acre.

- **Contractor**
  - Can design, install, or fax: 866-271-2709
  - E-mail: engineeredproducts@littlegiantpump.com

- **The Homeowner**
  - Low maintenance costs.
  - Minimal to no electrical costs.
  - No modifications to household layout.
  - Less disruptive to existing infrastructure.
  - No on-site drainage field required.
  - Minimal to no property value reduction.

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Safer and Cleaner. With its sealed, small-diameter piping, the PowerSewer provides a water-tight collection system that effectively eliminates leaks and water intrusion. This makes it a safer, cleaner, and healthier choice for individuals and their community.

The PowerSewer’s centrifugal pump represents a new direction in grinder pump technology, combining enhanced grinding capability with efficient pumping power. It offers a shaft seal head of 132 feet with a maximum flow of 35 gpm. With the kind of pumping performance, the PowerSewer minimizes or eliminates the need for costly lift stations.

A redesigned grinder pump assembly includes a grinder pump connected to a plumbing tree consisting of a hydraulic seal flange, a self-cleaning check valve, and an anti-siphon valve. The compact pump weighs only 75 pounds for easier installation.

Gravity collection systems use large-diameter pipes that are difficult to seal and often leak during rainstorms. These leaks, commonly referred to as I and I (inflow and infiltration), can cause sanitary sewer overflows which release raw sewage into the environment. In addition, thousands of failed septic system drain fields are currently contaminating local water supplies, posing serious health risks.

Produced by Products V3-IGP PowerSewer is a low-pressure sewer system that pumps residential wastewater through small-diameter piping to a collection, or treatment area. Unlike traditional treatment systems, the PowerSewer can be used in the mid-1960s. Of thousands all over the U.S. since successfully used in the hundreds of low-pressure sewer systems and septic tanks, the PowerSewer offers a unique blend of performance, aesthetic, and safety and ease of use. A low-profile fiberglass cover protects access to the collection tank. The compact pump weighs only 75 pounds for easier installation.

The PowerSewer System Benefits Everyone

The Developer

•  Ease of installation
•  Property values increased by centralized sewers
•  Ability to develop previously unsellable lots
•  Increase housing density per acre

The Contractor

•  LPS System Design
•  Site Adjustable
•  Safer site conditions with centralized sewers
•  Complete system under control panel, change out head- feet

The Community

•  Provides an affordable centralized sewers
•  Predictable performance in all types of terrain
•  Eliminates problems caused by infiltration and overflow

The Homeowner

•  Provides an affordable centralized sewers
•  Lower maintenance costs
•  No modifications to household plumbing
•  Lower infrastructure costs

The Engineer

•  Predictable performance in all types of terrain
•  Eliminates problems caused by infiltration and overflow

System Benefits

•  Provides central sewer solution for small to medium-sized communities
during installation.

Unmatched Grinding Capability  

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What sets the new PowerSewer apart?

Shallow Dry Well.

The large capacity, HDPE polyethylene tank provides reserve capacity during power outages. The one-piece tank does not require the contractor to cut holes in it.

Anti-Shear Discharge

Integrally-molded reverse boss protects the discharge service line from the shear forces generated by backfill and tank settlement.

Flexible Tank.

The large capacity, HDPE polyethylene tank provides reserve capacity during power outages. The one-piece tank does not require the contractor to cut holes in it.

Anti-Siphon Check Valve.

Provides both check and anti-siphon capabilities. Eliminates clogged pumps resulting from pumping downhill.

Roto-Molded Tank.

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The V3-IGP PowerSewer®

From Little Giant® Engineered Products
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About Our Company.

In 2006, Franklin Electric Company acquired Little Giant Pump Company to solidify our position as a leading global supplier of water pumping systems for residential and commercial markets.

Little Giant® is a registered trademark of Franklin Electric Co., Inc.

Little Giant Pump Company, now Franklin Electric – Water Transfer Systems, offers the industry a well-respected brand of products, Little Giant. Founded on quality, availability, service, innovation, and value, Franklin Electric continues to bring the Little Giant brand name advantage to the water transfer market.

Franklin Electric is a global leader in the production and marketing of systems and components for the movement of water and automotive fuels. Recognized as a technical leader in its specialties, Franklin serves customers around the world in residential, commercial, agricultural, industrial, municipal, and fueling applications.

Long recognized as the world’s largest manufacturer of submersible electric motors, Franklin Electric has been able to leverage its expertise in motor applications to grow and serve several different markets. The principal application for Franklin products is water well pumping systems, where the company offers pumps, motors, drives, and controls. In addition, Franklin Electric produces a vast array of products for fueling systems and the water transfer market.

With 3,200 employees worldwide, Franklin Electric is a global manufacturer with over 20 manufacturing and distribution facilities located in the United States, Germany, Czech Republic, Italy, Mexico, Canada, Australia, South Africa, China, and Japan.

The V3-IGP PowerSewer®

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### Advantages

#### Unmatched Grinding Capability

The PowerSewer centrifugal pump represents a new direction in grinder pump technology, combining unmatched grinding capability with terrific pumping power. It offers a flush head of 132 feet with a maximum flow of 38 gpm. With the kind of pumping performance, the PowerSewer minimizes or eliminates the need for costly lift stations. A redesigned grinder pump assembly includes a grinder pump connected to a plumbing tree consisting of a hydraulic actuating flange, a self-cleaning check valve, and an anti-siphon valve. The compact pump weighs only 75 pounds for easier installation.

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### Low Pressure, Lower Cost.

Low pressure means a cost-saving system for your individual needs. Experts do the work. We’ll custom design a reliable, project-specific solution. Plat map for your next project is included in the engineered product design. The system is designed to be flexible and can be used to meet the needs of many kinds of terrain. The Little Giant PowerSewer can be installed in the lawn, and the system’s control panel is a small, attractive wall- or pedestal-mounted enclosure. Best of all, when combined with modular treatment, a system of PowerSewer pumps can provide a community with an inexpensive, central sewer system that increases property values.

### Easy to Install

The Little Giant PowerSewer is shipped from the factory complete, eliminating costly work during installation. The product is very easy to install and has been designed to significantly reduce installation time.

### Homeowner Friendly

Designed specifically for residential use, the PowerSewer offers a unique blend of performance, aesthetics, safety and ease of use. A low-profile fiberglass cover protects access to the collection tank. The PowerSewer can be installed directly in the lawn, and the system’s control panel is a small, attractive wall or pedestal-mounted enclosure. Best of all, when combined with modular treatment, a system of PowerSewer pumps can provide a community with an inexpensive, central sewer system that increases property values.

### Site Adjustable

Six different basin heights give contractors the ability to adjust the PowerSewer to the site where it will be installed by choosing among the following depths:

<table>
<thead>
<tr>
<th>Depth (inches)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>54</td>
<td>Standard</td>
</tr>
<tr>
<td>73</td>
<td>1/2 FT</td>
</tr>
<tr>
<td>84</td>
<td>1 FT</td>
</tr>
<tr>
<td>95</td>
<td>1 1/2 FT</td>
</tr>
<tr>
<td>108</td>
<td>2 FT</td>
</tr>
<tr>
<td>125</td>
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</tbody>
</table>

***Designed specifically for residential use, the PowerSewer offers a unique blend of performance, aesthetics, safety and ease of use.***

### Low Maintenance

Advanced technology and modular construction make the PowerSewer system easy to maintain. By relocating the start components to the control panel, change out is faster, easier, and less expensive. Plus the grinder pump can be quickly removed for maintenance without using tools.

### System Benefits

<table>
<thead>
<tr>
<th>System</th>
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</tr>
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<tbody>
<tr>
<td>V3-IGP PowerSewer</td>
<td>- No underground piping needed to tie into existing septic systems or conventional drainfields. - Modular design allows for easy incorporation into new or existing infrastructure.</td>
</tr>
<tr>
<td>PowerSewer</td>
<td>- Lower cost compared to traditional treatment systems. - Eliminates the need for expensive lift stations.</td>
</tr>
<tr>
<td>The Engineer</td>
<td>- Provides an affordable wastewater solution. - Predictable performance in all types of terrain. - Eliminates problems caused by infiltration and inflow.</td>
</tr>
<tr>
<td>The Community</td>
<td>- A pump to a sewer line in residents. - An excellent wastewater solution for small to medium-sized communities everywhere. - Environmentally safe for rivers and lakes.</td>
</tr>
<tr>
<td>The Developer</td>
<td>- Shortens the construction timeline. - Property values increased by reducing construction costs. - Ability to develop previously unsellable lots. - Increase housing density per acre.</td>
</tr>
<tr>
<td>The Homeowner</td>
<td>- Lower maintenance costs. - Minimal annual electrical costs. - No modifications to household plumbing. - Property values increased by reduced cost of development.</td>
</tr>
<tr>
<td>The Contractor</td>
<td>- Cuts installation time. - Safer site conditions with minimal excavation required. - Complete system.</td>
</tr>
<tr>
<td>The Homeowner</td>
<td>- Lower maintenance costs. - Minimal annual electrical costs. - No modifications to household plumbing. - Property values increased by reduced cost of development.</td>
</tr>
<tr>
<td>The Community</td>
<td>- Lower infrastructure costs. - Medium and large-sized communities solution for small to medium-sized communities everywhere. - Environmentally safe for rivers and lakes.</td>
</tr>
<tr>
<td>The Engineer</td>
<td>- Provides central sewer solution for maintenance without using tools.</td>
</tr>
</tbody>
</table>

Above: The PowerSewer’s unique design allows pumping both liquid and solids, reducing or eliminating the need for costly lift stations. It can work beautifully in the most remote locations and in high ground water conditions, as well as in shallow, narrow trenches and in hilly or rocky terrain. In addition, it can work beautifully in bedrock, impermeable clay, and dense clay, as well as in high ground water conditions.