



Franklin Electric

POWERSEWER[®] SYSTEM

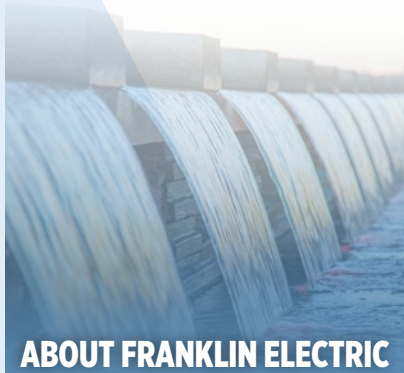
LOW-PRESSURE SEWER SYSTEM



franklinwater.com

FPS

YOUR PARTNER FOR **WATER SYSTEMS**



ABOUT FRANKLIN ELECTRIC

Franklin Electric is a global provider of complete systems for the movement of water.



HIGH PERFORMANCE PUMPS

Our proven portfolio of submersible and surface pumps are designed for superior durability, efficiency and performance.



PACKAGE SYSTEMS

Engineered for performance and reliability, our wastewater packages are designed to meet the most challenging application requirements.



POWERSEWER SYSTEMS

The FPS PowerSewer® System has a more flexible, service-friendly, and efficient system for residential and commercial applications. This low-pressure sewer system is available in 60-, 72-, 84-, and 96-inch basin sizes and pumps wastewater to a collection or treatment area, making it a proven alternative to gravity sewer systems and septic tanks.

The PowerSewer System features an isolated pump support that can accommodate heavier pumps for expanded applications.

Providing added installation flexibility through the compatibility with the entire line of FPS grinder pumps.

The inclusion of the FPS high head grinder allows the PowerSewer System to produce a maximum shut-off head of 200 feet, with a maximum flow of 35 gpm.

**ASSEMBLED
IN THE USA**



FPS



THE POWERSEWER BENEFITS EVERYONE

THE ENGINEER

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

THE DEVELOPER

- Lower infrastructure costs
- Property values increased by centralized sewers
- Ability to develop previously unsellable lots
- Increase housing density per acre

THE CONTRACTOR

- Less installation guesswork
- Safer site conditions with shallow, narrow trenches
- Complete system

THE COMMUNITY

- Provides central sewer to residents
- An excellent wastewater solution for small- to medium-sized communities everywhere
- Environmentally safe for rivers and lakes

THE HOMEOWNER

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

FE SELECT: STREAMLINED EXPERIENCE FROM SELECTION TO STARTUP

With 24/7 online and mobile-friendly availability, FE Select instantly helps you formalize your deliverables with printable and downloadable quotes: no waiting for a callback.

FE Select is the industry-leading online tool from Franklin Electric that makes configuring a PowerSewer System easy for contractors, engineers, and wholesale distributors. It's secure and free-to-use: input your performance requirements and FE Select will help you find the best PowerSewer System to fit your needs.

GETTING WHAT YOU NEED HAS NEVER BEEN EASIER

- Configure and quote a full package system to meet your application requirements, anytime and from any web-enabled device.
- Download full technical specifications and generate pricing in minutes.



FEATURES & BENEFITS



SHALLOW DRY WELL

Integrally-molded dry well houses the electrical junction box and isolation valve handle. Sealed wet well opening prevents exposure to sewage and odors.



VENT

Side port allows for the 2" vent to be piped away from living area to a more discrete location.



IPS (ISOLATED PUMP SUPPORT, STAINLESS STEEL)

Additional support to accommodate all FPS 2 hp grinder configurations including single-phase and 3-phase, dual-stage (IGPH & IGPHR) and single stage, and single seal models (IGP).

C-CHANNEL

C-Channel assembly releases from the top of unit, simplifying accessibility allowing for easy installation and maintenance of FPS 2 hp Grinder Pumps.



DROP INLET

Allows for easy up-and-down and side-to-side pipe adjustments with 180° inlet direction flexibility. The drop inlet feeds solids right to the grinding plane, helping to reduce any solids build-up on tank components.





CONTROL PANEL

NEMA 4X enclosure with pump and alarm power circuit breakers, manual pump run, and audible/visual alarms. (Available with leak detection circuitry when purchased with dual seal grinder pump option).



ANTI-SHEAR DISCHARGE

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



ISOLATION BALL VALVE

Provides shut-off capability for easy maintenance to the system.



ANTI-SIPHON CHECK VALVE

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



PATENTED GRINDER PUMP

Powerful 2 hp motor to handle the demands of grinding sewage. Available configurations in single-phase and 3-phase, multiple voltages, single-stage and dual-stage, and dual seal. Externally or internally mounted start components. Patented tight cutting clearances for superior grinding at 414,000 cuts per minute.

PUMP LIFT HANDLE

Multiple grip points provide easier removal and installation of grinder pumps.

FLOAT TREE ASSEMBLY

Spring release for easy removal and maintenance. Factory set 3-float configuration. Pump on, Pump off, and Alarm indications.



ROTO-MOLDED TANK

The large capacity and robust HPDE polyethylene tank provides reserve storage during power outages. The tank is designed with a rounded bottom to facilitate solid flow to grinder intake and also to reduce the amount of fluid left in the tank when the 'Off' level is achieved. Additionally, the one-piece tank features an anti-flotation flange and does not require the contractor to cut holes in it. All penetrations are made in the factory.

Franklin Electric is a global leader in the manufacturing and distribution of products and systems focused on the movement and management of water. We offer pumps, motors, drives, and controls for use in a wide variety of agricultural, commercial, industrial, municipal, and residential applications.

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