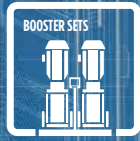
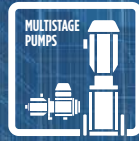


# PRODUCT PORTFOLIO | MORE THAN MOTORS



# MOVING WATER IS OUR BUSINESS

**MULTISTAGE PUMPS**








**EV**  
up to 115 m<sup>3</sup>/h, 326 m

**EM**  
up to 17 m<sup>3</sup>/h, 104 m

**EH - EH DTm**  
up to 29 m<sup>3</sup>/h, 104 m

**VL**  
up to 14 m<sup>3</sup>/h, 104 m

**BOOSTER SYSTEMS**  
up to 84 m<sup>3</sup>/h, 104 m

**END SUCTION PUMPS**




**FNC - FNS**  
up to 240 m<sup>3</sup>/h, 100 m

**DRAINAGE PUMPS**










**ED - EGT - EGF**  
**FWS - FWC - FGR - FLV - FDR - FDP**  
up to 252 m<sup>3</sup>/h, 62 m

**HIGH EFFICIENCY SYSTEMS**




**4"/6"/8"/10" HIGH EFFICIENCY SYSTEM**  
up to 250 kW

**SUBMERSIBLE PRODUCTS**

**ENCAPSULATED MOTORS**  
4"/6"/8" up to 150 kW

**REWINDABLE MOTORS**  
6"/8"/10"/12" up to 400 kW

**OIL-FILLED MOTORS**  
4"/6" up to 30 kW

**SUBMERSIBLE PUMPS**  
4"/6"/8"/10"/12" up to 650 m<sup>3</sup>/h

**5 INCH SUBMERSIBLE MULTISTAGE PUMPS**  
up to 14 m<sup>3</sup>/h, 104 m

## OUR PRODUCT PORTFOLIO - OUR BRANDS

Franklin Electric offers high-quality pumping systems for submersible well and surface applications.

### COMPLETE SYSTEMS PROVIDER

The submersible pumping systems consist of perfectly matching components from motors and pumps to drives and controls to enhance efficiency, security and lifetime. The portfolio of **submersible motors** includes encapsulated and rewindable motors in the range from 0.25 kW up to 400 kW. While Franklin offers a full line of 4-inch motors for single and three-phase voltages and various frequencies, the product line ranges up to large submersible motor sizes up to 12" and 3300 V.

There is a wide range of **submersible pumps** from 4 inch up to 12 inch including close-coupled 5 inch pumps. Moreover, there are vertical and horizontal **Multistage pumps** with cutting edge technology in terms of performance and efficiency. The portfolio is completed with the range of **pressure boosting systems, wastewater and drainage pumps** as well as **end suction pumps**.

The Coverco brand produces 4-inch and 6-inch **oil-filled rewindable motors** which are recognized in the market for their robustness and reliability. They are available from 0.37 up to 30 kW as single and three phase versions.

Besides the motor and pump portfolio, Franklin Electric has developed innovative products. In consideration of environmental relief and energy saving Franklin Electric offers the **High Efficiency System (HES)** with first-class performance and power ratings up to 250 kW, increased lifetime and energy savings up to 21 %. Diverse Solar Pumping Systems enable the operation without electricity supply such as the 4"-10" Solar High Efficiency Systems.



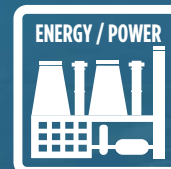
## OUR MARKETS

**Agriculture:** Relying on Mother Nature to irrigate crops, irrigate pastures or provide drinking water for animals is risky, especially when unpredictable drought periods hit the hardest. Franklin's agriculture pumping system provide stability to increase output, better predict crop yields and keep your animals strong and hydrated.

**Commercial:** At the turn of a faucet or flip of a lever, customers count on your commercial building to supply water at the pressures that serve their needs, whether the building is 1 story or 100. Franklin's complete line of pumping systems eliminate the worry and customer headaches that result from failed pumping equipment and help you overcome the challenge of supplying proper water pressure at varying structure heights.

**Residential:** Homeowners expect the tap to flow when they request water for any reason. So, whether your customers need water for general household use, desire lawn irrigation or want to boost their water pressure, our pumping systems provide the reliability you expect to minimize service calls and maximize customer satisfaction.

**Industrial:** To maximize production of your niche output, equipment cooling and washing systems along with general water usage systems are expected to run at peak efficiency for long durations. Franklin products not only transfer the water needed to maintain these efficiencies, but they provide protection to extend the life of your pumping system and ultimately the value of your industrial operation.



# FRANKLIN ELECTRIC – MOVING WATER. MOVING FORWARD.

## OUR VISION

Franklin Electric has grown from a small motor manufacturing company into a leading global provider of systems and components for moving water and fuel.

Named after America’s pioneer electrical engineer, Benjamin Franklin, we continue to follow the core of our founders’ strategy by continuously improving our products and processes to deliver valuable and innovative solutions that better serve our customers’ needs.

Recognized as a technical leader in its products and services, Franklin serves customers around the world in residential, commercial, agricultural, industrial and municipal, and fueling applications.

## Health, Safety, and the Environment

We touch the lives of millions of end-users of our products. We thoughtfully consider and continuously recognize the impact we make on the people of these communities and on the environment.

Our vision is to be an indispensable partner to our customers by consistently delivering products of the highest quality available in the market, providing training that reflects the importance of the safety of our customers and end-users and that protects the environment, and developing innovative products that deliver unparalleled performance and support sustainable energy sources. Our goal is to accomplish these objectives in ways that deliver value to our customers and shareholders.

Clean and readily available groundwater is vital to the health and well-being of much of the world’s population, and the success of our water systems business is inextricably linked to this necessity. Pollution of groundwater aquifers represents a clear danger to human health and the environment. We therefore do our part, by lowering our own environmental impact by mandating clean, sustainable manufacturing and distribution processes, and by designing products that themselves protect against environmental damage.

Headquartered in Fort Wayne (Indiana/USA), Franklin employs 5,000 people globally, is present in over 50 worldwide locations and generates a sales turnover of 1.15 billion Euro.

Franklin Electric is committed to providing high quality products and services to our customers. Through our Franklin Leadership System, we are focused on a culture of continuous improvement to ensure we offer the best value to our customers.

## Franklin Wells for the World Foundation

There are nearly one billion people in the world that don’t have access to safe, clean drinking water. For most of us, a drink of fresh, clean water is only a few feet away. However, in many developing regions the nearest source of water is a few miles, and the only water they have is, in most cases, contaminated. These unclean water sources cause cholera, diarrhea, dehydration, dysentery, and in many cases, death. In one week, approximately 47,000 people die from a water-related disease; 90% of those deaths are children under five. That’s approximately 6,000 children every day or one child every 15 seconds.

A majority of the world’s fresh water is buried hundreds of feet below the ground, and Franklin Electric is the world leader in accessing groundwater. Since the inception of Franklin Wells for the World Foundation in 2010, we’ve impacted the lives of over 160,000 people by bringing this water to the surface.

Our mission is to provide safe, reliable, and cost-effective water supplies to suffering communities, focusing on Africa, where the need is greatest. It is our goal to provide fundraising and technical resources for water projects, as well as provide global partnerships for charitable organizations. Franklin Wells for the World is our effort and commitment to help end the global water crisis.



## OUR VALUES

Focusing on a culture of continuous improvement, driven by our Key Factors for Success, we strive to be a leading provider of quality water and fueling systems, and will continue to expand our influence, while making a difference in the world.

**QUALITY:** The components and products are developed and manufactured according to the highest industry quality standards. In the state-of-the-art production and laboratory facilities, all products are tested to 100% to ensure maximum quality.

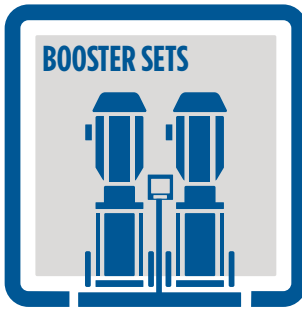
**INNOVATION:** Franklin Electric's commitment to innovation means that we evaluate and incorporate new technologies into our existing products, services and processes to continuously improve value to our customers. Franklin does not search for avant-garde technologies purely for the sake of change, but instead embraces innovations and solid solutions that make a sustainable difference.

**SERVICE:** Franklin Electric supports its customers beyond the commissioning of the system. The industry's leading problem-solving Technical Service Hotline professionals and Expert Field Service Engineers provide real answers in real time for troubleshooting and/or product questions. We are passionate about providing industry-leading technical service, robust training programs, and unwavering support and communication.

**AVAILABILITY:** We are committed to delivering our products and services when and where our customer needs them.

**COST:** We consider cost in every decision we make. We strive to control cost for the benefit of all our stakeholders.





## BOOSTING SYSTEMS

High performance Pressure-boosting and high-level constant pressure with energy savings

### Superior efficiency

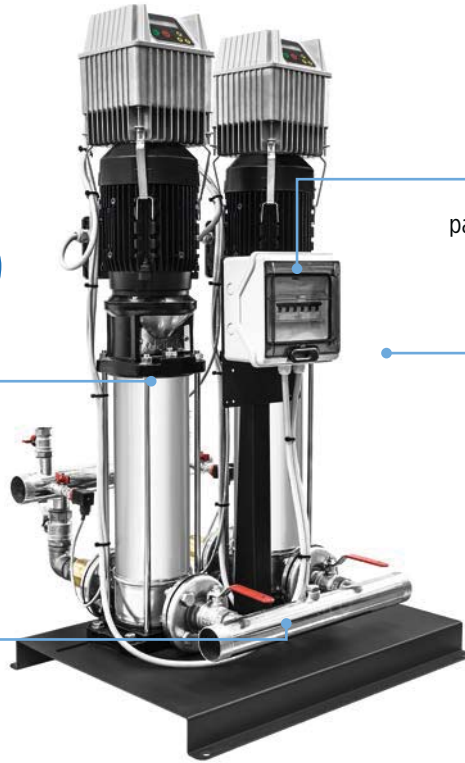


### Compact design

304 Stainless steel manifolds,  
Stainless steel valves  
Predisposition for anti-legin device

### Series of pumps connected in parallel

through manifolds, shut-off valves,  
check valves and fixed on a skid



### Control panel and pressure switch

All pumps can be set and controlled by a control panel and pressure switch (fixed speed) or by inverter (variable speed).

### High-quality design

All booster set are assembled in the factory, hydraulically and electrically tested.

### Suitable for various applications



Domestic water supply  
Industrial plants



Water Distribution  
Pressure Boosting



Rainwater Recovery



Irrigation,  
Gardening, Sprinklers



Industrial plants  
Wash down unit



Industrial cooling,  
HVAC systems

### VERSIONS

- Fixed speed / Variable speed
- 304SS manifolds



## FEATURES & BENEFITS

- Available for series EH, EM, EV, FN
- Available range up to 8 parallel pumps
- Power supply voltage: 1 x 230 V 50 Hz for single-phase sets, 3 x 400 V 50 Hz for three-phase sets
- Ambient temperature at nominal load: max 40 °C
- Relative humidity: max 50% at 40 °C
- Max. altitude at nominal load: 1000 m
- Temperature of pumped liquid: clean water: 5 °C to +35 °C
- Start-up: direct or with inverter

## ADVANCED CONTROL VIA INVERTER

- Bluetooth 4.0 Connectivity
- Remote control and maintenance via Mobile App
- Easy and fast commissioning due to initial configuration wizard
- Remote assistance / Trouble shooting from the Franklin Electric support team

### Watch the Youtube video:



Boosting systems

## VARIABLE FREQUENCY DRIVES (VFD)

Franklin Electric Variable Frequency Drives are designed to work in a wide range of submersible and surface pumping applications. They are offering great flexibility, state of the art motor protection, energy savings and enhanced pump speed control while remaining easy to use.

The innovative and reliable design allows multi-purpose use across many industries and key applications such as residential constant water pressure, municipal water supply, agriculture and irrigation, dewatering and mining.



**DrivE-Tech MINI**  
IP66 wall mounted /  
Pump mounted drive



**DrivE-Tech COMPACT**  
IP66 wall mounted/  
Pump mounted drive



**DrivE-Tech**  
IP66/65/54 wall mounted/  
Pump mounted drive



**Cerus X-Drive**  
IP20/00 /  
Panel mounted drive

**DrivE-Tech Series**  
0.55 - 130 kW

**CERUS X-Drive**  
4.0 - 250 kW

The DrivE-Tech and Cerus X-Drive are variable frequency drives designed to control and protect three phase asynchronous and permanent magnet synchronous motors in residential, industrial, municipal, and agricultural applications. They are easy to integrate into existing infrastructure or to be used as stand-alone drive modules for individual pumping applications.

- ✓ Enhanced pump speed control
- ✓ State of the art motor and pump protection features
- ✓ Operation of induction type asynchronous motors and permanent magnet synchronous motors
- ✓ Wide performance range up to 250 kW
- ✓ Compact, innovative and reliable design
- ✓ Bluetooth connectivity and Mobile App control
- ✓ Remote Support, commissioning, and support
- ✓ CE approved

### EASY INSTALLATION & SUPPORT

- ✓ Intuitive start-up experience with application-specific parameter pre-sets
- ✓ Setup/commissioning through user-friendly Mobile App or keypad
- ✓ Copy-paste parameter setup between multiple drives through keypad data storage or Mobile App