

CERUS[®] X-DRIVE

DELIVER MORE. OFFER FRANKLIN.



Franklin Electric

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YOUR PARTNER FOR WATER SYSTEMS



HIGH-PERFORMANCE PUMPS

Deliver water for any sized job with our proven portfolio of submersible and surface pumps.



LEGENDARY MOTORS

Unrivalled performance powered by our legendary submersible motors, including the MagForce™ High Efficiency Motor.



ENGINEERED DRIVES

An innovative line of starter and drive panels designed specifically for ease-of-use in water pumping applications.



CERUS[®] X-DRIVE

Designed for variable torque applications up to 600 hp*, the Cerus[®] X-Drive is Franklin Electric's all-inclusive drive solution for a variety of markets. The X-Drive controller is loaded with application-specific firmware with enhanced settings that control and protect motors for the most demanding applications in pump, HVAC and industrial markets. Available in multiple packaged configurations, including submersible and centrifugal, these panels are built to last, with every detail and component centered around your requirements.

Pair this product with our legendary motors and pumps to maximize the performance of your application. All of this is backed by the best support team in the industry, making sure our business isn't what slows yours down.

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*Models are available for up to 700 hp for 575V applications only.



THE RIGHT DRIVE FOR THE JOB

FULL-FEATURED FOR YOUR APPLICATION

- Streamlined setup process with application-specific firmware that pre-programs settings for quick and easy startups and reliable protection for any project
- Pre-PID control provides constant pressure and enhanced modes with external or cascade control options
- Built-in DC choke for applications 50 hp and above for harmonics mitigation
- Seamless integration into SCADA and automation systems using Modbus RTU and BACnet communications
- Designed with a UL type 4X removable display that can be mounted remotely without additional covers or environmental protection
- Built-in Programmable Logic Controller (PLC) for advanced industrial applications
- Compact form-factor offers a reduced footprint and industry-leading power density (horsepower per cubic inch), which translates to a smaller panel
- UL-Listed phase conversion versatility allows for single-phase or three-phase input

VARYING SPEED, CONSTANT SAVINGS

- By running your motor to meet the demands of your application, the X-Drive can reduce energy costs by up to 50%
- Variable motor speed allows for soft start, protecting the life of your equipment and offering long-term savings

EASY INSTALLATION

Discover an incredibly intuitive start-up experience with application-specific parameters pre-set to industry standards for submersible pumps, centrifugal pumps, cooling tower panels and circulating pumps.

MARKETS & APPLICATIONS

Agriculture	<ul style="list-style-type: none"> • Irrigation • Livestock
Municipal	<ul style="list-style-type: none"> • Sewer Bypass • Lift Stations
Mining & Construction	<ul style="list-style-type: none"> • Dewatering • Slurry & Tailings Removal • Wastewater Reuse • Dust & Fire Suppression • Evaporation Equipment • Process Water
Commercial	<ul style="list-style-type: none"> • Pressure Boosting
Industrial	<ul style="list-style-type: none"> • Constant Torque • Rotating Equipment • Conveyor Belts • Rock Crushers • Compressors
HVAC	<ul style="list-style-type: none"> • Circulating Pumps • Cooling Towers • Supply Fans • Exhaust Fans • Air Handlers
Oil & Gas	<ul style="list-style-type: none"> • Water, Oil & Mud Transfer • Drilling Mud Recirculation • Fuel Storage Tank Booster • Downhole Pumps (Surface Controls)

X-DRIVE PERFORMANCE RANGE

HP	Voltage	Max. Amps
1 hp - 100 hp	200-208V	322 A
1 hp - 125 hp	230V	322 A
1 hp - 600 hp	480V	770 A
1 hp - 700 hp	575V	675 A



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*Franklin Electric's dedicated support teams have your back every step of the way.
Our products are backed by services unique to the Franklin Experience:*



Access to the industry's leading Technical Support professionals and Field Service Engineers.



Pumps are eligible for an Extended Warranty with Franklin Electric-supplied motor and drive/panel.



Our industry-leading online tool allows you to easily size, configure, price and quote.