VARIABLE SPEED
MAXIMIZE PROFITS, MINIMIZE EXPENSES

Introduced in 1995, FE Petro™ brand variable speed submersible turbine pumps (STPs) were the first of their kind for the petroleum industry. With faster fill times during peak hours and power savings during non-peak hours, FE Petro™ brand variable speed STPs allow you to maximize profits while minimizing operating expenses.
VARIABLE SPEED

Check out these benefits only FE Petro™ brand variable speed submersible turbine pumps (STPs), the industry's highest performing 4” diameter STPs, can provide.

**HIGHER FLOW RATES**
The MagVFC™ variable speed controller ramps the STP up and down as needed to provide optimal flow rates at fueling points. The result is a more consistent customer experience.

**EFFICIENT ENERGY CONSUMPTION**
Because a variable speed system is constantly providing only the necessary power to achieve desired flow rates, the system only consumes as much energy as is needed.

**MEET YOUR FLOW RATE NEEDS**
A variable speed STP can be adjusted at installation to perform at a maximum per-nozzle flow rate of 10 gpm (38 lpm) based on your piping and dispensing system.

**MINIMIZE HYDRAULIC HAMMER**
Hydraulic hammer is a sudden pressure spike resulting from a stoppage in flow in a pressurized piping system. This can be exaggerated in fixed speed systems.

**HIGHLIGHTS**
- Faster, more consistent flow rates than fixed speed systems for higher throughput at virtually the same total cost of ownership.
- Ramping up and down of pressure makes nozzles easier to squeeze and helps reduce overall system wear.
- Energy savings during non-peak business hours and increased flow during peak hours.
- Potential for reduced energy costs without sacrificing a faster customer fueling experience and without a transducer or special wiring.
- Depending on peak business requirements, choose from either 2 Hp of 4 Hp models to meet your needs.
- 2 Hp STPs provide constant 10 gpm (38 lpm) for up to eight fueling positions operating simultaneously.
- 4 Hp STPs provide constant 10 gpm (38 lpm) for up to 12 fueling positions operating simultaneously.
- A variable speed STP will ramp up and down to provide only the pressure needed to meet demand and significantly minimize the effects of hydraulic hammer.
- Hydraulic hammer may result in system fatigue and intensified wear to system components.

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FE PETRO®
A Franklin Fueling Systems Brand

FFS-0366 06-14