

H-Pump Rental Units

H-Pump rental systems for jet pump power fluid and production pumping applications



The Tech-Flo H-Pump System is a unitized, trailer mounted multistage centrifugal pump package that can be utilized for long or short term rental for jet pump and fluid pumping applications. The system includes a variable frequency drive with SCADA monitoring, a self priming charge pump and fluid filtration all mounted on the trailer with rigid piping and solely a suction and discharge connection to make upon arrival to location. With significant cost and performance advantages over traditional multiplex reciprocating plunger pumps, operators are able to lower LOE while reducing downtime and have a greater range of operating capabilities. Tech-Flo can also utilize the H-Pump rental systems to size permanent pumping equipment when well flow rates or data is not available, increase volume with a previously installed system as well as replacing equipment that is under repair.

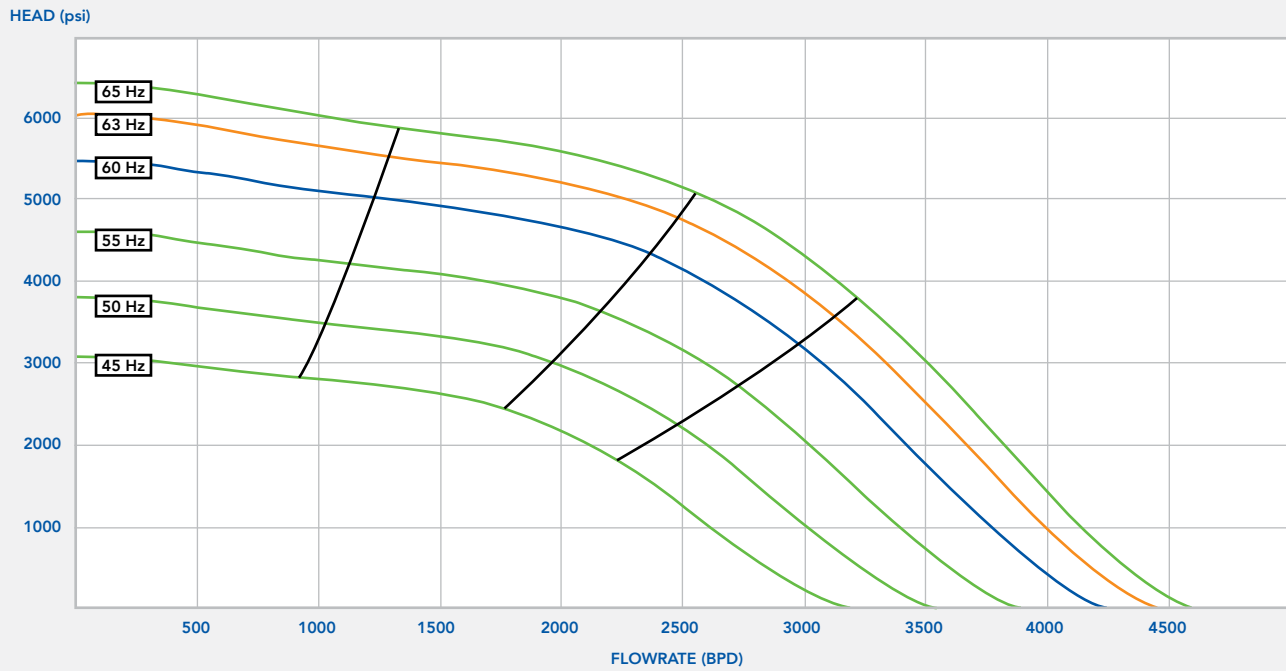
THE H-PUMP UNIT CONSIST OF:

- Multistage centrifugal pump
- 300 HP TEFC 3600 RPM motor
- VFD with SCADA and OptiPump controller
- 40' Dual axle gooseneck trailer w/ stabilizers
- Self priming charge pump, mounted on trailer
- Dual pot strainer, mounted on trailer
- Flow meter, volume control valve, check and isolation valve mounted to H-Pump discharge
- Rigid mounting of all piping and valve work on trailer
- Satellite

ELECTRICAL SYSTEM FEATURES AND PROTECTION:

- Injection PSI, analog and digital
- Suction PSI, analog and digital
- Differential PSI across filters, 4-20ma
- Flow meter communication for high/low/no flow conditions, 4-20ma
- Thrust chamber oil level high/low, digital
- Vibration sensor and kill, 4-20ma
- Can be operated in PID loop function
- Charge pump panel integrated into VFD with start up time delay and no flow kill
- I/O for client tie in to VFD and pump controller for existing SCADA systems

TYPICAL TECH-FLO H-PUMP OPERATING CURVE



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