

FLEX FLOW

Systems and Solutions

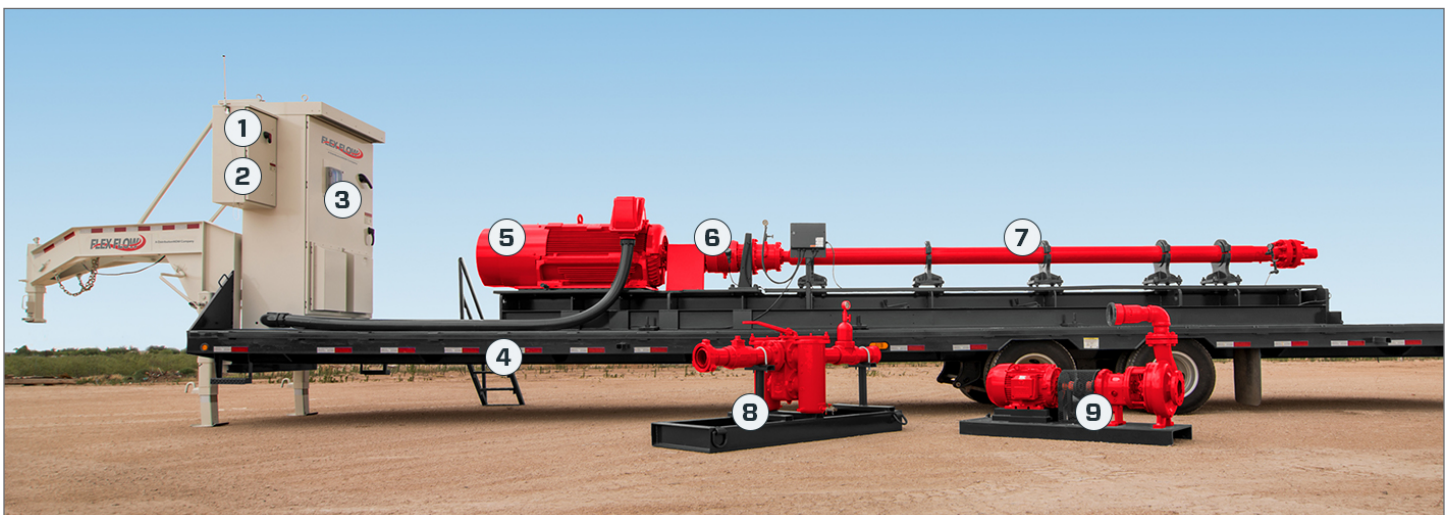


A DistributionNOW Company

Flex Flow is a leading provider of H-pump solutions for surface applications across the energy industry. We offer rental, permanent installation, and service of high-performance horizontal pumping systems (HPS) and hydraulic jet pumps (HJP) and provide our customers with the H-pump expertise they need throughout the lifecycle of their water management applications. Let our proven, reliable solutions maximize production and lower your operating costs.

THE FLEX FLOW SYSTEM

Flex Flow's trailer-mounted horizontal pumping system (HPS) integrates a surface horizontal pumping system with variable speed drives (VSD), surface controls, and automated reporting capabilities to lower the total cost of fluid transfer. Our flexible design allows sub-components to be easily interchanged in the field for a wide range of applications.



1. The variable speed drive (VSD) is used to vary the motor speed and can be controlled remotely.
2. The VSD also houses a programmable logic controller (PLC), a data process and controller used to produce automated reports; the PLC also contains 16 IO modules and can tie in tank batteries and various transducers for automated controls.
3. Customers have web access to cloud-based data collection stored with a third-party company.
4. The 40 ft. trailer mounting system allows the HPS to operate as either a permanent or temporary system.
5. An electric motor powers the multi-stage centrifugal pump; the motor is 480 V, 3,600 rpm, 3-phase, 2 pole, 100-500 hp depending on application
6. The thrust chamber is designed to absorb the reactive thrust load generated by high-pressure liquids.
7. The multi-stage centrifugal pump transports fluids by converting centrifugal force into flow.
8. Our filtration skid prevents impurities from entering the pump or wellbore.
9. The charge pump boosts the pressure of fluid before it enters the inlet of the primary pump.

FLEX FLOW SOLUTIONS – INNOVATIVE, TESTED & PROVEN

With trailer-mounted or permanent installations, the Flex Flow HPS system offers significant cost and performance advantages over traditional equipment for a range of surface applications.

SALT WATER DISPOSAL

The Flex Flow HPS SWD system uses field-proven multistage centrifugal pumps designed for high pressure, low- to medium-flow saltwater transfer and injection, for a range of applications:

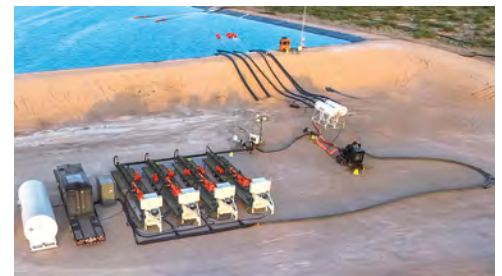
- Enhanced oil recovery (EOR) systems
- Gathering systems
- Production and separation systems
- Steam-generating plants/distribution systems
- Storage systems
- Crude oil and NGL boosting and transfer
- Process fluids transfer



WATER & FLUID TRANSFER

Ideal for all fluid transfer operations, the Flex Flow HPS system is engineered to match flow rate and pressure requirements and connect to existing control systems, offering several advantages:

- Rapid response from trailer-mounted system
- Lease-to-own or staged purchase options requiring zero CAPEX
- Proven reliability with 24/7 support
- Automated reporting and real-time monitoring to support safety shutdowns/alarms
- Cost-effective rental options for temporary installs or to replace equipment under repair



ARTIFICIAL LIFT

Flex Flow offers operators solutions from flowback through production with a unique horizontal pumping system (HPS) and versatile hydraulic jet pumps (HJP) that provide advantages over rod lift and ESP systems in many environments:

- Eliminates common gas locking and solids handling issues
- Lower operating cost, leading to reduced LOE
- Less maintenance with 98% to 100% run time
- Highly mobile with unique trailer-mounted system
- Efficient filtration system that prevents impurities from entering the pump and wellbore
- HJP can be used in many completion scenarios (conventional, reverse circulation and concentric) and in conjunction with gas lift

