



Horizontal Pumping Systems

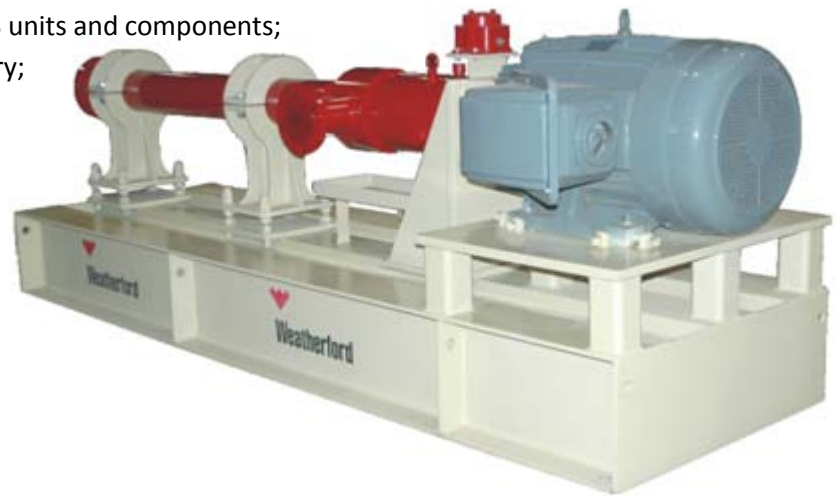
A Team of Industry leaders in Packaged Horizontal Pumping Technology

Borets-Weatherford engineers, designs and fabricates innovative horizontal pumping systems (HPS) to provide specific solutions to a wide range of fluid movement applications. Offering greater flexibility for your pumping needs, we take added measures to provide

- 24-hour technical field service;
- Maintenance programs for all HPS units and components;
- Maximized use of surplus inventory;
- Site-ready delivery of all units

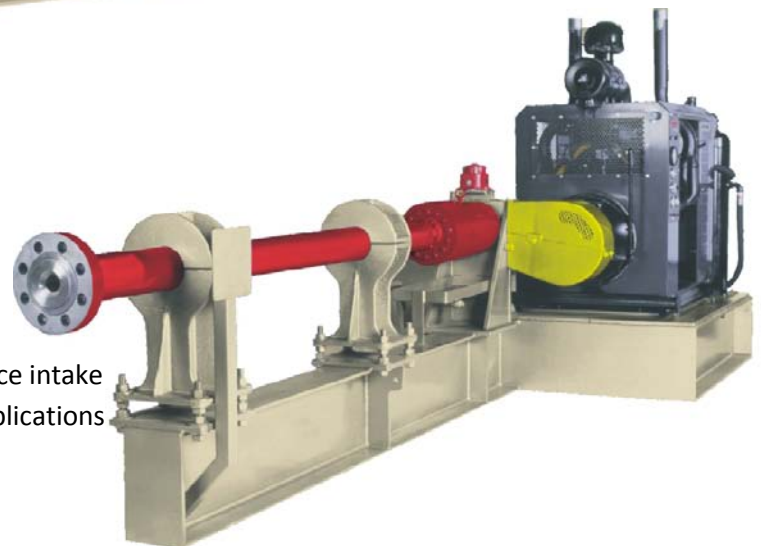
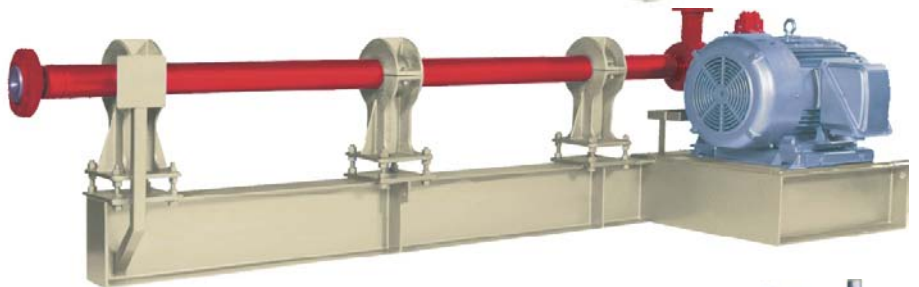
Applications

- Waterflood
- Water disposal
- Dewatering
- Jet pumping
- Pipeline boost
- Hydraulic motive power
- Industrial fluid transfer
- Numerous other applications
- CO₂/LNG booster services



Key Features

- Client-focused designs
- Adaptable HPS bench
- Electric or gas driven
- Direct-coupled or belt-driven versions
- Multistage pumps
- Flow rates to 40,000 bpd (1,167 gpm)
- Multiload thrust chamber
- Discharge pressures to 5,000 PSI (345 bar)
- Laser aligned
- Minimal system maintenance required
- Environmentally friendly vibration-free one-piece intake
- Parallel systems available for high-flow-rate applications



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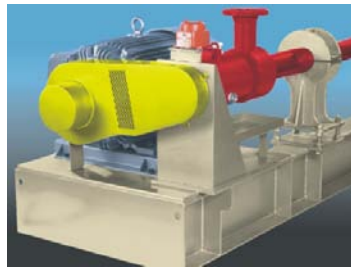
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Conventional, Direct Coupled Systems

The conventional electric, direct-coupled pumping unit is a low-maintenance alternative to traditional reciprocating and split-case pumps. This design is interchangeable with most existing HPS systems.

- Most reliable and technically advanced thrust chamber available
- Rigid, low-profile HPS bench design
- Wide range of flow rates and pressures
- Designed to client specifications
- Electric motor, 2-pole, 3,600 rpm, NEMA
- Thrust chamber configured for operating pump thrust
- Modular intake adapter
- Vibration and pressure shutdowns
- Optional variable speed drive



Electric, Belt-Driven Systems

The electric, belt-driven unit is the most flexible HPS with the smallest footprint in the industry. It can be used with 1,800- or 3,600-rpm electric motors-an advantage that can greatly reduce capital cost by allowing the client to use motors from an existing inventory.

- Rigid, low-profile HPS bench design that allows for side-mount or offset-mount of motor
- Cost-effective variable speed
- Wider range of flow rates and pressures
- Designed to client specifications
- Electric motor, 1,200-, 1,800- and 3,600-rpm, NEMA
- Thrust chamber configured for operating pump thrust and belt load
- Modular intake adapter
- Reduced overall length
- Pump operating characteristics can be field-modified by simply changing the belt sheaves



Gas- or Diesel-Powered Systems

Natural gas-, propane-, or diesel-powered pumping units are ideal for placement in remote locations, where electric power is unavailable. The key advantage of this unit is variable speed control through adjustment of the engine throttle. This capacity eliminates the need for expensive generators, variable speed controllers and starters.

- Rigid, low-profile bench design
- Cost-effective variable speed
- Wider range of flow rates and pressures
- Designed to client specifications
- Internal combustion engine with clutch assembly
- Thrust chamber configured for operating pump thrust and belt load
- Modular intake adaptor
- Vibration and pressure shutdowns
- Available as belt-driven or with speed increaser gearbox

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