



HOSS

Horizontal Surface Pump

The HOSS™ pump system is one of the most technically advanced horizontal pump systems on the market. Each system is designed and engineered specifically to maximize the reliability of your operations.

Features and Benefits

Pump - The pump is available in the 400, 538, 675, 862, 875, 950, 1025, 1100, and 1200 series, with pressure limits re-rated for safe surface operation. The 538 and 675 series pumps can achieve discharge pressures up to 6,000 psi MAWP. Featuring an oversized, thicker housing for a higher pressure rating, the pump is built with stages made of Ni-resist, coated Teflon, or boronized materials. Bearings are available in Ni-resist, tungsten carbide, and Graphalloy. Each pump is sized and designed specifically for its application.

Horizontal Thrust Chamber - The HOSS thrust chamber features a unique technical design, increasing mean time between failure. Standard capacity is 19,400 lb, with models up to 75,000 lb. It operates fully flooded at lower temperatures and uses less horsepower, enhancing system run life and reducing total ownership cost.

Cooler Package - The cooler package lubricates the HTC to provide longer run times and reduces oil temperatures to increase bearing life under high loads. In severe applications, it can be fitted with an internal cooling coil for an external water supply.

Instrumentation - Equipped with a vibration monitoring system, HTC oil level switch, resistance temperature detector (RTD), and suction/discharge pressure gauges, it also includes optional explosion-proof instruments and enclosures.

Ladder Box Skid - The pump system utilizes a heavy tubing ladder box design - this modular and scalable design ensures rigid alignment accuracy, low vibration, easier maintenance access, and field adaptability in either a V trough or Pedestal design.





With Max Production, we are empowering oil and gas operators to optimize well production and equipment performance, resulting in greater returns through the life of their assets.

From remote monitoring & control to fully autonomous systems, Max Production offers a suite of applications to maximize profitability at every level of digital maturity.

Features and benefits

- Displays “Live” pump curves
- Thrust bearing cooler pump control
- Charge pump control
- Automated Choke/Control valve control
- Automatic sequential start up control for associated pumps
- Primary control methods
 - Deadband Operating Window
 - PID control
- Primary control inputs
 - Suction pressure
 - Discharge pressure
 - Differential pressure
 - Tank level (Sensors or Switches)
 - Pump torque
 - Flow
 - BEP
- Complete field configurable IO
- Standard instrumentation
 - Suction pressure
 - Discharge pressure
 - Vibration
 - Low Oil Level
 - Low Voltage Instrumentation side box comes standard for personnel safety
 - 5% Line Reactor included

