RUHRPUMPEN

Specialist for Pumping Technology

HTP

Horizontal Turbine Pump

+75 years developing the pumping technology that drives progress

Ruhrpumpen is an innovative and efficient pump technology company that offers highly engineered, custom made solutions for oil & gas, chemical processing, power generation, industrial applications and water.

Implementation of cutting-edge technology and world-class engineering, combined with our unique vertically integrated structure, allows Ruhrpumpen to design complex technical solutions, creating the most robust and powerful pump systems in the marketplace.

Our broad product line complies with the most demanding quality standards and industry specifications such as **American Petroleum Institute (API), American National Standards Instiute (ANSI), Underwriter's Laboratories (UL), Factory Mutual (FM), National Fire Protection Association (NFPA), ISO and Hydraulic Institute.**

Products Include:

- Single stage overhung pumps
- Vertical in-line pumps
- Single and multi-stage between bearing pumps
- Multi-stage vertical pumps
- Reciprocating plunger pumps
- Sealless magnetic drive pumps
- Fire protection systems
- Pitot tube pumps
- Hydraulic decoking systems
- Horizontal pumping systems

360°

Ruhrpumpen is your single source supplier

- Original Equipment
- Spare parts
- Installation and startup support
- Repair and maintenance
- Engineering, training an consulting
- Reverse engineering

Benefits of our pumps

- Proven reliability
- High efficiency designs ensure lowest operating cost
- Robust design allows for long system life with minimal maintenance
- Optimized total cost of ownership

HTP Pump

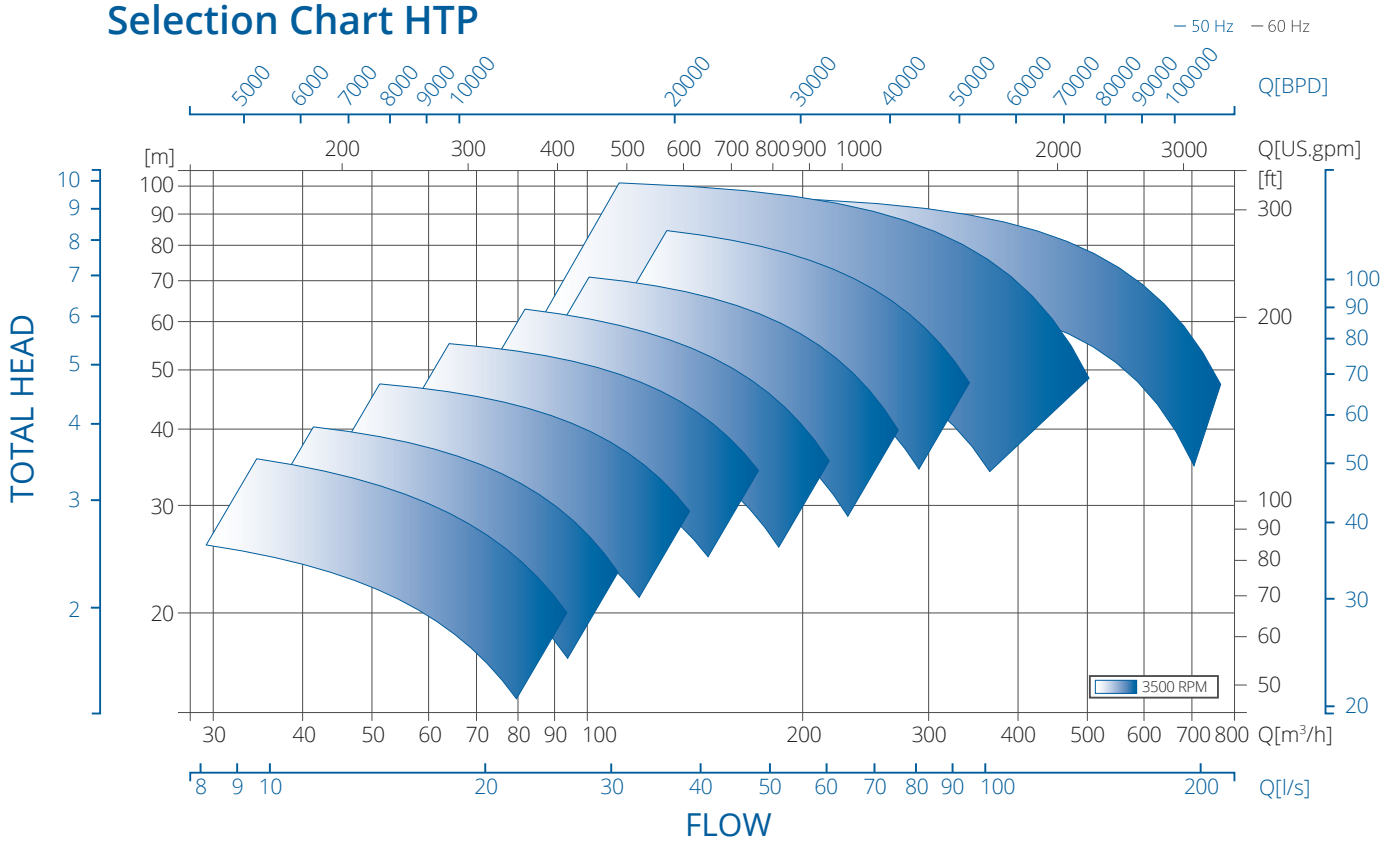
The HTP was designed with best practices in mind from hundreds of years of combined hydraulic and mechanical experience.

Ruhrpumpen HTP systems are designed for high volume and pressure applications using larger diameter pumps than those typically available in the market. Larger OD pumps result in shorter overall systems that produce more pressure for a given flow. The largest pumps can be configured with 15" OD and higher to accommodate flow rates in excess of 120,000 bpd per pump.

Ruhrpumpen has over 75 years of experience with thousands of multistage pumps installations globally. Many with much more stringent requirements than are typical for these applications. We are the true OEM experts on surface pump system manufacturing, commissioning, and troubleshooting with seasoned professionals on hand that know about the unique challenges that pump systems face on the surface versus downhole.

Performance Range

Selection Chart HTP



What Sets HTP Apart

Efficiency

Ruhrpumpen specializes in custom hydraulics up to 86% efficient.

Traditional HTP competitors A, B, and C (oilfield servicing companies) have one or two stages from third parties that can achieve this. RP has many of them!

Testing

Ruhrpumpen conducts factory acceptance testing to API/Hydraulic Institute standards. These standards allow very little devaition from advertised efficiency.

Today HTP competitors conduct their factory acceptance testing to API 11S2 which is much more lenient on aceptable efficiencies and is also an inactive specification.

Innovation

Ruhrpumpen utilizes a thrust chamber unlike anything in the market currently. This thrust chamber is field proven in the process pump/OH2 market with over 3500 installations globally.

It employs incremental cooling and thrust modifications with the system in place before having to switch more expensive thrust chambers and coolers.

+75 years creating the pumping technology that moves our world

Ruhrpumpen is an innovative and efficient pump technology company that offers highly-engineered and standard pumping solutions for the oil & gas, power generation, industrial, water and chemical markets. We offer a broad range of centrifugal and reciprocating pumps that meet and exceed the requirements of the most demanding quality specifications and industry standards such as API, ANSI, UL, FM, ISO and Hydraulic Institute.

Ruhrpumpen Plants

- ARGENTINA, Buenos Aires
- BRAZIL, Rio de Janeiro
- CHINA, Changzhou
- EGYPT, Suez
- GERMANY, Witten
- INDIA, Chennai
- MEXICO, Monterrey
- UK, Lancing
- USA, Tulsa

Manufacturing plant & service center

Service center