



ITT

PTA

ITT PUMPS, VALVES AND CONTROLS
FOR PURIFIED TEREPHTHALIC ACID PLANTS.



PUMPS

VALVES

CONTROLS

MONITORING

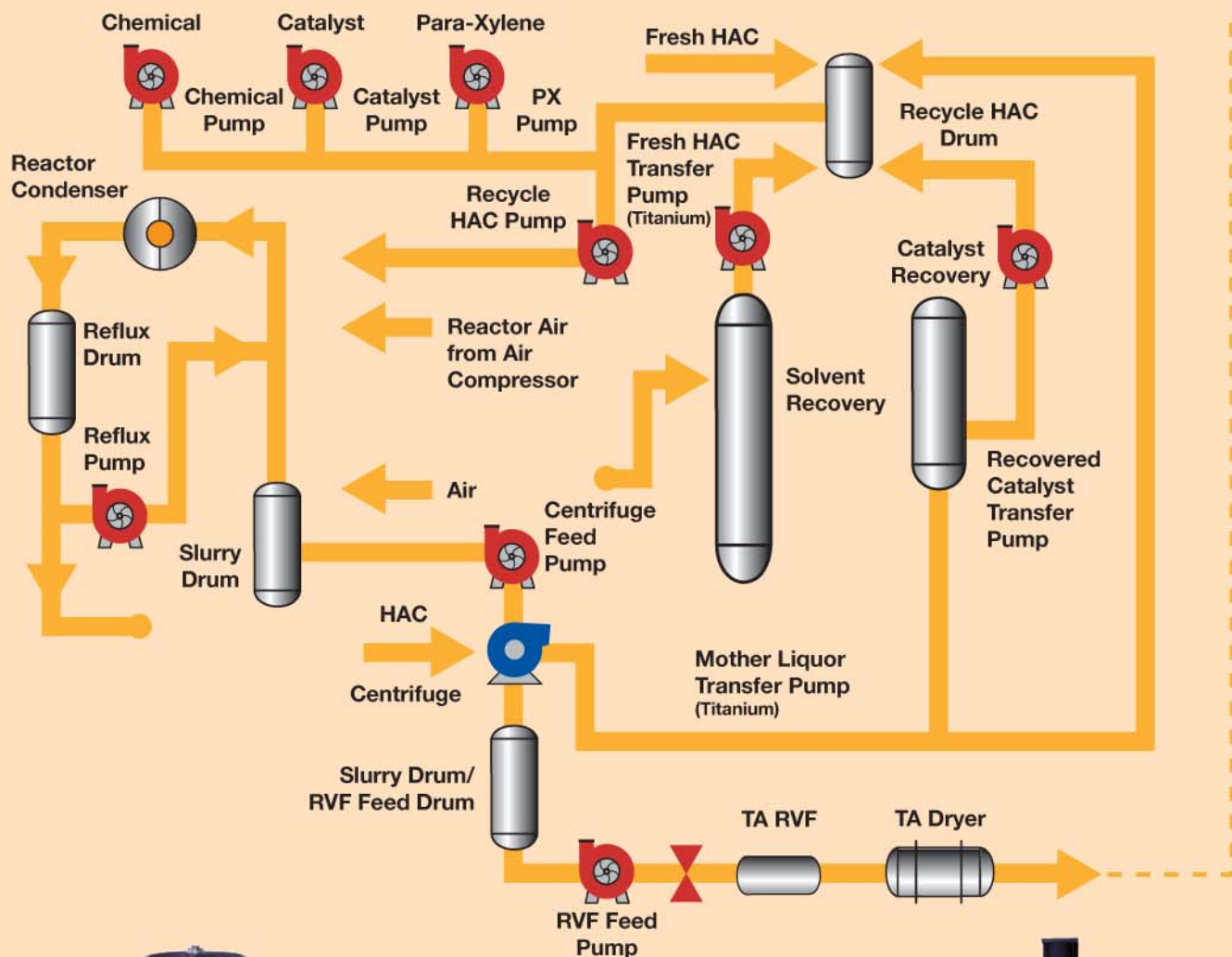
SERVICE

PARTS



Pumps & Valves

The right Pump, Valve, Control and Service for every PTA plant!



Heavy Duty Knife Gate Valve

One of the most popular knife gate valve configurations. This valve features a heavy duty, rugged one-piece cast body, chest and flanges. These valves are available in stainless steel and alloy steels. Size range DIN 50 to DIN 2400 (2"-96").



Siamese Knife Gate Valve

Replaces two standard knife gate valves and a pipe "Y". By utilizing a single fabrication, the gates can be placed to meet right at the intersection of the "Y". This minimizes the dead leg that occurs in conventional two valve arrangements as a result of the valves being located several inches from the junction of the pipes. Size range DIN 100 to DIN 600 (4"-24").



Ported Slide Gate Valve

ITT Fabri-Valve® can manufacture square or rectangular section gate valves in any weldable alloy. The valves are designed and manufactured specifically to meet the needs of each individual process. Size range DIN 50 to DIN 2400 (2"-96").

ITT manufactures and services a family of proven pumps, valves and controls for Purified Terephthalic Acid plant operations—our products are involved in every phase, through the entire cycle. Corrosion, abrasion and extreme pressures and temperatures are just a few of the conditions our process pumps, valves and controls are designed to withstand.

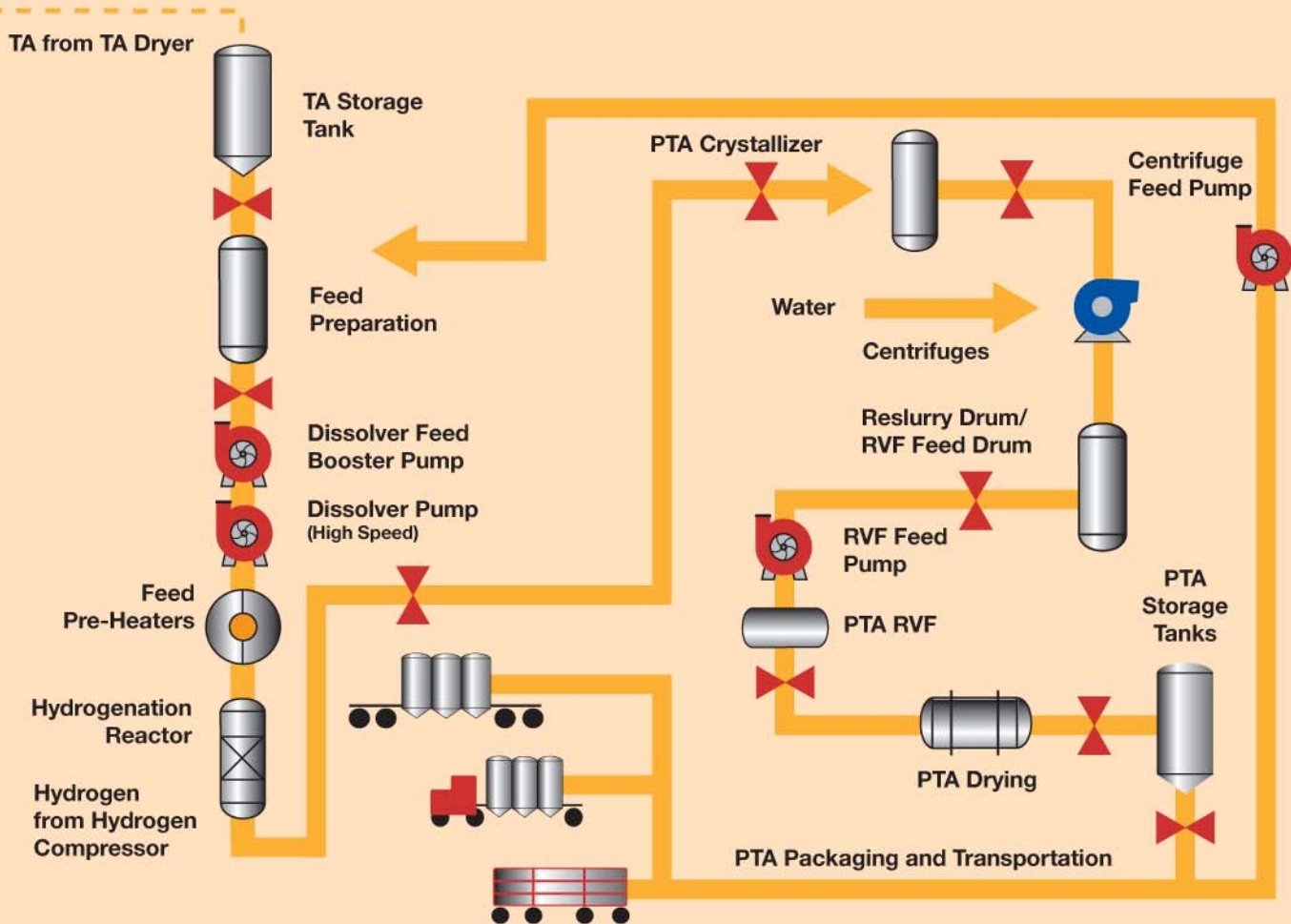
In fact, as part of ITT, the world's largest pump company, Goulds has shipped more than one million pumps for process services.

We engineer each product with the user in mind to meet the needs of the application and to ensure ease

of maintenance and service. We have a long history of providing reliable and durable pumps, valves and controls for the PTA Industry.

When you demand the most dependable and efficient process equipment—we have the products to meet your pump, valve and control requirements.

ITT Goulds Pumps, Engineered Valves and Controls & Monitoring... providing an unparalleled level of experience and expertise to solve your most difficult problems for PTA production.



Model 3196/IC

The 3196 (ANSI B73.1) and the IC (ISO 5199) are heavy duty chemical process pumps designed for demanding applications with dependability and reliability in mind.

- Capacities to 1590 m³/h (7000 GPM)
- Heads to 223 m (730 feet)
- Temperatures to 371 °C (700 °F)
- Pressures to 2586 kPa (375 PSIG)



Model 3180/3185

The 3180/3185 (ISO 5199) pump models are rugged, large process pumps designed to handle the toughest jobs in your plants.

- Capacities to 11,000 m³/h (48,400 GPM)
- Heads to 125 m (400 feet)
- Temperatures to 230 °C (446 °F)
- Pressures to 1600 kPa (232 PSIG)



Model 3700

Model 3700 (API 610 10th Edition) high temperature, high pressure process pumps are designed for optimum reliability and safety.

- Capacities to 1475 m³/h (6500 GPM)
- Heads to 350 m (1100 feet)
- Temperatures to 427 °C (800 °F)
- Pressures from full vacuum to 6 MPa (870 PSIG)



CONTROLS PumpSmart®

Pump control, protection and optimization; ITT PumpSmart products are designed to help improve the profitability and reliability of your pumping systems. Our patented pump protection algorithms provide continuous monitoring of system conditions and will protect your pump against the process upsets that typically lead to failure. Our advanced control algorithms help to right size your pump and limit the noise, heat, and vibrations that occur when pumps are oversized. Altogether, Pumpsmart makes your pumps and your systems run more efficiently; more of the time. www.pumpsmart.com

MONITORING ProSmart™

ITT ProSmart conditioning monitoring systems can improve the effectiveness of your reliability maintenance program by providing continuous monitoring of your rotating equipment health and automatically notifying you of changes or of critical conditions that require intervention. ProSmart can monitor and trend overall vibration, spectral (FFT) vibration, temperature, liquid level, pressure, in addition to standard analog process inputs.

ProSmart was designed from the ground-up to have a ownership cost that is a fraction of the cost of traditional online and walk-around data collection programs. In addition to its low initial cost, installation and ongoing costs are minimal thanks to its distributed processing design, wireless networking, and web based interface. All of this is available in a subscription based service, further minimizing your investment. www.ittprosmart.com

SERVICE PRO Services®

When your pump, blower, compressor or any rotating or reciprocating equipment needs service or after-sales support, when your valve needs reconditioning or repair including in place grinding of seats, you can turn to our PRO Services Center with complete confidence.

No other service company can match PRO Services total customer care. PRO Services also helps customers develop effective maintenance and asset management programs to lower maintenance cost, improve uptime and reduce inventory cost. www.ittproservices.com

PARTS

Whether you need parts for A-C Pump or Goulds Pumps, we have over one hundred stocking locations worldwide waiting to service your needs.

Goulds has the largest distribution system globally. Strategically located stocking distributors and factory warehouses insure availability of your OEM manufacture parts when and where you need them.



For more Information visit us at:

Engineered Valves

www.engvalves.com

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www.gouldspumps.com



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