



# Seneca Falls Operations

Global Scope, Customer Focus



**ITT**

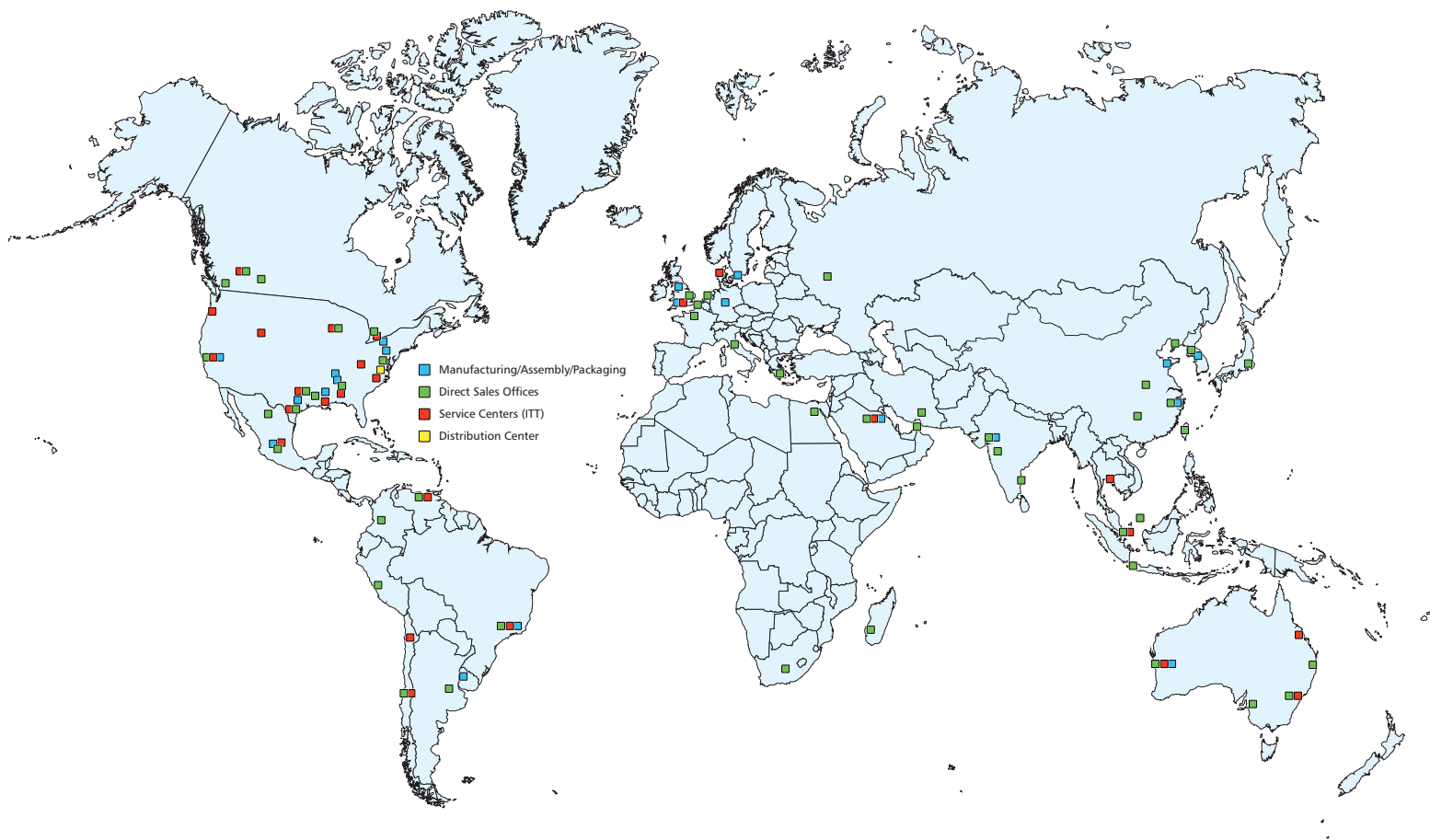
ENGINEERED FOR LIFE

# Cornerstone of a Global Network

## Combining History with Forward Thinking

ITT Goulds Pumps' Seneca Falls Operation (SFO) combines a rich history in the pump industry with the most advanced engineering, manufacturing, research and development, and support services available to customers in the 21st Century. ITT is in business to provide highly engineered solutions to our customers' most challenging technical problems, and Seneca Falls is an essential hub for serving customers globally.

ITT Goulds Pumps is the pump industry's trusted partner, everywhere in the world, because we solve our customers' most difficult challenges. Our strength is not just in advanced facilities; it is more importantly in world-class customer service, in product technology and design, in quality and Lean operations, and in comprehensive aftermarket services.



# Long-standing Experience, New Solutions

Seneca Falls is the flagship location for the ITT Goulds Pumps organization and traces its origin to the very beginnings of the pump industry. Since 1848 it has designed and created the pumps that have moved industry forward, a task that continues and accelerates in the 21st Century. In just the past decade manufacturing volume and product complexity have doubled at the site. Following multi-million dollar investments in facilities and processes, our Seneca Falls Operations have been expanded and realigned to address customers' broad range of industrial processing needs with customized solutions.

Substantial and continuing investments in product development and manufacturing in Seneca Falls and across ITT's network of facilities have extended Goulds Pumps' core strengths in industrial process pumps to the oil & gas and mining markets, and this presence is supplemented by aftermarket service and support through the ITT PRO Services global organization. With Seneca Falls as its headquarters and nerve center, ITT Goulds Pumps has the global platform and industry-leading expertise to deliver solutions to every industrial pump market in every geography, responsively and efficiently.

## Research & Development

The Norman J. Gould Technical Center is the nucleus of the engineering and R&D strength that has characterized the Goulds Pumps brand since 1848. A multi-million dollar expansion of this R&D Center in Seneca Falls has further enhanced its capacity and capability to develop innovative products that optimize the life cycle, reliability and performance of equipment.



R&D and Engineering expertise is leveraged throughout our global engineering network in centers of excellence for particular product areas, as well as in regional R&D centers and focused Engineering support. These facilities include: our India Tech Center in Vadodara; an Aftermarket Engineering Center in Glasgow, Scotland; a Twin Screw Pump Center in Obernkirchen, Germany; a Vertical Pump Products Center in City of Industry, California; and Engineered Valve Centers in Lancaster, Pennsylvania, and Amory, Mississippi – and more.

Our engineers and advanced facilities are dedicated to providing customers the industry's broadest selection of pumps, operating with optimum reliability, energy efficiency, performance and life cycle costs.



# Focused Factory – Industrial Product Operations (IPO) for Highly Configured Products

Goolds Pumps is regarded as the leading brand of process pumps worldwide, based on independent market studies. Industrial Product Operations (IPO) specializes in chemical process and industrial process pumps that are configured for a broad range of services around the world. These proven pumps serve in multiple applications, and are produced in a wide range of materials.

The Seneca Falls foundry provides the specialized process control needed to cast gray iron, ductile iron and bronze castings for pump products. A pattern shop and metal testing lab ensure complete process control and quality, and the dedicated foundry contributes to cost reductions, shorter lead times and exceptional customer service.

## Chemical Process (ANSI) Pumps

Range of Industries Served: Chemical, Pulp & Paper, Power, Oil & Gas, Food Products, Process Fluids, General Industry



**Foundry Focused Factory**

## Industrial Process Pumps

(Multi-Stage, Split Case, Large End Suction, Slurry and Sump)  
Applications: Coal Preparation, Mineral Processing, Ball Mill Discharge, Tailings, Potash, Fly Ash



Typical ANSI Pump System  
2' W x 5' L x 3' H  
1,000 lbs.

# Focused Factory – Engineered Product Operations (EPO) for Highly Engineered Products

The Seneca Falls site designs and manufactures highly engineered pumps for the world's most demanding applications. Our Engineered Product Operations (EPO) specializes in the customized solutions required for complex applications in markets including petrochemical, oil & gas, mining, and general industrial.

In 2014 a significant expansion was realized in Seneca Falls with the opening of a new testing and packaging facility dedicated to the large, high-energy pumps used in the oil & gas and mining industries. Designed with 8,000 horsepower (5884 kW) capability and flows up to 150,000 gallons per minute (34,070 cubic meters per hour) at up to 4,000 pounds per square inch, the facility flexibly accommodates testing and packaging of massive, complex pumping systems, and complements another newly built ITT Goulds Pumps factory in South Korea and long-established operations throughout the Americas, Europe, the Middle East and Africa, and the Asia Pacific region. Today, our infrastructure provides capabilities and capacity that meet customer demands anywhere in the world.



**3600 Pump System**  
12' W x 30' L x 10' H  
Up to 50,000 lbs.

# Combining Focus and Reach

ITT Goulds Pumps' Seneca Falls Operations, structured to align with the particular demands of the chemical process, industrial process and highly engineered pump markets, is a focal point within a global organization that provides a full range of pump solutions. Our international network and industry-leading expertise enable us to deliver pumping solutions to every industrial pump market in every geography, responsibly and efficiently.



Mine in Chile



Oil production in Australia



Nickel processing plant in Madagascar



Russian offshore platform

# A Trusted Partner

Our goal is to solve our customers' most demanding technical challenges through the products and services we supply, earning their trust through the reliability they find in our customer service, the quality of our products, the discipline of our Lean manufacturing, the innovation of our engineering and research & development, and the responsiveness of our process consulting and aftermarket services. Our Seneca Falls Operations serve as a cornerstone of our global approach, and evidence of our commitment to continuous improvement and a premier customer experience.



Offshore oil production in Thailand



Petrochemical application in China



Visit our website at  
www.gouldspumps.com

# Wherever you are, we're there too.

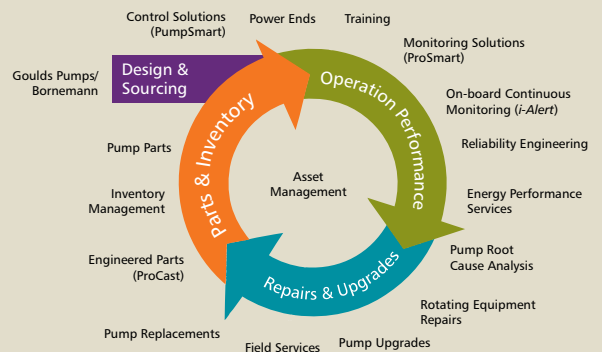


**PRO**  
services

Reliability has no quitting time.

Building on over 160 years of Goulds Pumps experience, PRO Services provides an array of services focused on reducing equipment total cost of ownership (TCO) and increasing plant output, including predictive monitoring, maintenance contracts, field service, engineered upgrades, inventory management, and overhauls for pumps and other rotating equipment.

Your Total Solution For Equipment Life Cycle Optimization



240 Fall Street  
Seneca Falls, NY 13148  
www.itt.com

© 2014 ITT Corporation, Inc.

Form BSFO 07/14