



# *Paper Processing Equipment Repair and Re-engineering*



PRO Services



ITT Industries

# Paper Processing Equipment Repair and Re-engineering

## Single Sourcing

ITT PRO Services™ is your one source for repair and re-engineering of ALL paper processing equipment, regardless of original manufacturing. We have been in the paper business with our Goulds and A-C brands for over 150 years.

## Economical Alternative

Need an economical alternative to high cost replacement parts? Our PRO Services™ Centers are experienced with reconditioning paper processing equipment and restoring it to original specifications. We will upgrade materials to extend service life. Economical PRO Services™ reduces the need for expensive replacement parts inventory and provides the latest upgrades in engineering technology.

## Experience Counts

Years of experience allow PRO Services™ Centers to easily handle any paper processing equipment including pumps, mixers, pulpers, feeders, knotters, fans and compressors.

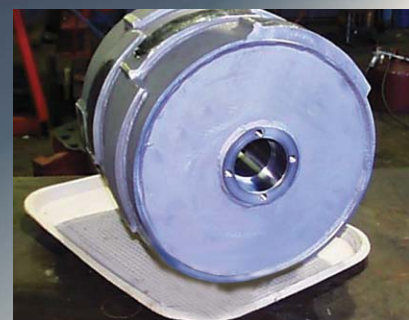
- ISO Certified Facilities backed by the technological expertise and financial strength of ITT Industries.
- Quality repairs and re-engineering insure maximum reliability and extended service life from your equipment.

## Pulpers and Extraction Plates

*We weld-up and hard face pulper vanes and hard face the wiper bands on extraction plates for extended service life. We balance pulpers and return the worn parts to new and better condition.*



Pulper Impeller for use in Recycle Area, "High Wear"



Screen Rotor for Pulpmill Use



- One-year warranty on all rebuilds/repairs.
- Upgrade old designs to latest technology and metallurgies to maximize reliability.
- Reduced storeroom parts inventories. Let PRO Services™ take care of your parts and re-builds.
- Reduce purchase order transaction cost with the elimination of orders for numerous vendors. One order for all our equipment repair and replacement parts.
- Eliminate costly, time-consuming record-keeping activities. PRO Services™ will maintain accurate job file histories for each piece of equipment.



Extraction Plate 400 Series SS Fab or Cast New

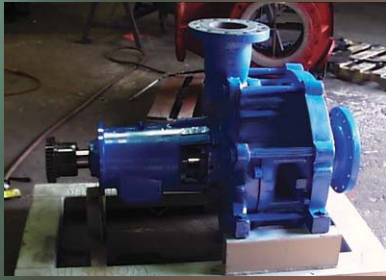


BEFORE



AFTER

At Right:  
Voith Sulzer Pulper Rotor



Ahlstrom LRS Pump. Use: 4-6 pumps for every digester. ProCast Makes all Parts.

## Pump Repairs

We specialize in pump repairs. Whether you need work on paper stock pumps or multistage, high pressure pumps, our technicians can bring your unit back to original specifications. If parts are required, we can supply OEM quality replacement parts through our ProCast subsidiary.

KSB Boiler Feed Water Pump.  
Use:  
Powerhouse



Johnston Vertical Pump



## Sandy Hill Steam Mixers

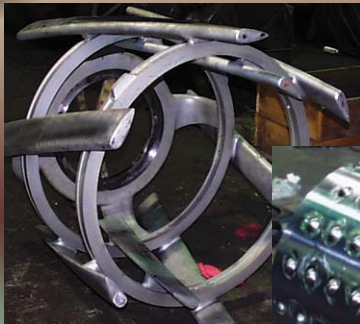
Shaft repair or replacement. Replace sleeves, bearings, repair or replace mixer bars, balance mixer rotors, housing repairs, assembly and paint.



Aluminum Fans for Steam Dryer BEFORE



AFTER



Bird Rotor 800 Rotor for Use in Screen Room of Pulp Mill 316SS

Bird Rotor Screen for Use in Pulp Mill



## Screen Rotors / Rectifier Screens

Rebuilds include replacing vanes, repairing bearing journals, replacing shafts, complete assembly and balancing of the unit.

Screen Rotor for Use in Pulp Mill "Repair or New"



Impco 600 & 1000 Hi-Shear Mixers



## High Shear Mixers

Repair or replace rotor, LH and RH mixing rings, shaft and sleeve replacement, and housing repairs. Mixers are completely reassembled and ready for re-installation.



Ahlstrom MC® Mixer for use in Pulp Mill



Impco 600 High Shear Mixer Use: Bleach Plant (SS, Hast C, or Titanium)



600 Mixer Ring



Impco 600 Mixer Rotor for Use in Pulpmill



Kamyr MC® Pump ex: MCV, MR, 30/20

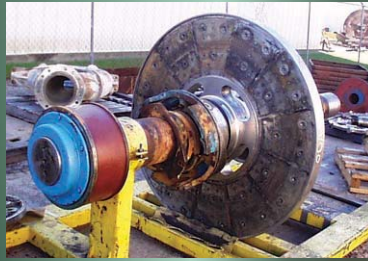


Impco MC® Mixer ex: 30/20, 40/25 for Use in Bleach Plants made in SS, Hast & Titanium.

## Refiners

Replace stainless cladding on older iron units, journal repair, sleeve replacement, machine faces true and balance the unit.

Sprout Waldren Refiner Rotor



BEFORE



AFTER



## Knotters

Repair shafts, replace sleeves, bearings, hard face overlay and balancing.

## High Pressure Feeders

We provide Titanium part upgrades or Titanium cladding to old 317SS feeders, extending the service life of the unit and lowering life cycle costs.



BEFORE



AFTER

# Worldwide Capability

Whether you are in the Southeastern USA or Southeast Asia, ITT PRO Services™ has a worldwide network of service centers to care for your equipment repair needs. If you are an international company yourself, you will find coordination of multilocation projects can be easily administered by PRO Services™. On the local level you can count on personal, courteous service from your PRO representative.

## PRO Services™ Centers

### North America

#### United States

Baton Rouge, LA  
Birmingham, AL  
Chicago, IL  
Corpus Christi, TX  
Greensboro, NC  
Houston, TX  
Huntington, WV  
Lakeland, FL  
Los Angeles, CA  
Pewaukee, WI  
Philadelphia, PA  
Salt Lake City, UT

#### Canada

Edmonton, AB  
Port Colborne, ON

### South America

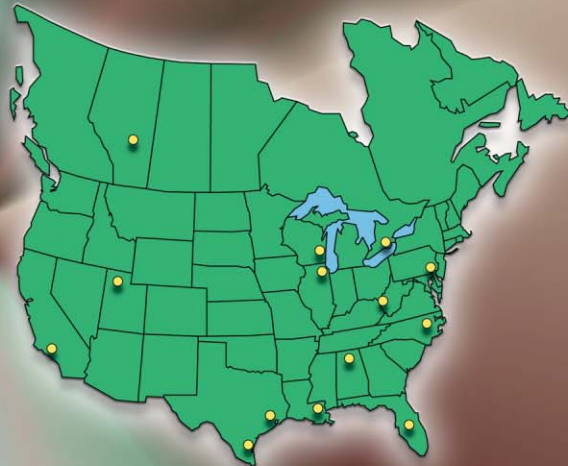
Antofagasta, Chile  
Pureto Ordaz & Puerto LaCruz,  
Venezuela  
Tizayuca, Mexico

### Asia Pacific

Rayong, Thailand

### Europe

Axminster, United Kingdom  
Kempen, Germany  
Vienna, Austria



## PRO Services

For more information, call your nearest PRO Services™ Center,  
or visit our website at [www.ittproservices.com](http://www.ittproservices.com).



## ITT Industries

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