ProCast.

Replacement Parts for Industrial Pumps and Rotating Equipment

ProCast

ITT Industries

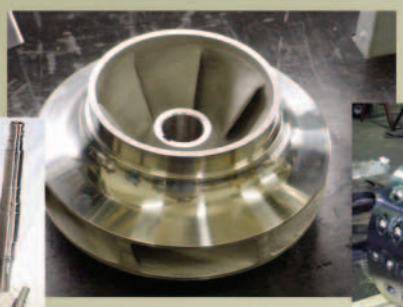
Established in 1977, ProCast has established and maintained a reputation for providing the very highest quality foundry and machining services. The combined resources of the ProCast Team assures the fastest possible response to the needs of industrial customers worldwide, including capabilities to manufacture new replacement parts that often exceed O.E.M. standards.

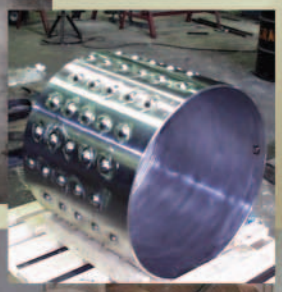
ProCast has the resources, technology, personnel and the proven experience to quickly repair and to manufacture quality replacement parts for virtually any industrial rotating pump in service anywhere in the world today. ProCast provides technical assistance, raw castings, finished machine parts or total equipment repair.

The ProCast Team controls all aspects of production to include reverse engineering, pattern making, casting, machining, quality control, and shipping.

Capabilities:

- Autocad Drawing system
- 12,000 Machine Drawings and 2100+ active patterns on file
- Rapid Prototyping/Manufacturing
- State-of-the-art coordinate measuring machine that produces a digital image of the part to be replicated at our main facility or at the customer's site
- Quality controlled to ISO requirements
- Customized software facilitates E.D.I., guaranteed stock and inventory management
- Standard leadtimes are 4 weeks for cast parts and 2 weeks for turned parts
- Expedited overnight delivery available for emergency breakdowns
- 100% dimensional inspection is performed on all parts produced
- Pick up and delivery to or from virtually any location





Foundry

Superior metallurgical technology combines with advanced techniques to produce quality sand castings for virtually any machined component.

- Castings of up to 2,500 lbs (1,133kg)
- Alloy Steel, Nickel Alloy, or Carbon Steel
- Electric Induction Furnaces
- Solid State Vacuum Spectrometer to ensure casting compositions
- Metallurgical Engineer on staff for material specifications
- Thousands of patterns crafted of wood and metal
- New or replacement patterns can be replicated from a sample part or engineered pattern drawings

Precision Machining

Our well-staffed machine shop is dedicated to producing exact tolerance machine parts using the latest state-of-the-art machine tool technology.

- CNC equipment achieves machining accuracy of <.001/in. (0.0254 mm)
- Capability to replicate from original parts using digital technology
- Computer controlled Mazak lathe and horizontal machining center
- Experienced staff skilled in state-of-the-art production procedures

Parts, Parts Parts...

- Adapter
- Axle
- Backhead
- Bearing
- Bell
- Bowl
- Box, Stuffing
- Bushing, S.B.
- Bushing, Throat
- Bushing, Throttle
- Cage Seal
- Casing
- Column
- Coupling
- Cover
- Cover, Disch.
- Cover, S.B.
- Cover, Suction
- Deflector
- Diaphragm
- Element, Rotating
- Flange
- Frame
- Gears
- Gland
- Head
- Head, Disch.
- Head, Suction
- Housing
- Impeller
- Journal
- Liner
- Lobe
- Nut
- Propeller
- Ring
- Ring, Case Wear
- Ring Imp.Wear
- Ring, Lantern
- Rotor
- Screw
- Shaft
- Shearpeller
- Sideplate
- Sideplate, Disch.
- Sideplate, S.B.
- Sideplate, Suction
- Washer
- Wheel

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