

The Highest Quality Delivered On-Time, Every Time!



Industrial Replacement Parts

Our components can be found in expellers, expanders, injection molding machines, galvanizing lines, pumps, elevators, hammer mills, heat treat ovens, housings, frames, ice crushing machines and many other types of process equipment.

Company

Over 34 years of manufacturing and certified as ISO 9001:2008 & AS9100-C. Fully integrated engineering, foundry, traditional machine shop and highly advanced CNC manufacturing facility operates **24/7/365**.



OEM Parts

We specialize in cobalt and nickel based alloys - valve trim parts (seats, balls, stems, stem balls, plugs, cages, thrust bearings, body liners, etc.), pump casing rings, rotating equipment and/or heavy wear parts.

**Small to Large,
Simple to Complicated.**
We manufacture parts,
In the **USA!**



Machine Shop Equipment

Lathes

- Daewoo Puma 500 CNC: 60 HP; Max 27.5" OD x 6" length or Reg 24.8" OD x 62" length, 1500 max rpm
- Daewoo Puma 18 CNC: 60 HP; Max 27.5" OD x 6" length or Reg 24.8" OD x 62" length, 1500 max rpm
- Hyundai V5R Vertical Lathe (CNC): 30 HP; Max 22" OD x 20" Max cutting length, 1500 max rpm
- Daewoo Puma 12S CNC: 35 HP; Max 15.0" OD x 5" length or Reg 14" OD x 30" length, 2000 max rpm
- Haas ST30 (CNC): 30 HP, 21 O.D. x 26 with probing, 3200 max rpm
- Daewoo Puma 10HC: 30 HP; Max 14.6" OD or Reg. 10.3" OD x 19.3" length, 3500 max rpm
- Monarch CM 30" x 144" with DRO, 450 max rpm
- Monarch 25N 32" x 52" with DRO, 405 max rpm
- Lodge-Shipley 18" x 80" with DRO, 1160 max rpm
- LeBlod Regal Dual Drive 15' x 32" with DRO, 1800 ma rpm

Mills

- Haas 2011 EC-1600 64 x 50 x 32 Horizontal Mill (CNC) with probing, tomb stone and rotary table, 6000 max rpm (5th axis capable)
- Haas 2014 VF-3YT Vertical Mill (CNC): 40 x 26 x 25 with probing and fourth axis, 10,000 max rpm
- Haas 2011 VF-3 Vertical Mill (CNC), 40 x 20 x 25 with probing and fourth axis, 10,000 max rpm
- Kearney & Trucker CK315 Horizontal Mill with Arbor, 1500 max rpm
- Sharp model TMV with DRO 3 HP manual, 3000 max rpm
- Alliant 2 HP Manual w/right angle attachments, 3000 max rpm

EDM

- Charmilles Technologies 310 (wire)
- Agies Charmilles Form 30 (sinker/electrode)

Grinders

- Kent Surface Grinder 12" x 24". 5 HP, 3-Axis Automatic
- Blanchard Grinder 318 - 36"
- Dumore Tool Post Grinder ½ HP Model 8475

Broach

- 25 Ton x 64" Stroke, Oilgear Horizontal Broaching Machine

Miscellaneous

- Complete tooling for lathes
- Micrometers, caliper indicators for work up to 30" diameter
- 2 Ton Top-Running Single Girder Electric Crane
- Hydraulic Press 175 Ton
- Arbor Press 3 Ton
- 20" cut-off saw
- 7" carbide stand grinder 8.2 bench grinders 9. Wellsaw Ø 13" capacity band saw 10. Ø 32" Centrifugal Casting Saw 11. Bead Blast Cabinet 12. Mr. DeBurr vibratory machine

Quality Assurance and Testing

- Mitutoyo SJ 201 Surface Tester
- GNR Atlantis Spectrometer
- Satec 30WBN 30,000 lb. Tensometer
- Gage Maker Thread Gages
- FARO Quantum 4' Arm (CMM)
- 50,000 PSI Pressure Tester, Vessel 7" I.D. x 42" long
- Phase II 900-332 Rockwell Hardness Tester
- Calibrated Measuring Instruments

Foundry Equipment

Molding

- Palmer M200 Sand Mixer
- Macawber S2/4 Sandpump System
- 2 Ton Top-Running Single Girder Electric Crane
- Dependable Shell Core Machine
- Centrifugal molds up to 32" O.D.
- Sand patterns up to 500 lb. part pour

Welding

- Hobart 500 amp, TIG, MIG, Pulse MIG, Inverter Technology Welder
- Radyne 25Kw Induction Brazing System
- Lincoln Welder Ideal arc 400
- Miller MIG Unit #30E
- Gas Welding Set
- L-TEC PCM 150 plasma-arc
- Hobart 500 amp, TIG, MIG, Pulse MIG, Inverter Technology Welder
- Bug-O-Matic Automated Welding Machine
- WeldTech WT3500 Plasma Transfer Arc (PTA) Welding System
- Fanuc R-2000iA/200 Positioning Robot
- Fanuc R-2000iA/165 Welding Robot

Heat Treat

- KMI/RECCO (2 – 24" W x 36" H x 24" OP), (2 – 48" W x 48" H x 48" OP) All Atmospheric, and Automatic Controls - 2001

Pour Room

- Inductotherm VIP 200 KW
- Inductotherm VIP 350 KW
- Inducto Furnace 200 lb. (Qty. 2)
- Inducto Furnace 750 lb. (Qty. 2)
- Inducto Furnace 1000 lb. (Qty. 1)
- Temp Recorder Speedo Max
- 5 Ton Electric Hoist
- 2 Ton Top-Running Single Girder Electric Crane
- 2 Ton Electric Hoist
- Ladle Heater
- 9 Ladles
- Baltimore Air Coil Cooling Tower
- Water-Cooled Horizontal Centrifugal Casting Machine 32" Max. Casting Diameter, 48" Max. Casting Length

Grind Room

- Miller Welder 600 amp
- 32" Abrasive cut-off saw
- 20" Tabor Abrasive saw
- Palmer Sand Reclaimer
- 4 Ton Air Dryer 4. Miscellaneous Air & Electric Grinders
- 2 Ton Top-Running Single Girder Electric Crane; *Quincy QSB30 Air Compressor; *Quincy QR-25 Model 350 Air Compressor; *Quincy QSI245 Air Compressor; *Sand Blast House and Equipment

Miscellaneous

- Hyster Forklift 5,000 lb. (LP)
- 1 Ton Air Hoist

Computer Software

- Global Shop Solutions ERP Management Software
- Esprit Computer-Aided Manufacturing system
- Veri-Cut NC Verification Simulator
- Multi DNC
- Red Hat Linux
- AutoDesk Inventor
- GibbsCam CAM Software
- Microsoft Office