DURALOY®

TECHNOLOGIES

United States Cast Iron Pipe & Foundry

BIRD'S EYE VIEW OF SCOTTDALE.

Company History

Foundry at New Cumberland, W. Va. 1921 - 1937

- **1921 – The Heyward family started Duraloy in West Virginia.**
- **1937 - Moved foundry to former U.S. Cast Iron Pipe and Foundry in Scottdale.**
- **1970 - Became Duraloy Blaw-Knox, Division of White Consolidated Industries.**
- **1980 – Merged National Alloy and General Alloy into Duraloy.**

Current

- **1994 - Park Corp. purchased Duraloy.**
- **1997 - Purchased Manoir Electroalloys, USA operations of Fonderies et Aciers Manoir (previously Abex Corp.) This operation was merged into Duraloy in 1999.**
- **2005 - Purchased the manufacturing assets of Ultracast L.L.C., formerly Kokomo Tube Peru, Indiana.**

Capabilities

- **Design Engineering**
- **Alloy Development**
- **Metallurgical Laboratory**
- **High Temperature Mechanical Testing.**
- **Centrifugal Casting Foundry**
- **2 Static Foundries**
- **Machine Shop**
- **Fabrication Facilities**
- **Inspection and Radiography**

Over 80 Alloys Cast at Duraloy

- Proprietary High Alloy Grades
- Heat Resistant Grades.
- Corrosion Resistant Grades.
- Cobalt Based Alloys
- CD4MCu Duplex Stainless Steels
- Precipitation Hardening Steels
- 333, 601, 617, 625, 718, 803, 825.
- Nickel Aluminides

Centrifugal Casting Foundry

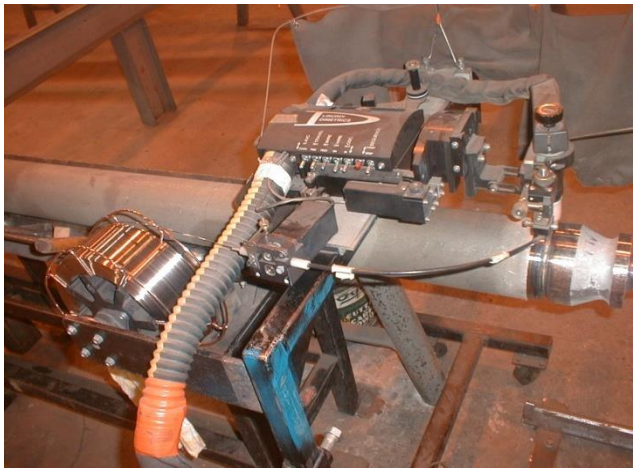
- **9 Centrifugal Casting Machines**
- **Diameters of 2.5” - 48.75” (64mm -1240mm)**
- **7 Induction Furnaces**
- **Capability to Cast 10,000 lb. (4,500 kg)**


DESHAZO

2 Static Foundries

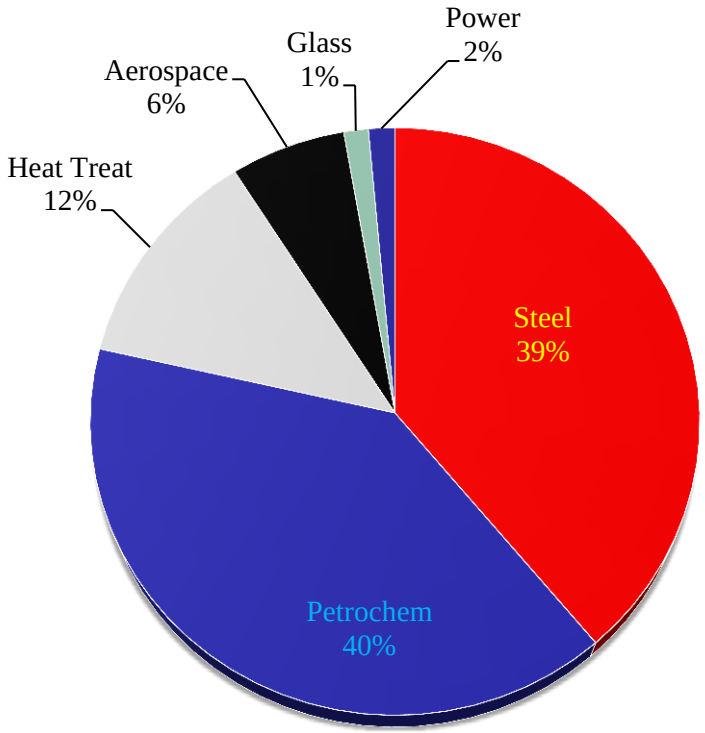
Machining Capability to Manufacture rolls up to 1500 mm.

Welding Processes

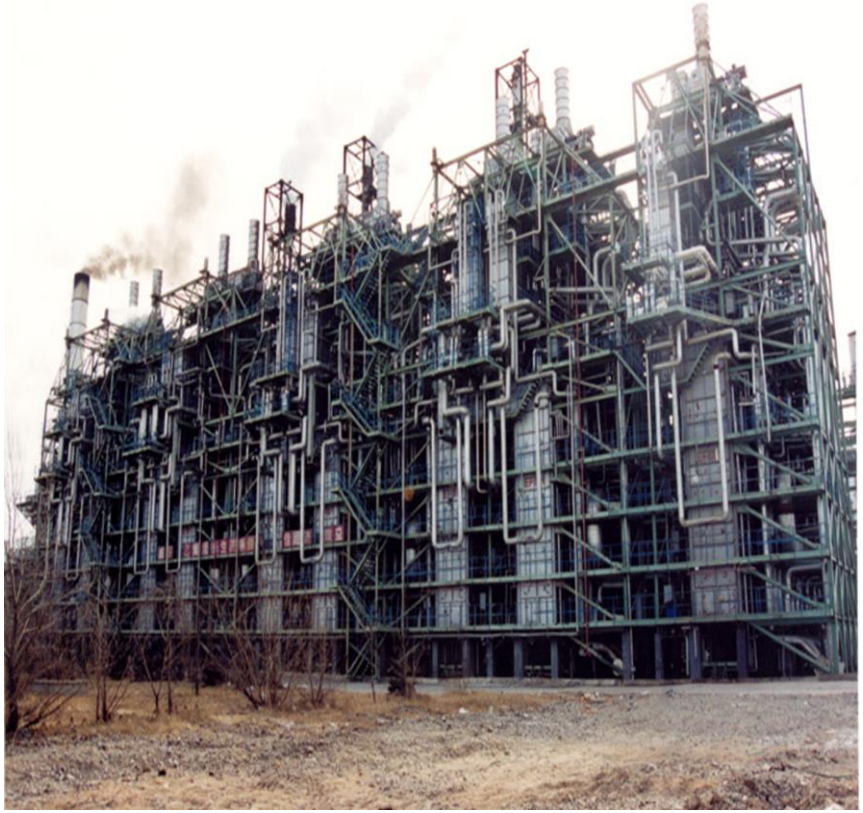


Five Major Markets

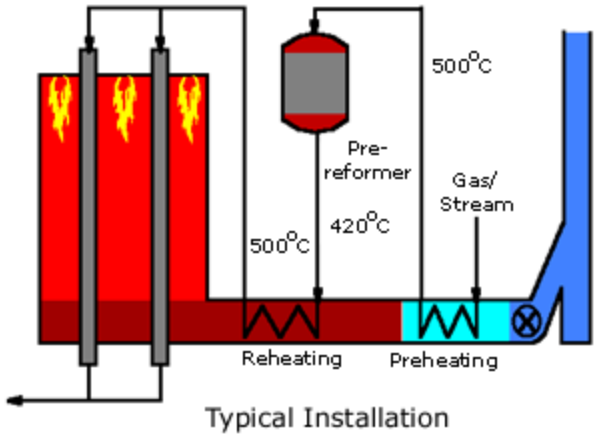
- **Petrochemical Furnace Tubing**
- **Steel Mill Transfer Rolls and Radiant Tubes**
- **Heat Treat Fixtures, Retorts, Radiant Tubes and Powder Metallurgy Reduction Tubes**
- **Aerospace Press Tooling for SuperPlastic and Hot Forming**
- **Specialty Castings for Iron Ore, Glass, Cement and Power Industries**



Ethylene Cracking Furnace Coil



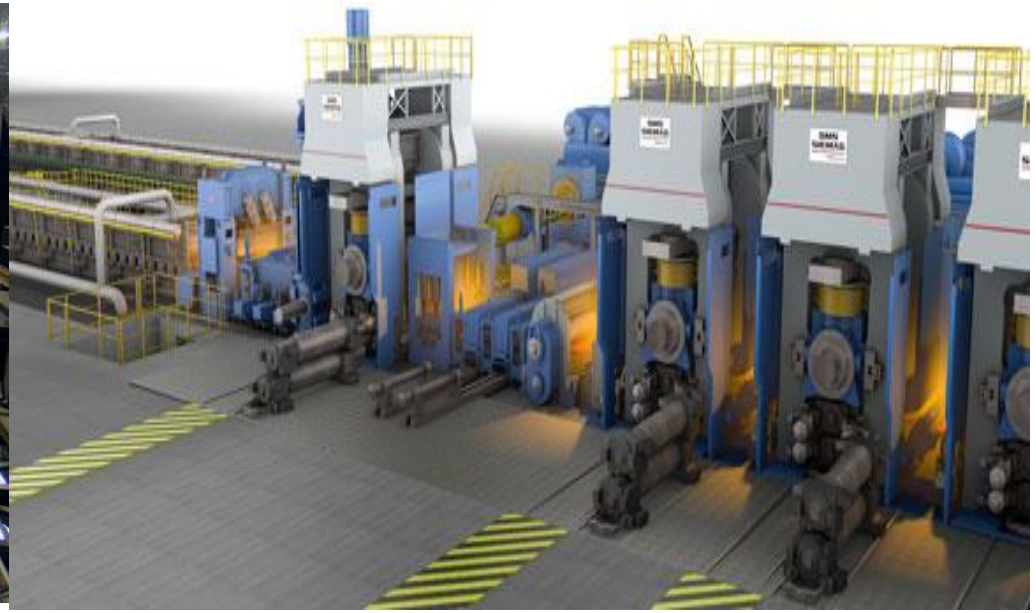
Reformer Tube for Hydrogen Furnace



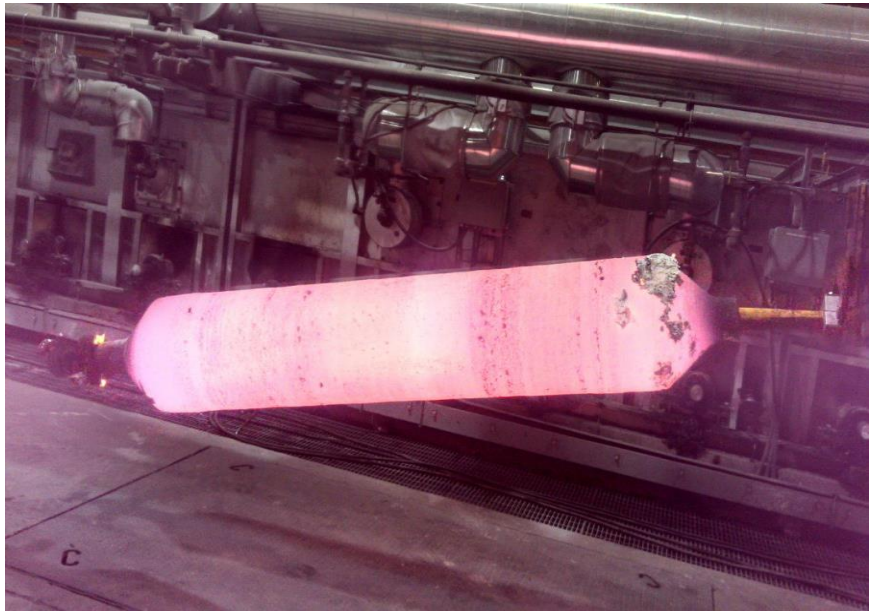
Typical Installation

Steel Mill Furnace Transfer Rolls

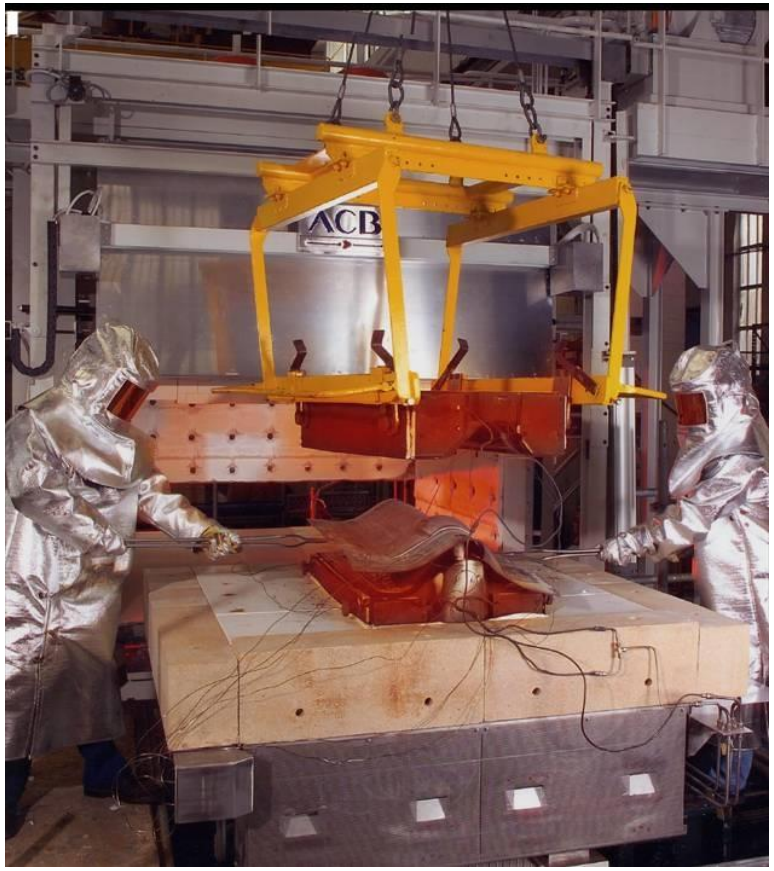
Mini Mill Compact Strip Rolls



THE DRY ROLL GUYS®



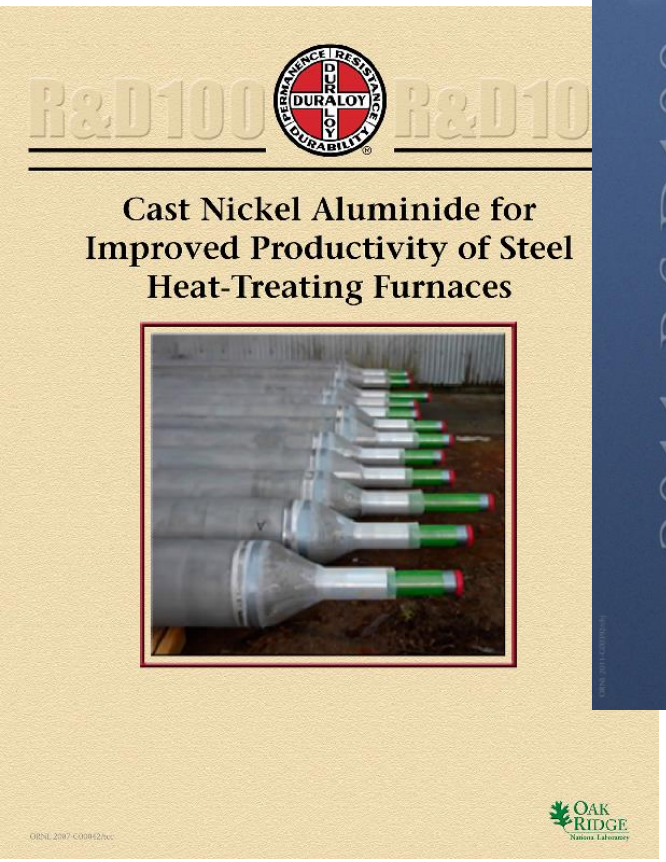
Aerospace SuperPlastic and Hot Press Platens and Tooling used for the forming of Titanium

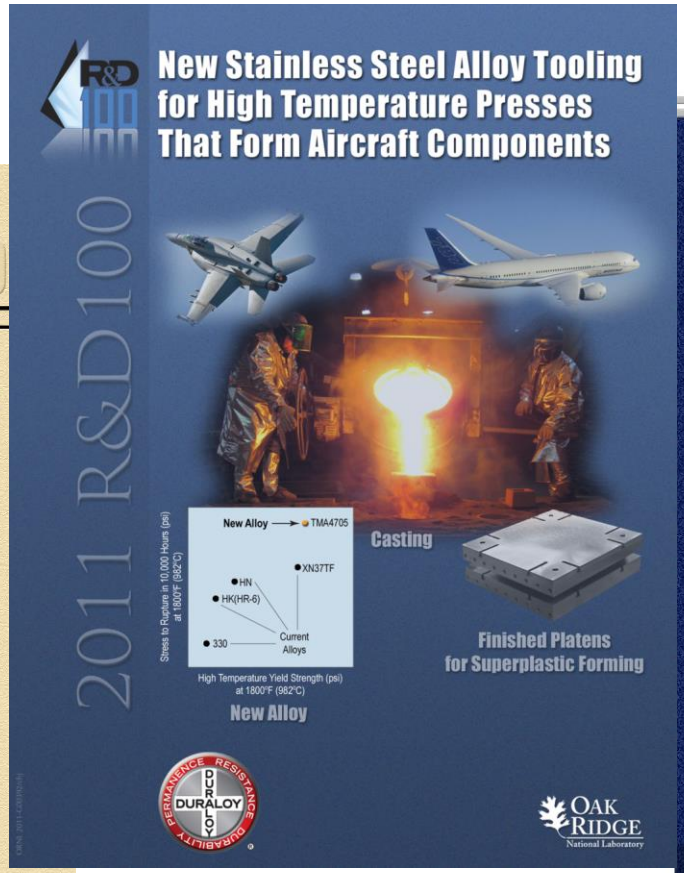


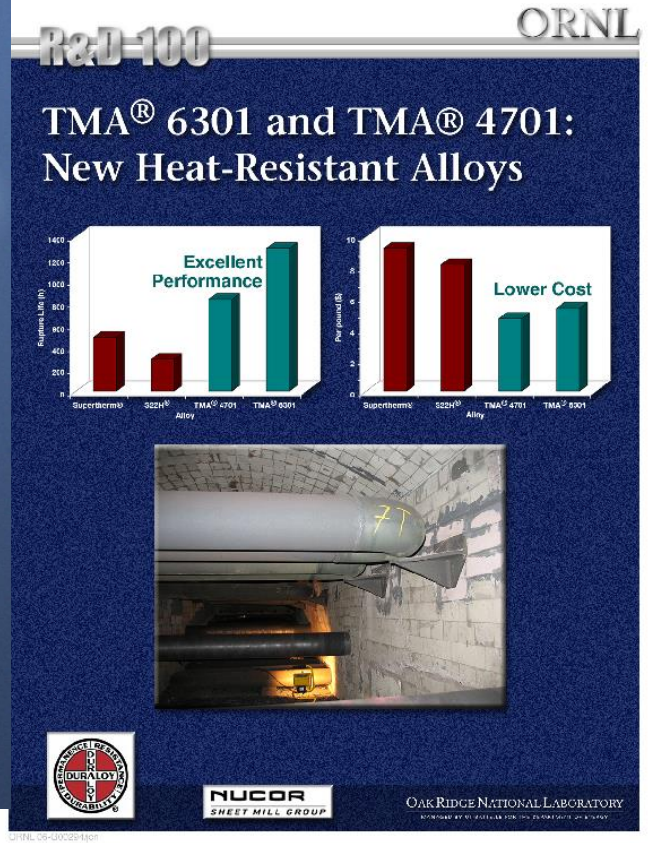
Cast Spiral Retorts for Heat Treatment of Small Parts

Calciner Tubes for Powder Processing

Metallurgical Development Research with the United States Department of Energy and Oak Ridge National Laboratory







Thank You

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