Company History

- 1921 – The Heyward family started Duraloy in West Virginia.

- 1937 - Moved foundry to former U.S. Cast Iron Pipe and Foundry in Scottdale.


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
- 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)
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
Steel Mill Furnace Transfer Rolls
Mini Mill Compact Strip Rolls
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

Cast Nickel Aluminide for Improved Productivity of Steel Heat-Treating Furnaces

New Stainless Steel Alloy Tooling for High Temperature Presses That Form Aircraft Components

TMA® 6301 and TMA® 4701: New Heat-Resistant Alloys
Thank You