

Almex is a leading aluminum casthouse equipment and technology supplier based in Southern California. Our services provide engineering, process, equipment, quality control and total casthouse solution capabilities in all DC Casting markets, including:

- Primary smelter casthouses
- Billet (extrusion ingot) casting
- Slab (rolling ingot) casting
- Conventional alloy products (1xxx, 3xxx, 5xxx, 6xxx and 8xxx)
- Cast product for consumer, household and residential applications
- Cast product for automotive, transportation and sporting good applications
- Cast product for space and aerospace applications
- Secondary casthouses
- Billet (forging ingot) casting
- Slab (forging and tooling plate) casting
- Hard alloy products (2xxx, 5xxx, 6xxx and 7xxx series)

Almex services and equipment cover the entire casthouse operations, both from a shop floor perspective and from a business perspective and include:

- Project feasibility studies
- Casthouse and facility engineering
- Complete turnkey casthouse supply
- Degassing systems
- Ceramic Foam Filtration systems
- Metal transfer runner systems
- Metal level control systems
- Billet tooling systems (from 75 mm to 1080 mm diameter)
- Casthouse automation packages
- Equipment retrofit solutions
- Quality control equipment
- Installation services
- Alloy development services
- R&D partnerships
- Marketing assistance for product sales in niche markets
- Business models
- Product, quality and process studies
- Melting furnace technology
- Grain refiner wire rod feeders
- Deep bed Filtration systems
- Hydraulic cylinder actuated casting machines
- Complete cooling water systems
- Slab tooling systems (up to 2435 x 1065 mm)
- Casthouse SCADA packages
- Casthouse upgrade packages
- Training services
- Installation supervision services
- Metallurgical and process consultancy
- Joint Venture projects