

CASE STUDY

16" x 65" Furnace Tilt Cylinder

Our Industrial Repair Services team strives to exceed customer expectations by using our corporate Core Values as our guiding principles:

- 1 QUALITY** in our team members services and facilities.
- 2 INNOVATION** in our approach to customer repairs and upgrades.
- 3 COMMITMENT** by our team to excellent service and customer satisfaction.
- 4 CUSTOMER FOCUS** in everything we do.

Component & Issue

- 16" Bore, 65" stroke hydraulic cylinder
- Cylinder seized/failed resulting in a full production stoppage for the owner

Inspection Findings & Proposal

- Several worn and/or damaged internal components were identified
- Provided a detailed damage report and proposal to quickly manufacture new components, meeting or exceeding the OEM specifications on a short timeline

Deliverables

- ✓ **Total Cost of Ownership**
Rebuilt quickly to OEM specifications, minimizing downtime and lost revenue for the facility, and at 30% of the cost of a new cylinder
- ✓ **Reliability**
Redesigned the Rod Gland to use dual seal sets with an Indicator Tube to detect primary seal failure
- ✓ **Safety**
Eliminated oil fires caused by unexpected cylinder seal failure

Whatever your industry, Brandt delivers unmatched end-to-end solutions, refurbishing components and equipment to OEM specifications or better. And, with 24/7/365 technical support, we'll always be there to help ensure your success, day or night.

It's what we do. We build confidence.

