

## Updates To Mixers Old Design Increases Efficiency and Reliability

### Customers Existing 30 Year Old Gear Mixer



stand that was at least 30 years old. The new style mixer that the customer wanted to purchase did not fit on the customer's existing custom stand. This issue had to be addressed and fast to prevent the customer from experiencing significant downtime.

**Solution:** The customer contacted Kennedy Industries to learn more about our repair, machine and fabricating shop capabilities. Kennedy Industries employs certified welders, machinists, mechanics and design engineers. This highly skilled staff allows Kennedy to offer a diversity of repairs and fabrication modifications out of our facility without the need for outsourcing. The Kennedy Industries' team was able to engineer and fabricate the required parts and install them onto the customer's existing custom stand. This innovative

modification allowed Kennedy Industries' Industrial department to offer an upgraded Flygt Mixer, which offered the customer the benefits of direct drive technology and superior stainless steel materials of construction. These updated technologies ensure the ability to mix large volumes with extremely low power consumption. The project was handled turnkey by Kennedy Industries providing single source responsibility.

**Problem:** A leading North American chemical manufacturing company had a mixer that was manufactured in the early 1980's. The mixer's outdated gear box design had an extensive number of parts missing. These parts were obsolete making it difficult and expensive to repair. The mixer's outdated design and materials of construction was costing the customer downtime and money in energy costs. The customer was hesitant to replace their current mixer, at first, because the mixer was on a customized

### New Flygt Mixer Customized To Fit The Customer's Existing Stand



### Product Features:

- Compact Stainless Steel Construction
- Direct Drive (no gear box with multiple parts)
  - Custom Fabrication Capabilities
  - High Efficiency Motor
  - Single Source Responsibility