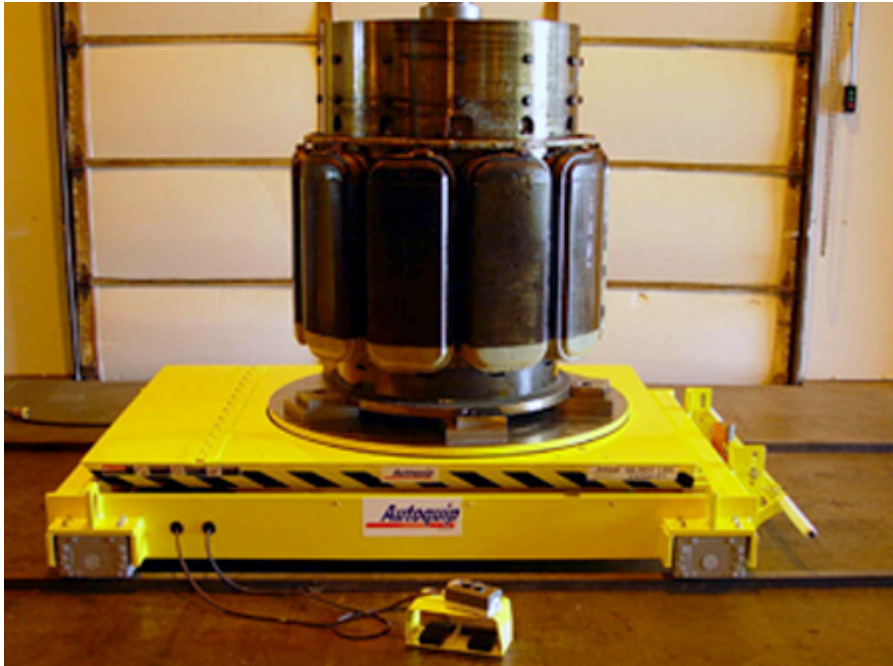


## GE Transportation Alternator Lean Line Lift System



### The Challenge

General Electric Transportation contacted our dealer, David Snell from Materials Handling Enterprises for a solution to speed up their manufacturing process for their alternators. They wanted to create a lean line system to move the process along more efficiently and work smarter.

### The Autoquip Solution

In working with our dealer to understand the customer's application requirements, we developed a lean line lift system to include:

Station #1: (1) Flip Flop 90° Upender with a powered ring bearing turntable and special tooling to hold yokes for assembly, 9K capacities with a special airlift that will lift coils to be assembled on the yokes.

Station #2, 3, 4, and 5: (4) transport bases with powered ring bearing turntables. 16k capacities each with 6" travel up. (1) Chain driven towline conveyor by Webb Stiles to move all (4)-transport bases down the line for assembly to make yokes into rotors.



Station #6: (1) Flip Flop 90 ° Upender 26k capacity with special tooling. This station completes the alternator. The big casting is put over the rotor and then upended to be taken away with a crane.

## The Solution Benefits

We were able to partner with our dealer to understand the customer's every requirement to build a custom lift solution to meet their production demands. The lean lift system has helped improve the customer's operations and speed up production of their alternators.