



Success Story

Manufacturing facilities in today's competitive market strive to reduce the ergonomic impact of their operators. In this case study we will discuss the importance of recognizing every company's desire to improve ergonomics and reduce injuries.



INGERSOLL RAND IMPROVES ERGONOMICS

CUSTOMER

A global manufacturer, producing products for the heavy truck and bus industry.

CHALLENGE

Operators were manually lifting 40-150lb truck hubs and rotors to palletize for their shipment to their end users. The operators were refusing to use their current lifting method as it was slow and delayed their production during the days shift resulting in reduced throughput per operator per shift.

SOLUTION

We proposed they moved to a single large floor supported structure with multiple bridges, air balancers and welded end effectors. This allowed multiple operators to use a single structure with each having their own "bay" containing a bridge, balancer, end effector combo. This gave everyone the room they needed to load pallets as well as the lifting method that allowed the ergonomic impact to be reduced while still allowing the productivity of the manual lifting application. The air balancers speed and the pendant controls allowed the operators to move at the speed they deemed fit for each application and individual operator preference.

RESULTS

Currently we have installed 5 large lifts in this facility with more now being planned at their sister facilities, leading to many overall ergonomic improvements.



MEET RUSTY CLINTON

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**ASSEMBLE.
MOVE.
COAT.**

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ABOUT US

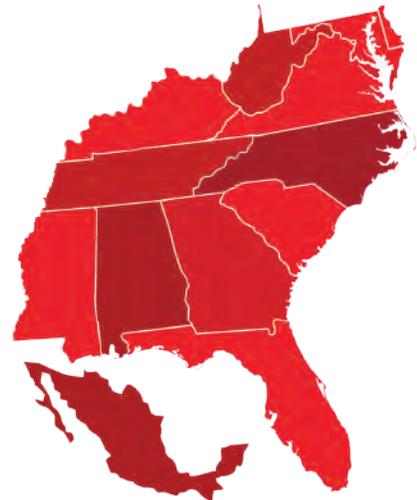
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Air Power boasts an impressive team of over 30 Account managers, over 40 application specialists, and 9 branch locations in 3 regions across the Southeast including Mexico, all under 1 company with 1 mission: to build lasting relationships by supporting the manufacturing community with quality products and highly engineered solutions to effectively assemble, move, and coat the products that shape our world.



LOCATIONS

High Point, NC
Raleigh, NC
Lenoir, NC
Charlotte, NC
Salem, VA
Greenville, SC
Chattanooga, TN
Atlanta, GA
Tupelo, MS
Monterrey, MX
Orlando, FL



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