



# EXOTIC

AUTOMATION & SUPPLY

## Custom Product Modification Brings 20% Productivity Increase

### Problem

The customer was faced with an assembly request that required positioning of a product to a specific position prior to other parts being assembled.

This assembly method was previously completed manually. As a result, the customer was faced with ergonomic issues due to manually having to actuate a pivot mechanism that holds some parts in place. In addition, they have been challenged with limited space on the fixture for other products.



### Solution

A model 331 pull action clamp was customized so that it actuates a pivot mechanism that correctly and consistently positions the product during assembly and holds the parts in place as others are installed.

By utilizing this custom product, the customer was able to successfully address the problem at hand, resulting in increased productivity and eliminated ergonomic issues.

| Success Factors  | Customer Value   |
|--|--|
| The customer was able to modify a DESTACO pull action clamp to create their own custom solution to correct the specific performance and safety issues. | Changing to the customized DESTACO 331 clamp has resulted in a 20% increase in productivity and eliminated ergonomic issues. |

### Featured Products

**DESTACO 331 Pull-Action Latch Clamps** feature a handle that can be moved to place the clamping pull bar (hook) around the opposing latch and pressed down to reach the locked position. Ideal for sealing chamber doors, mold closures, and access doors, the latch clamps provide a powerful closing force, positive holding and convenient operation. These clamps are manufactured with holding capacities up to 7,500lbf. [33,4kN].