

Emerson customizes pneumatic cylinder for wing-building machine's unique requirements

RESULTS

- Provided customized cylinder assembly
- Simplified product repair and maintenance
- Met budget and delivery requirements



APPLICATION

Aircraft Tooling

CHALLENGE

An aerospace manufacturer required a new composite strand tensioning machine to build the wings on a new commercial aircraft. The machine was controlled by a pneumatic system that held and maintained the tension on strands of composite material. The machine builder was unhappy with its previous pneumatics cylinder provider due to poor quality and late deliveries. It searched for a new supplier that could offer strong technical support, on-time deliveries, as well as highly reliable products.

SOLUTION

The Emerson technical team customized an AVENTICS™ Series PRA ISO cylinder assembly to meet the unique requirements of the composite strand tensioning system. The machine builder valued the product's simplicity, modularity, positioning rod lock, and integrated positioning sensor. The customer also liked the extruded cylinder's ease of repair and maintenance. Emerson's price and lead time were well within the machine builder's budget and 11-week delivery schedule.

Emerson provided customized cylinder assembly for the aerospace manufacturer. The AVENTICS™ Series PRA ISO cylinder met the requirements and provided the modularity, positioning rod lock, and integrated positioning sensor the customer was looking for.

Emerson Automation Solutions
1953 Mercer Road
Lexington, KY 40511
+ 1 859-254-8031
us.AVENTICS@Emerson.com

The Emerson logo is a trademark and service mark of Emerson Electric Co.
The AVENTICS trademark is registered in the U.S and other countries
© 2019 Emerson Electric Co.

AVENTICS™

For more information:
www.Emerson.com/AVENTICS

WLN927


EMERSON™