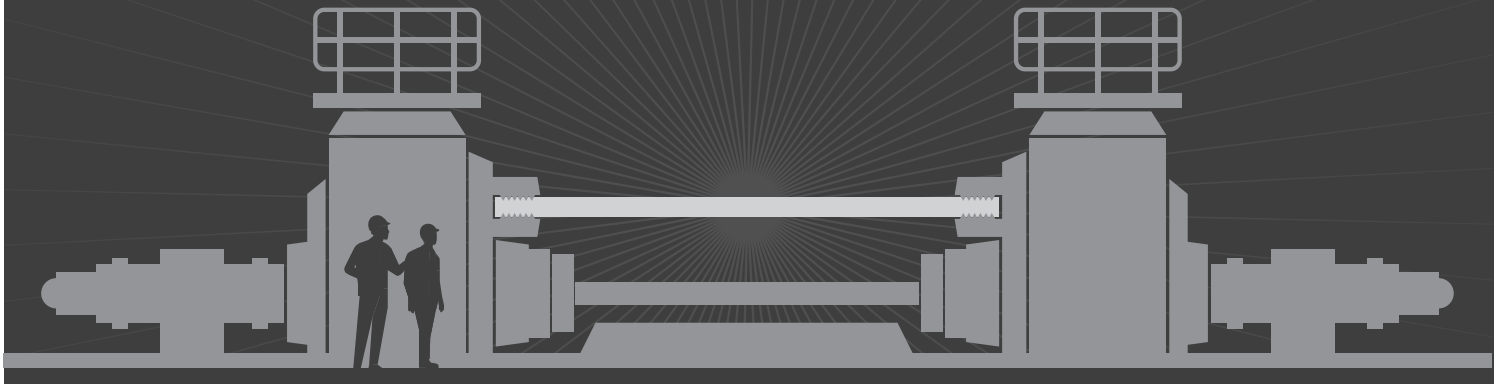




**ARCONIC**  
Innovation, engineered.

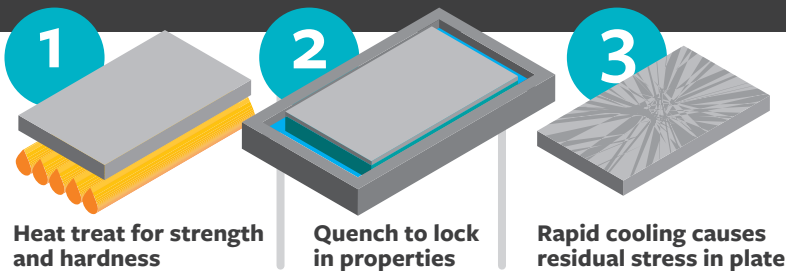
## Arconic's Advanced Thick Plate Stretcher enables new design options for customers in aerospace and increased productivity for industrial applications.



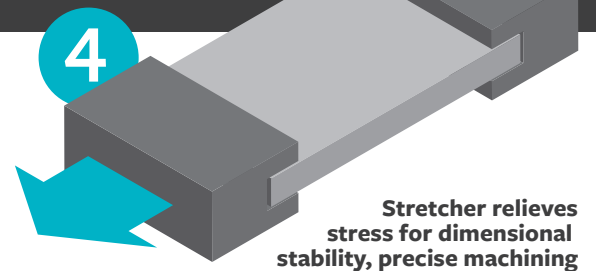
### How does the Stretcher work?

Stretching is the final stage in manufacturing thick aluminum and aluminum-lithium plate, and it is essential because it reduces stress that is introduced into the process. It enables customers to machine the plate with greater precision and dimensional stability.

#### Making Thick Plate

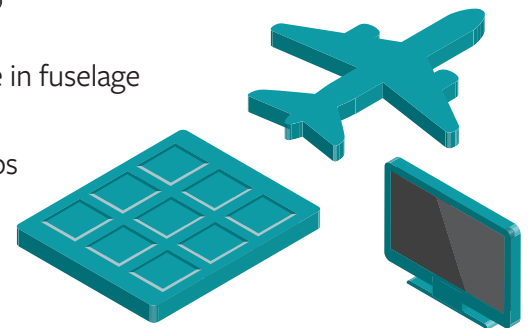


#### Plate Stretching



### What does this mean for customers?

- Improves performance of thick aluminum and aluminum-lithium plate in fuselage frames and bulkheads as well as manufacturing molds and chambers
- Enables aerospace industry's largest high-strength monolithic wing ribs
- Provides increased productivity for industrial applications including plastics and semiconductor manufacturers
- Offers design freedom for aerospace manufacturers



**LONGEST**  
Plate Stretched at  
**>26 YARDS**

**WIDEST**  
Plate Stretched at  
**>14 FEET**

**THICKEST**  
Plate Stretched at  
**>12 INCHES**

**HEAVIEST**  
Plate Stretched at  
**>40,000 LBS.**

**GREATEST STRETCHER PULL FORCE EVER USED at 35 MILLION LBS.**

**That's a pull force equal to 550 modern locomotives.**