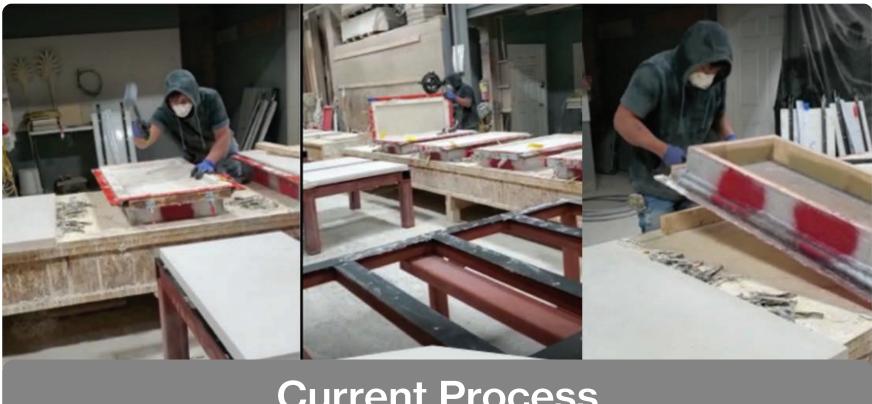


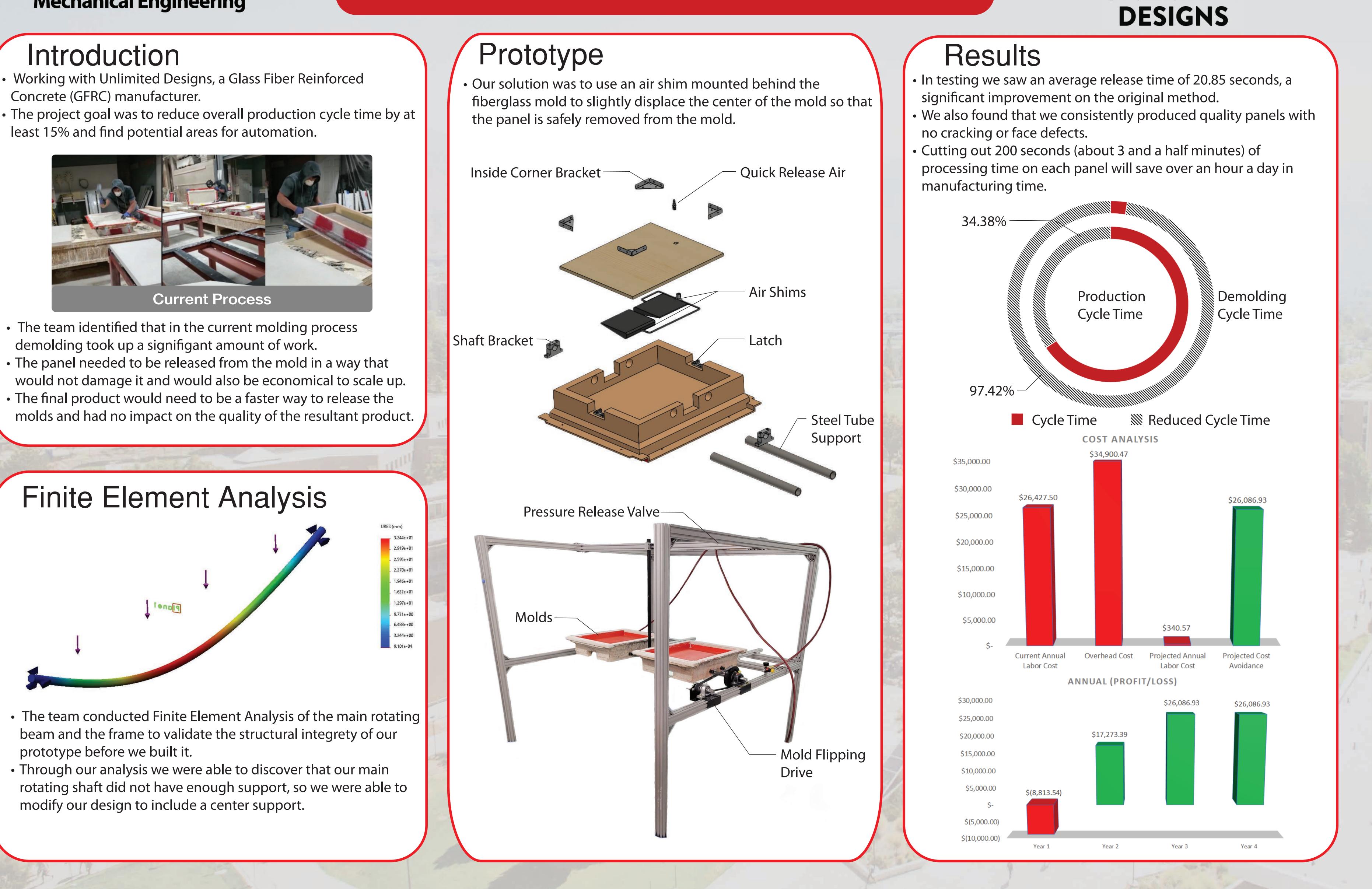
### THE UNIVERSITY OF UTAH

## **Department of Mechanical Engineering**

- Working with Unlimited Designs, a Glass Fiber Reinforced Concrete (GFRC) manufacturer.
- least 15% and find potential areas for automation.



- The team identified that in the current molding process demolding took up a signifigant amount of work.
- The panel needed to be released from the mold in a way that
- The final product would need to be a faster way to release the



- prototype before we built it.
- Through our analysis we were able to discover that our main modify our design to include a center support.

# **Reduce Cycle Production Time in Glass** Fiber Reinforced Concrete Molding

Team: Rashid Bakare, Corbin Dawkins, Joshua Fisher, Duncan Foster, Erick Solum Advisor: Ashwin Renganathan, Ph.D.

# UNLIMITED