BLUCO
Make it Better.®

INDUSTRY
AGRICULTURAL

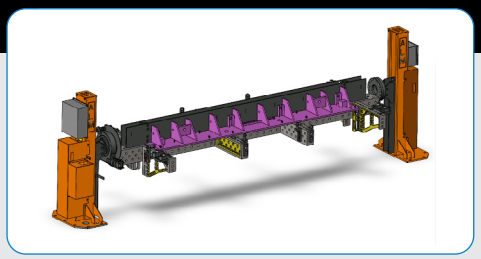
CHALLENGE
FINAL PART QUALITY

PROGRESS BEATS TRADITION

Challenge

Tradition can be comforting, but when it comes to manufacturing, doing it like it's always been done is limiting. Following the old playbook left this customer struggling with the persistent issue of warped truck scale sub-assemblies produced on a century old fixture. They wanted a faster, more efficient, and more precise method of tacking endplates. They also hoped to future-proof their setup so that robotic welding could be introduced later. And most importantly, they wanted a solution their welders were comfortable with.

Bridging the Engineering Gap



Bluco's team focused on the most obvious gap in the customer's otherwise highly engineered process: their 100 year old workholding methods. The outdated fixture was replaced with something far more 21st-century: a modular spine between an ALM lift & rotate positioner.

Color-coded spacers on adjustable posts provided the flexibility needed to prevent warping issues while working on plates of any size. This solution also streamlined the current tacking process and could seamlessly integrate into a future robotic welding cell.

Projected X-Factor Improvement

UP TO 2X FASTER

The welder was initially skeptical of the new setup. However, once he experienced the comfort and ease that came with the ability to lift and rotate the fixture, he became a convert. The end result? Welded parts that come together twice as fast. Because the new solution keeps them straight and flat, there's a seamless transition to the next production cell — no time wasted on chain clamps or torch work to make the parts fit. The welder loves his new "toy," and the company is well-positioned for future automation and efficiency. ■

WHAT'S YOUR X-FACTOR? *Contact us today to find out how a Bluco modular workholding solution can help you unlock exponential improvement.*

For more information, call **800.535.0135**, email **sales@bluco.com** or visit **bluco.com**