

ONE SOLUTION. 43 PARTS. UP TO 30% FASTER.

Challenge

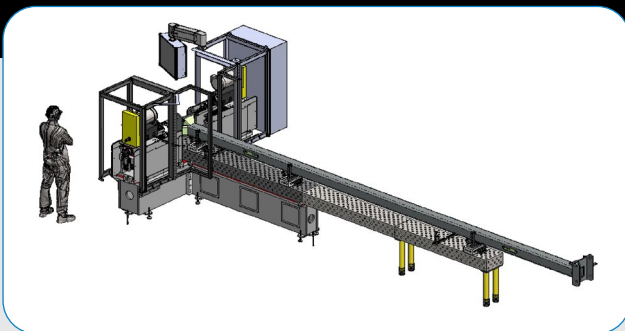


came equipped with a Bluco modular U-form as the base. The real challenge was figuring out how to fixture and weld 43 different pivot arms on this single machine.

Purchasing new manufacturing machinery alone isn't always the sole solution to production challenges. This was the case for one manufacturer who bought a new boring machine to speed up production of the pivot arms used for attaching tillers to tractors.

Fortunately, they were proactive. They worked with Bluco and the boring machine manufacturer to ensure that it

Bridging the Engineering Gap



identify the base collection of modular components needed. Once that was done, the customer was able to begin modular production and train their staff, while we set to work on the rest of the fixture designs.

Despite having an in-house engineering team, our customer knew that fixture designs could be handled more efficiently by Bluco's modular experts. So they engaged with us to provide Engineering Design Services.

Our team's first task was to determine the most efficient way to approach the design of 43 separate fixtures.

We started with the four most unique parts in order to

X-Factor Improvement

UP TO 1.3X FASTER



Bluco's engineers were able to complete the additional 37 fixture designs by adding only a handful of additional components. This minimized the customer's additional expenses, and maximized their ROI — not to mention the time it put back on the clock of their own engineers.

But more importantly, by understanding the impact of workholding on their overall production process, and by focusing on properly engineering that step, our customer is now able to produce parts up to **30% faster**. As their team continues to become more familiar with the modular solution, they hope to achieve the same or better results with all of parts on this machine. ■

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