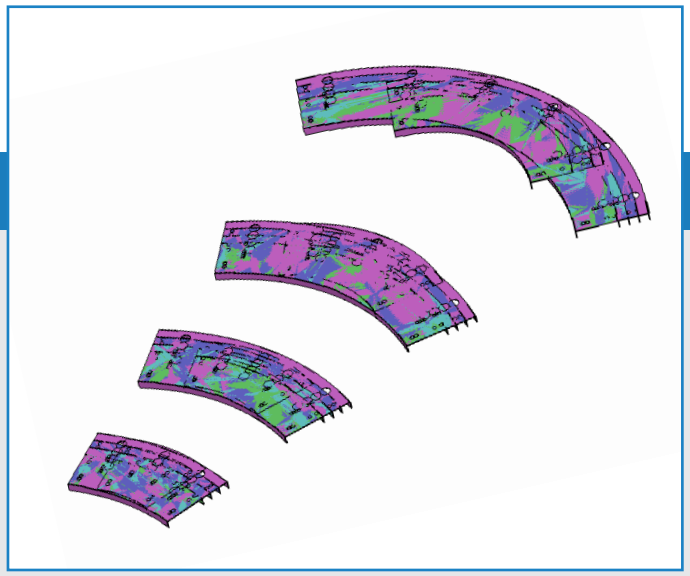
BLUCO™
Make it Better.

INDUSTRY
SHEET METAL

CHALLENGE
VARYING PART SIZE

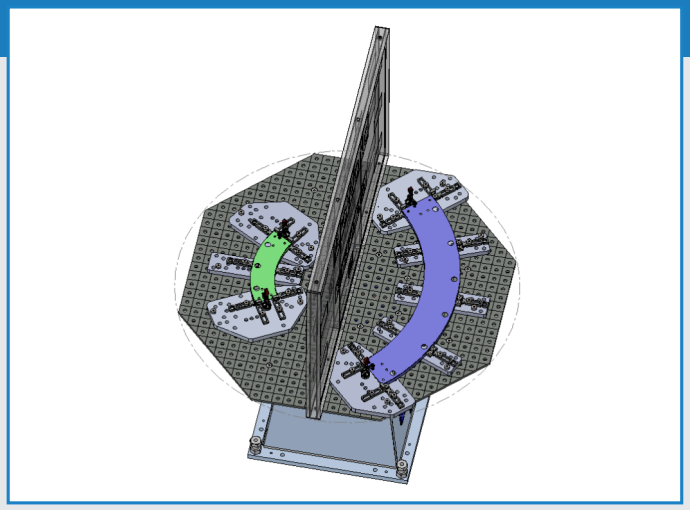


APPLICATION SNAPSHOT

Get ahead of the curve

Challenge

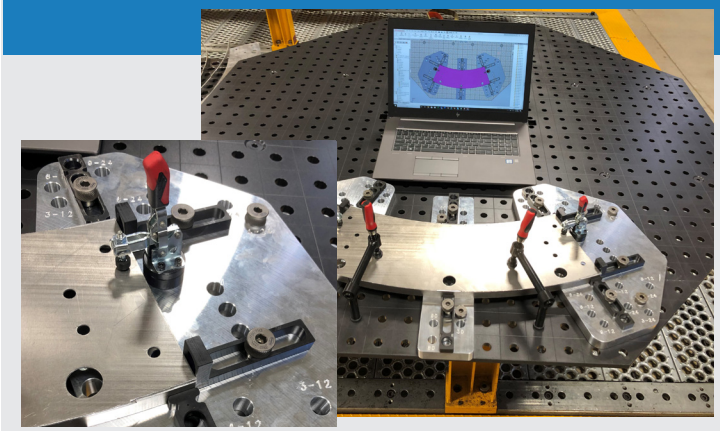
Suppose you have to fixture parts within four different radius families. Each family has 4 widths, 2 chord lengths, and an inner and outer differential. What that means is that you have (in addition a massive challenge) 64 individual parts to fixture. How do you do it in the most accurate, cost-effective way possible?



Solution

- Octagon plate on robot, direct mount
- 8 custom base plates
- Innovative engineering

The solution is two parts engineering expertise, one part modular fixturing and one part wow-factor. Brilliant in its simplicity, the solution starts with an octagon plate direct mounted to a robot. On top, 8 custom-made base plates. Each variation of width is incorporated into the plates and can be set with one set of standard modular components.



Result

A total of 32 setups handle all 64 parts, since inner and outer cable tracks can be combined into one setup. Every fixture is digitized for quick shop-floor reference. This makes for quick, repeatable fixturing while also saving money by minimizing the need for an excess of dedicated fixture plates. All four part families can be fixtured with minimal components, no loss of precision, and no hassle. ■

Got a challenge that needs to be solved? We've engineered solutions for hundreds of customers and thousands of applications. Show us your part and let's make it better.

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