



MEDICAL-GRADE FABRICATED PARTS

Using technology to provide consistent and repeatable results in a timely fashion



BACKGROUND

A large manufacturer of medical/lab-grade refrigeration units was called upon to make storage units to house temperature-sensitive COVID vaccines during the pandemic. As a result of aged tooling and unreliable equipment, they could not create parts within specified tolerances consistently. To keep their manufacturing lines running smoothly, the customer sought a partner who could fabricate parts in a timely fashion.

SOLUTION

After assembling a cross-functional team including Sales, Engineering, and Production, Metalworking Group (MWG) worked with the customer to create a comprehensive solution. MWG was confident it could utilize its RAS UpDown Center to provide consistent, repeatable fabricated parts. The technology in the folding machine is ideal for panels and boxes with thin and medium material widths. Within 14 days, MWG delivered pre-production samples to the customer, and finished parts began shipping to the customer 2 weeks later.

RESULTS

Higher-quality Parts

The RAS machine produced automatic folding sequences and dimensional accuracy when bending the metal. The technology delivered predictable and consistent results that met the high medical-grade standards for the project.

Reduction in Manufacturer's Lead Time

Due to having consistent parts, the customer eliminated the interruptions caused by quality defects that occurred when producing the part in-house. Outsourcing the fabrication of the part to MWG resulted in a smoother, faster, and more efficient manufacturing flow.

AT A GLANCE

- Metalworking Group (MWG)'s customer required parts that consistently met medical-grade standards.
- MWG delivered products promptly that met quality specifications reliably, bridging the gap in the customer's production process.
- The parts enabled MWG's customer to make a substantial contribution to the storage of temperature-sensitive vaccines during the COVID-19 pandemic.

"As a current supplier known for strong quality, we reached out to MWG to help solve a manufacturing gap during a time when quality and reliability were paramount."

