

Tool Design & Build



OVERVIEW

By using space to drive lasting positive change on earth, this space technology company plans to break down barriers for human spaceflight operations, small satellite launches, and advanced aerospace design.

CHALLENGE

With manufacturing's heavy reliance on legacy tooling, the traditional methods soon proved to be antiquated and too low quality for current products. The customer's team could not move forward in production due to lack of resources and personnel able to accommodate necessary tool development activities.

APPROACH

Saratech's experienced team of tool designers conducted interviews with the customer's manufacturing engineers to determine requirements and preferred manufacturing techniques in order to develop tool designs that could be efficiently used in the customer's manufacturing process. By leveraging a broad base of manufacturing suppliers, Saratech created a cost-effective and schedule-aggressive tool fabrication action plan for the customer.

RESULTS

Saratech delivered high-quality designs and state-of-the-art tools enabling the customer to build their products safely and effectively. The implementation of higher-quality tooling methodology allows the customer to meet the production demands of future products.

SARATECH

Saratech works with a diverse group of manufacturing companies to help them make products better, faster, and cheaper to produce. We serve customers in all major industries, including aerospace, automotive, consumer products, industrial machinery, medical, hi-tech, and more.

What makes Saratech unique is our proprietary, proven process to solve engineering issues and optimize product development. Using Saratech Compass Methodology, our team of engineering experts evaluates how a company operates today, identifies where they need to be, then builds and implements a tailored plan to achieve success.

OUTCOME SUMMARY

- ▶ Redesigned and implemented new tooling procedures
- ▶ Delivered comprehensive tool fabrication plan on schedule
- ▶ Offered low cost tool manufacturing solutions

