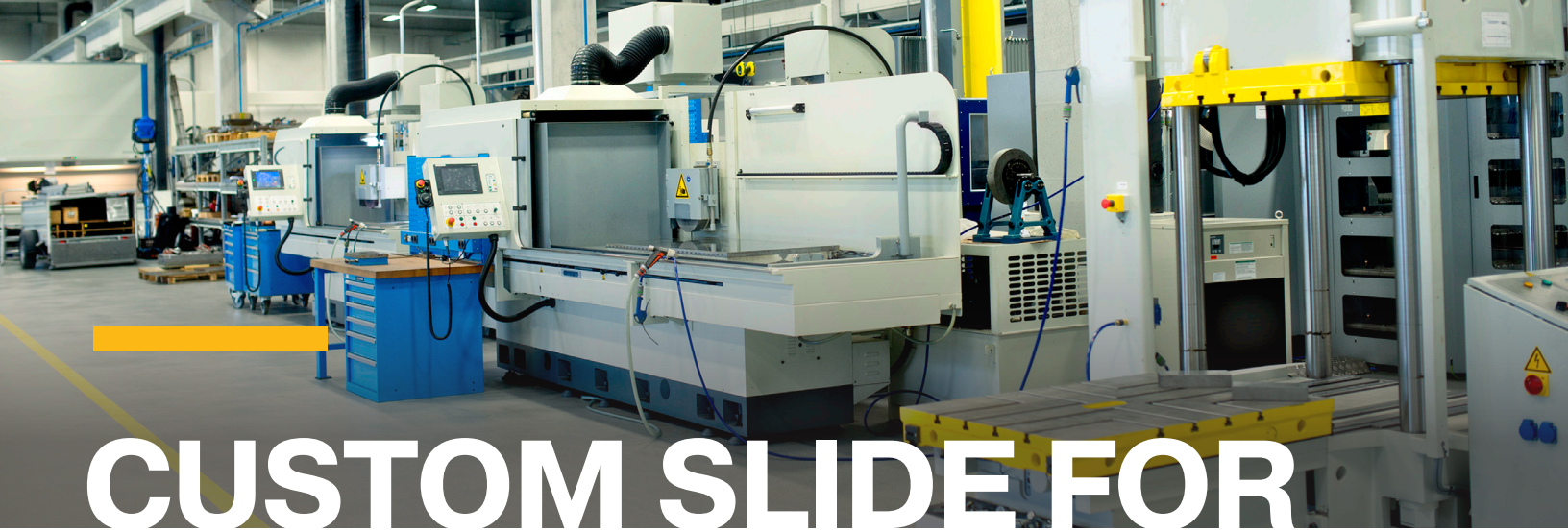

# CUSTOM SLIDE FOR HIGH SPEED PRINTING

## Saving time and money and improving performance with application expertise.

Parker's customer was asked to provide a printing solution for a consumer goods plastic bottle manufacturer. The customer specializes in printing, print head technology, and specialty inks. In order to meet the designs of the new printing machine, they needed 128 axes of coordinated motion with very smooth motion and repeatable positioning.

They were exploring several prototype solutions to determine which manufacturer would deliver the best results.

### CHALLENGE

In order to meet the customer's size requirements, a completely special stage from the Electromechanical Automation division's Irwin, PA facility (Daedal) was designed. Also, BE161 motors were mounted to the stages.

### SOLUTION

- Understood the customer's requirement for smooth motion, and supplied laser test reports of similar products and components with smooth motion.
- Tapped into division resources and experience (special thanks to Daedal Engineering) to make a product recommendation.
- Developed a stage that met the width restriction of 1.5 inches.
- Were able to timely deliver not only a quote, but also conceptual 3D CAD files.

### CUSTOMER VALUE

Will allow Parker's customer to supply the integrated printing machine to their end customer, total value unknown – estimated at over $500,000.

Will allow the end customer to manufacture printed plastic bottles 25% faster than on other machines.

Parker's customer will be able to use their existing controls platform, saving time spent developing software – estimated 80 hours of engineering time.

The flexibility of the BE motor will allow Parker's customer to use their existing servo drive platform, saving $200 per axis, a significant savings on the project.

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