

# ELEMENT 400

State-of-the-art technology  
for the metal processing industry



## ELEMENT 400

# Presenting our next generation of cutting solutions simply revolutionary, productive, and precise.

Our customers' demand was to increase efficiency, and to improve quality and reliability. Our solution is ELEMENT 400 cutting machine a total system solution for the high tech metalworking industry.

The next generation ELEMENT 400 is simply revolutionary. Increased productivity and precision, and a paper free work environment gives you the competitive edge. It's a customizable machine with a full range of cutting and marking tools. Contact the Sales Department to request a quote [sales.us@messer-cutting.com](mailto:sales.us@messer-cutting.com) or call (262) 255-5520.

## BENEFITS



- + **Increased productivity** using high speed motion controls and dynamic tuning techniques. This enables torch path movements at speeds up to 2600 ipm (X-Y combined).
- + **Improved cut quality.** The use of new precision helical rack and pinion drive system guarantees a smoother, vibration free tool path motion.
- + **Enhanced user experience.** The new large format 18.5 inch touch screen and re-designed HMI opens up a whole new world of possibilities. Enables us to move closer to a paper free environment for the workshop.
- + **Maximum customer flexibility.** Our full range available cutting, marking and process tools can be added to the machine.
- + **Simplified rail installation.** The floor mounted longitudinal rail is designed with ease of installation and proves a stable foundation for the high speed gantry.
- + **Faster cycle times** The new Global Lifter with lightning fast speeds of 1200 ipm stroke speed, combined with positional feedback, enables the torch to position rapidly between cut parts and significantly increase machine output.

Messer Cutting Systems, Inc. | W141N9427 Fountain Boulevard | Menomonee Falls, WI 53051  
Phone: 262-255-5520 | [sales.us@messer-cutting.com](mailto:sales.us@messer-cutting.com) | [www.messer-cutting.com](http://www.messer-cutting.com)

Descriptions, technical data, and illustrations contained in this document are for guidance purposes only and are non-binding. The manufacturer reserves the right to make alterations to products without notice.

## ALFA Oxyfuel Cutting



## Plasma Bevel Cutting

