

# ElbowCut

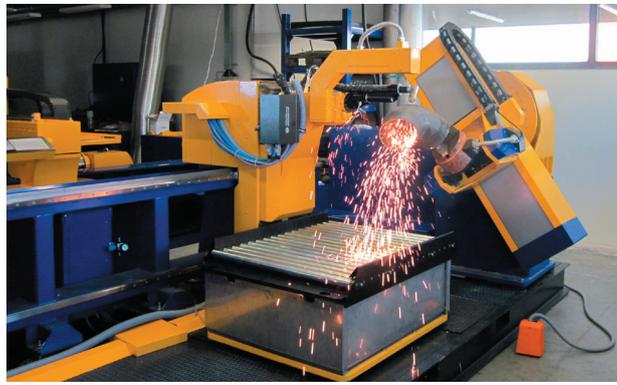
CNC Elbow cutting machine

**MicroStep**<sup>®</sup>  
spol. s r.o.

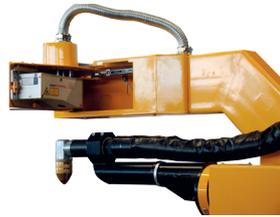


- *ElbowCut is designed for various elbow based applications incl. trimming, elbow and pipe intersections, weld edge preparation and marking of elbows in the diameter range  $\text{Ø}80 \text{ mm} - \text{Ø}400 \text{ mm}$*
- *High-quality cutting with high-definition plasma as well as with standard air plasma sources*
- *Meeting of comprehensive safety and environmental standards*
- *Excellent exhausting efficiency of a noise reducing safety cabin with integrated fume extraction, designed to meet the standards of high-speed plasma cutting*
- *High contour precision resulting from helical rack and pinion drives and linear guidelines*
- *Covers for protection of mechanical parts against fumes and damages*
- *Efficient and user-friendly PC-based CNC control system iMSNC<sup>®</sup>*
  - *Integrated database of tool parameters*
  - *Automatic assignment of tool parameters to processed material*
  - *Full network connectivity*
  - *Remote diagnostics and assistance*
  - *Monitoring of consumable life*
  - *Advanced servicing software tools*





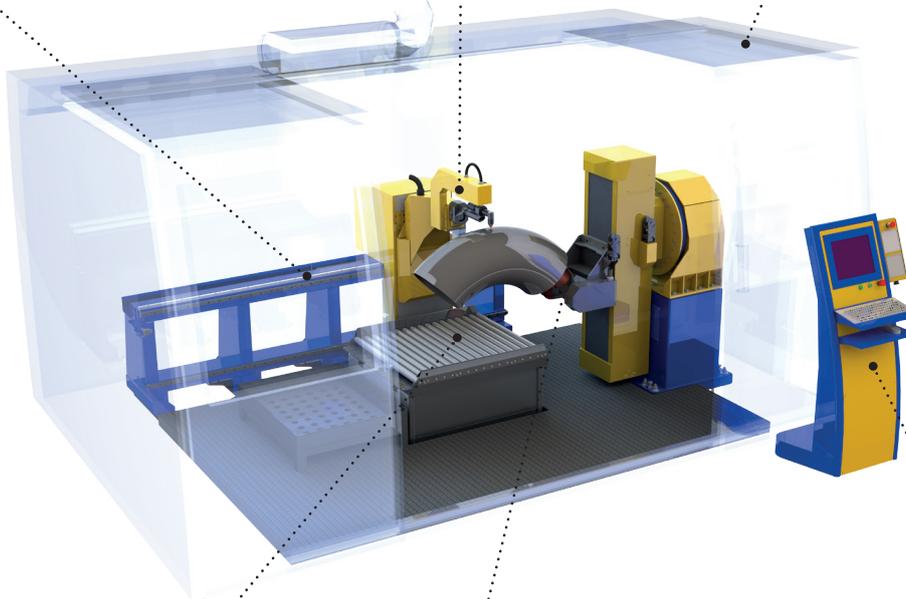
Linear guidelines ensure a smooth and precise movement



Tilting tool station  $\pm 30^\circ$  with a laser scanner designed for elbow cutting



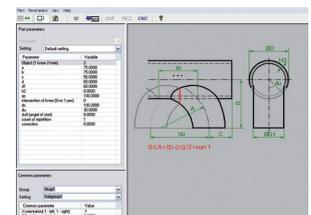
Safety cabin provides effective protection against fumes, noise, sparks, ultraviolet light, heat



Handling table with rollers for easy and safe manipulation with the processed elbow



Pneumatic chuck for convenient and quick clamping of elbows



PC-based CNC control system iMSNC<sup>®</sup> with a touch screen interface + ElbowSel CAM



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