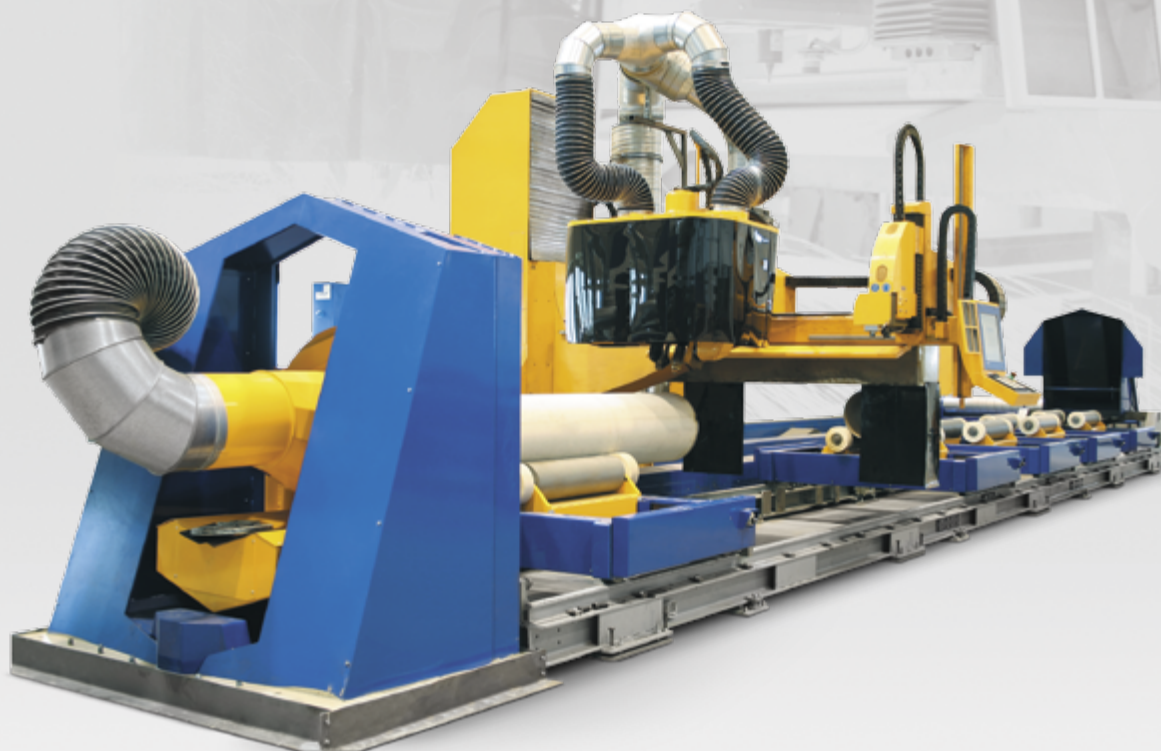


# CPCut

CNC pipe and profile cutting machine

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

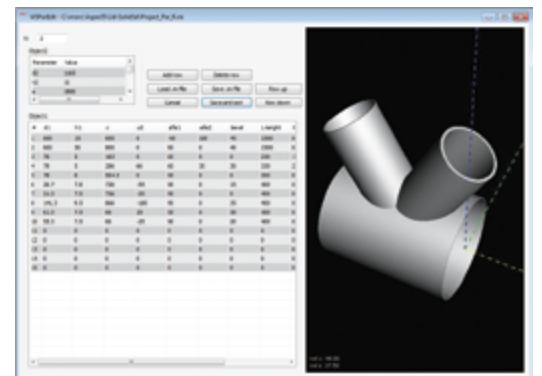
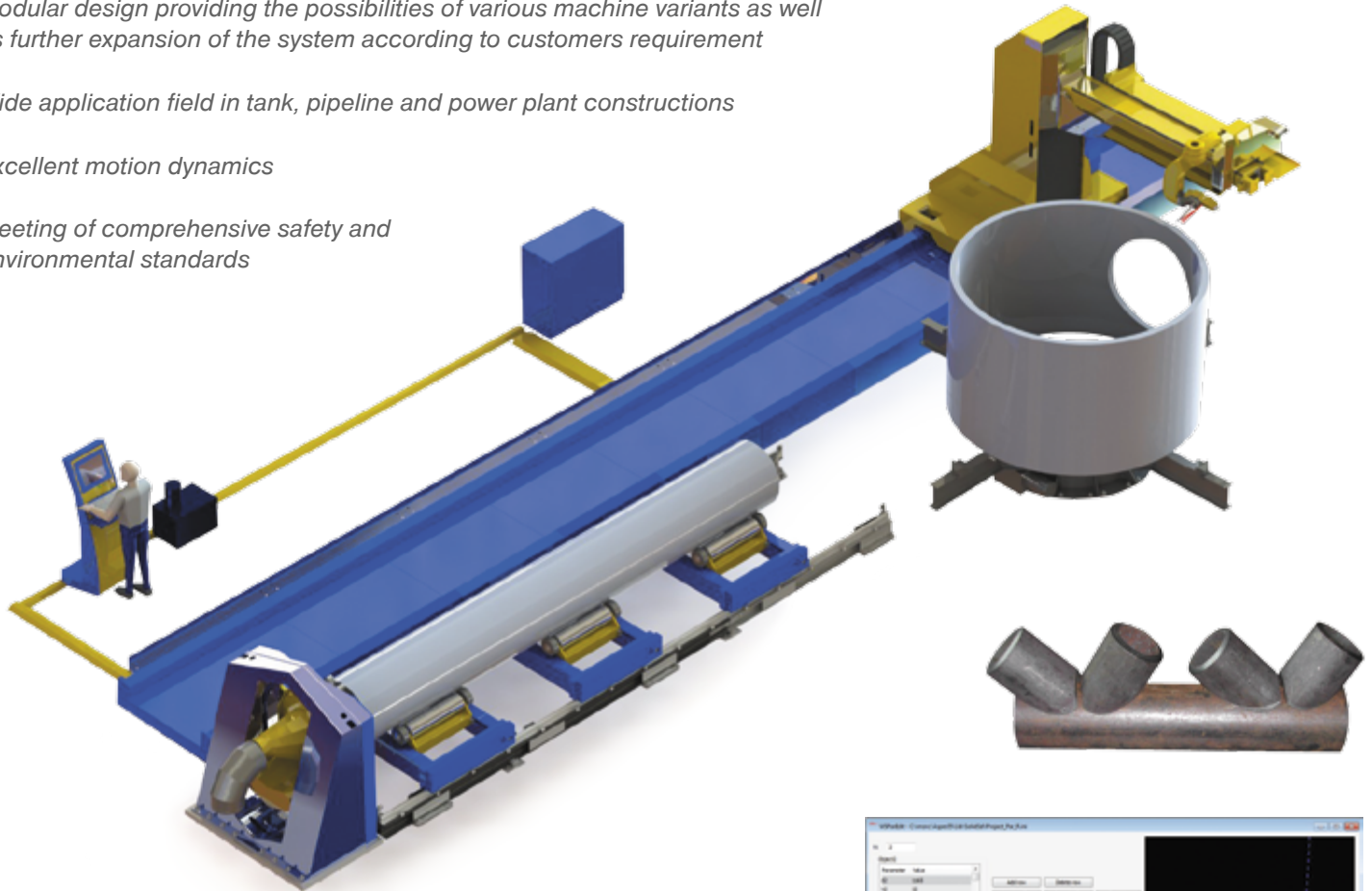


- Modular pipe and profile cutting line designed for a great range of pipe diameters and lengths
- Wide range of pipe based applications incl. trimming, cutting of holes for multiple pipe and profile intersections, welding seam preparation and pipe marking
- High-quality cutting with high-definition plasma as well as with standard air plasma sources
- Excellent exhausting efficiency provided by an overhead extraction system, designed to meet the standards of high-speed plasma cutting
- Sharp angles and corners of cut parts as well as high contour precision resulting from helical rack and split helical pinion drives
- Advanced height control for plasma cutting based on proprietary adaptive algorithms backed by ball screw actuated Z axis
- Control unit with touchscreen mounted on the gantry providing all positioning and technology control functions
- 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
  - Multi-tool operation
  - Automatic assignment of tool parameters to processed material
  - Full network connectivity
  - Remote diagnostics and assistance
  - Parametrical dynamic piercing
  - Monitoring of consumable life
  - Advanced servicing software tools





- Modular design providing the possibilities of various machine variants as well as further expansion of the system according to customers requirement
- Wide application field in tank, pipeline and power plant constructions
- Excellent motion dynamics
- Meeting of comprehensive safety and environmental standards



<b>TECHNICAL PARAMETERS</b> * depends on the machine configuration				
Working length	Pipe diameter	Positioning speed	Positioning accuracy	Type of guides in X, Y direction
1 500 – 12 000 mm	Round Ø 100 – 2 000	up to 30 m/min	± 0.15 mm	linear guidelines



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