MicroStep®

CPCut series
Solutions for large pipes and profiles
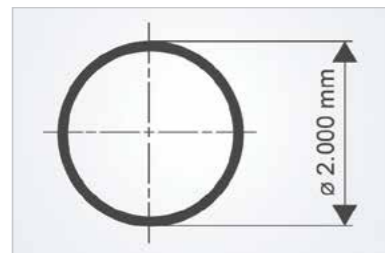
Plasma **Oxyfuel**
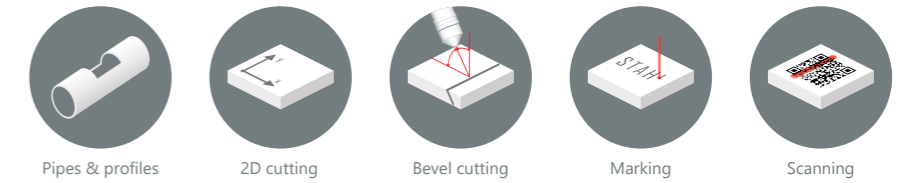
The **CPCut series** offers robust pipe and profile cutting machines designed for processing of a great range of pipe diameters and lengths.

The machine's modular design enables a wide range of pipe-based applications including **trimming**, **cutting** of various openings for multiple **pipe** and **profile** intersections or connections, weld edge preparation as well as pipe **marking**.

The application field of CPCut is in tank, pipeline and power plant constructions.

3D pipe and profile cutting up to Ø 2,000 mm

CPCut's cantilever design with open loading area and a powerful chuck enables clamping and processing of pipes and profiles up to Ø 2,000 mm.
- **3D plasma** for fast and efficient cutting
- **3D oxyfuel** for thick-walled workpieces

Pipes and profiles up to 12 t

12t

Depending on the type of pipe cutting device and pipe supports, the CPCut series can cut round pipes as well as hollow profiles with different cross-sections in the range Ø 100 – 2000 mm up to a weight of 12 tons. Modular design of the machine provides possibilities of different machine configurations as well as further customized expansion of the system.

Easy loading and unloading

Thanks to the open machine area with low-positioned guidelines in the longitudinal axis and the mobile cantilever gantry construction, the gantry can be parked aside to ensure convenient and safe loading and unloading even for large pipes and profiles.

Powerful suction through chuck and the overhead extraction system

MicroStep's proven suction design for pipe cutting includes direct fume extraction from inside of the pipe through chuck as well as suction from the overhead cover around the cutting head.

Advantages:
- Reduced dust pollution of workpieces
- Prolonged lifetime of components
- Minimized fume exposure of the workshop staff

Operator terminal on the gantry

A control unit with touchscreen mounted on the gantry provides all positioning and technology control functions and thus ensures convenient operation of the machine along its whole length.