

› Example 1: Oxyfuel cutting of 3D-contours

Integration of magnetic valves for the gas supply
Laser distance sensors to regulate the vertical and horizontal positioning
Radio controlled



› Example 2: Metal arc welding of block shear connectors

Two torch holders
Interface to two welding machines
Integrated control with end crater filling
Limit switch for beginning and end of the welding seam with automated return function



› E. 3: Submerged arc welding of wind tower door frames

Double wire submerged arc welding equipment on rail-bound chassis with welding powder cycle
Laser distance sensors for automated distance control to the door frame
Radio controlled

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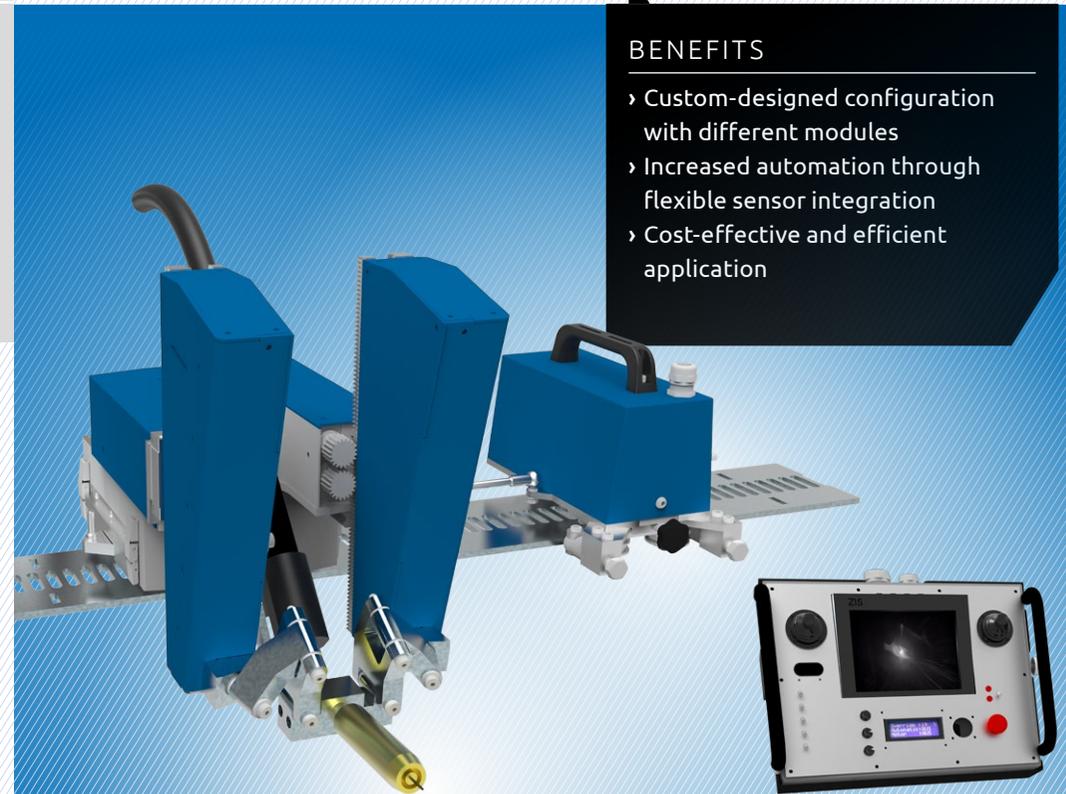
MODULAR SYSTEM KIT

For intelligent welding and cutting tractors

› The cost-efficient solution for the automation of cutting and welding applications

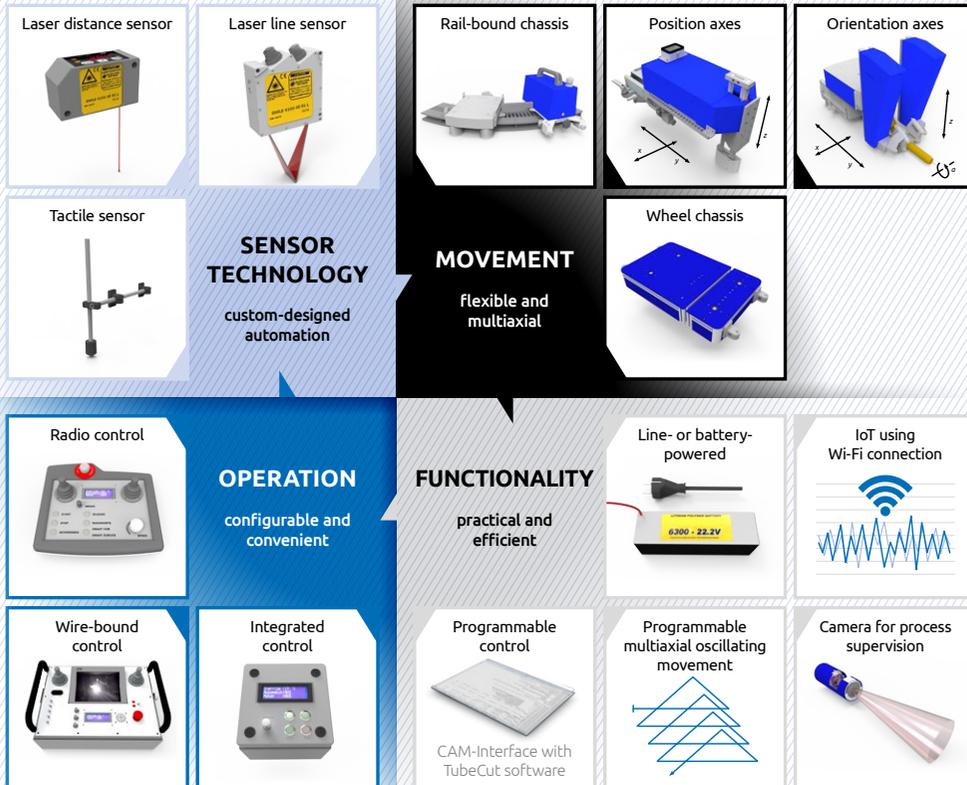
BENEFITS

- › Custom-designed configuration with different modules
- › Increased automation through flexible sensor integration
- › Cost-effective and efficient application



Overview of the essential modules

› The components can be combined according to the requirements



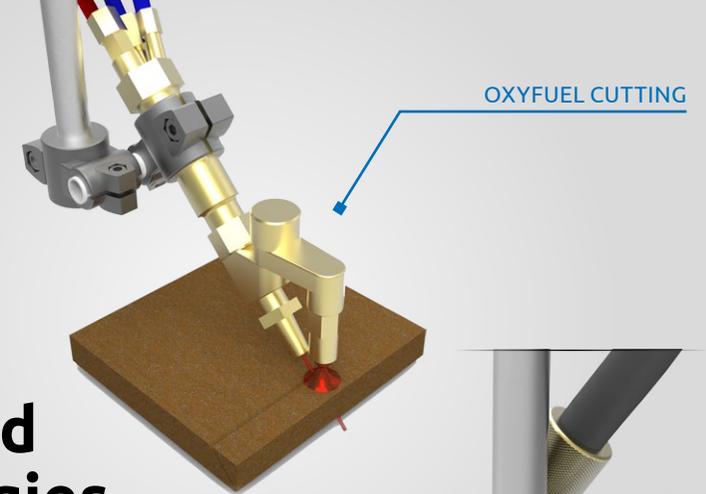
Extensive module selection

The selection allows the configuration of cost-effective and economic solutions. The flexibility of the system and the easy operation enable a fast integration into existing processes and configurations.

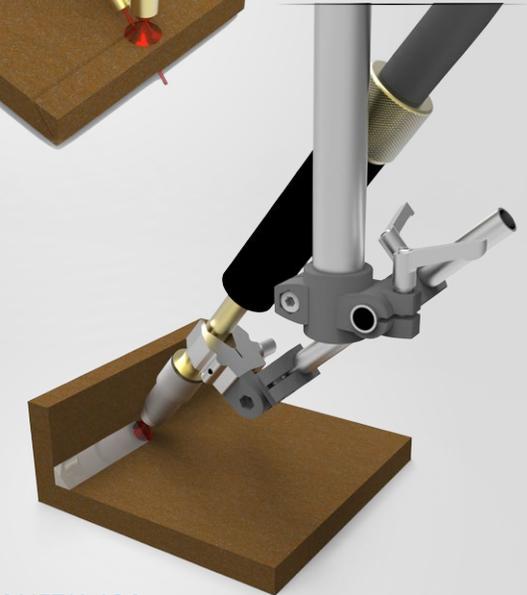
Supported technologies

The multitude of supported cutting and welding technologies and the modular concept of the system make the automation of different production tasks possible. A level of automation comparable to expensive robot applications can be achieved with significantly lower investment.

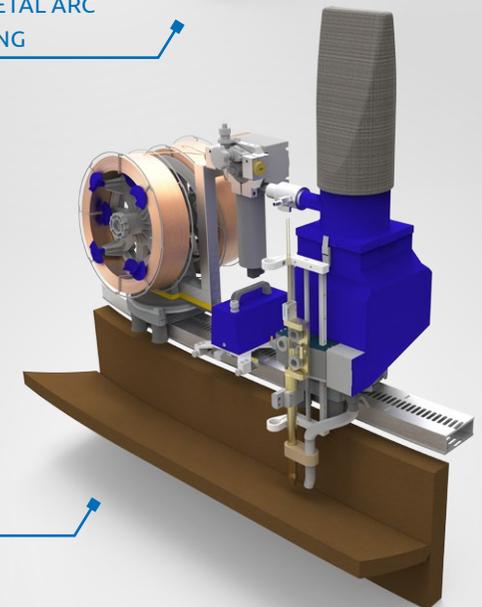
- Increased quality and process stability
- Increased efficiency
- Improvement of the working conditions
- Cost-effective solution



OXYFUEL CUTTING



GAS METAL ARC WELDING



SUBMERGED ARC WELDING