Automated Welding

ENGINEERED FOR YOUR PROFIT

ALL YOU NEED FROM ONE RELIABLE SUPPLIER

Get all you need for automated welding from one reliable supplier. Benefit from the high quality welding solutions and well respected worldwide sales and support network. Meet the leading welding knowledge company. Let us introduce you Kemppi's solutions for automated welding.

MECHANIZED WELDING

A5 MIG Rail System 2500

- The most cost-efficient way to improve your productivity in mechanized MIG welding
- Improves your welding production efficiency with Kemppi WiseFusion and WisePenetration application software
- Saves time and reduces costs with integrated user interface and power supply

A3 MIG Rail System 2500

- Simple and compact mechanization solution for your MIG welding and thermal cutting needs
- No need for separate power cable, thanks to the battery powered carriage

A5 MIG Orbital System 1500

- Enables you to weld complete circumferential joints with one set of mechanization equipment and one power source
- Efficiently from root pass to filler layers with the help of Kemppi WiseRoot+, WiseFusion and WisePenetration application software
- Improves your production efficiency and quality with the integrated and simplified control of total system over one user interface

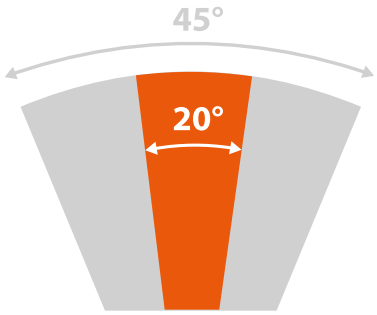
A7 TIG Orbital System 300

- The most advanced professional TIG orbital welding solution for multilayer welding of pipes and tubes
- Save in production time and decrease the amount of rework with easy-to-use auto-programming and easy operating

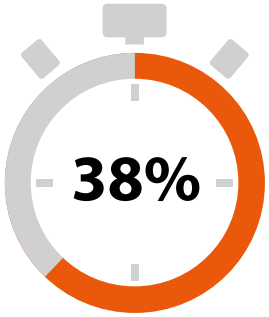
For thin walled pipe applications Kemppi offers **A5 TIG Orbital System 75 and A7 TIG Orbital System 150.**

Reduced Gap Technology

REDUCED GAP TECHNOLOGY (RGT)
CHALLENGES CONVENTIONAL
JOINT DESIGN PRINCIPLES

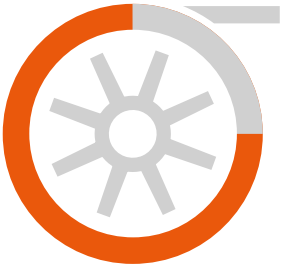


GROOVE ANGLE
REDUCED TO 20^0



SAVINGS ON
ARC TIME

LESS WELDING PASSES



LESS FILLER MATERIAL

The figures are based on a preliminary WPS developed for a butt joint with a 20° groove angle and a material thickness of 25 mm.