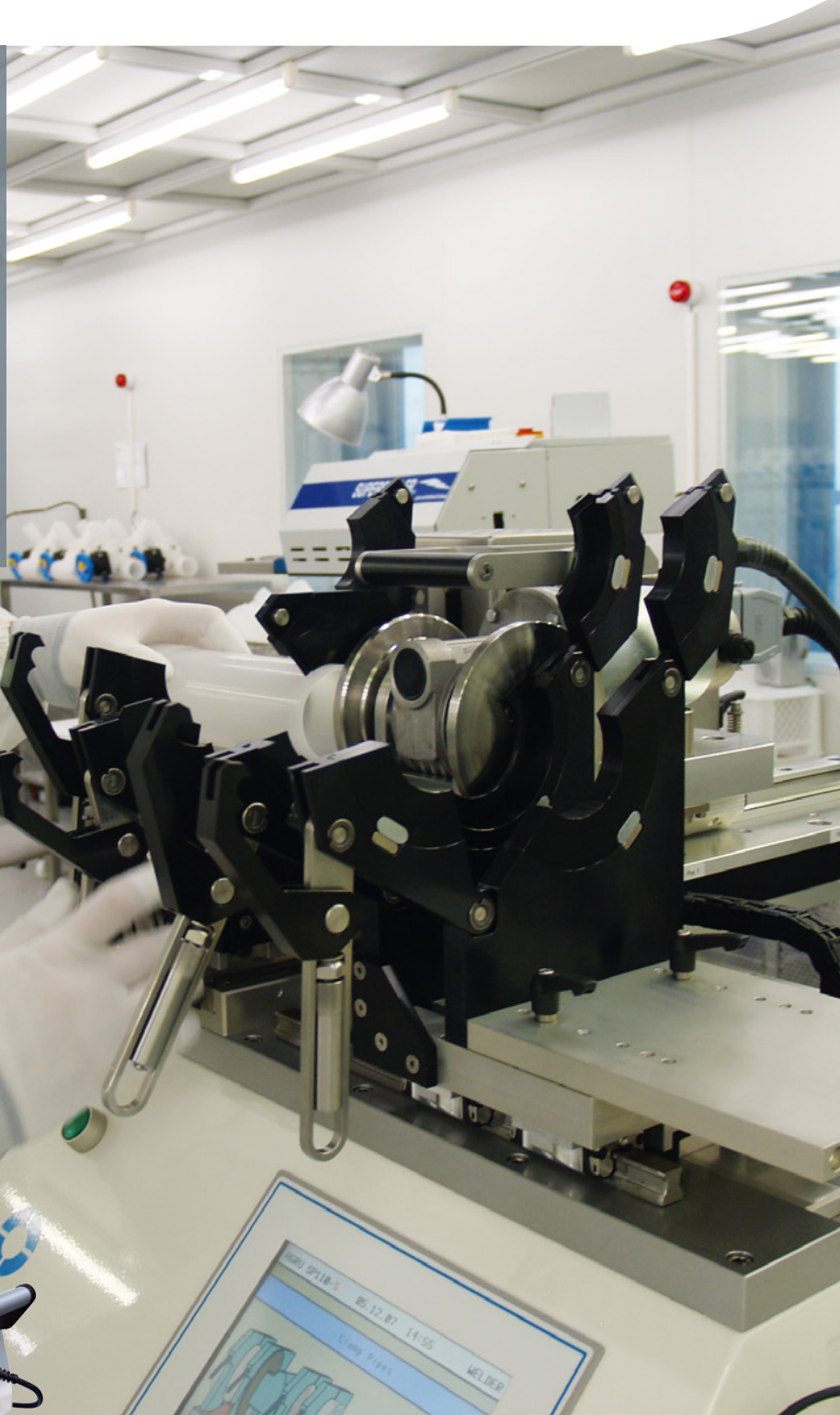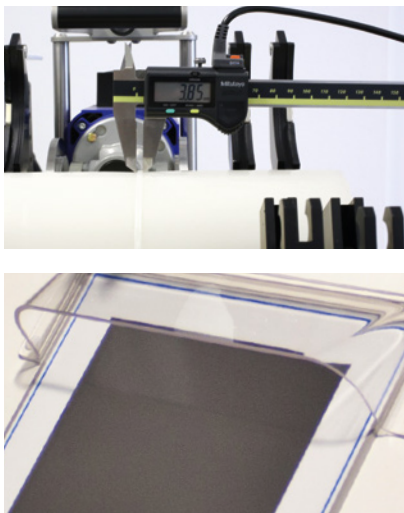# SP-S Series

INFRARED WELDING TECHNOLOGY FOR PLASTIC PIPING SYSTEMS

SP-S Series

THE NEXT GENERATION OF INFRARED WELDING MACHINES

New features

NEW!

- **Caliper for bead size measurement**
  Unique QA/QC hard- and software enables accurate quality control and documentation

- **Label printer**
  Compatible with all versions of SP welding machines

- **RFID card reader**
  Easy access for welder and supervisor with full traceability

- **Touch screen cover**
  Plastic protection cover against mechanical damage of touch screen

- **Foldable planer handle**
  New designed handle for more flexibility

Competence in Plastics

Welding technology at its highest level

SP 110-S
Unique infrared welding equipment for OD 20 mm (½") up to OD 110 mm (4") (PE 100, PP, PP-n, PVDF, ECTFE, PFA)

SP 250-S
For large pipe diameters from OD 110 mm (4") up to OD 250 mm (10") (PP, PP-n, PVDF, ECTFE)
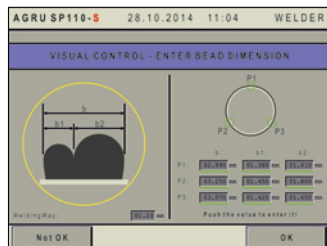
SP 315-S
For large pipe diameters from OD 110 mm (4") up to OD 315 mm (12") (PP, PP-n, PVDF, ECTFE)

Easy operation with highest repeatability

The fully automated welding process provided by the SP welding equipment and accurate control of the process parameters guarantee short welding times, fast installation of piping systems and highest welding quality.

Increased profitability

- Cost reduction due to short welding times
- Very small welding beads and highest repeatability of welding joint quality
- Fully automated welding process pressure controlled acc. to DVS 2207-6
- Electronic process control and welding data recording
- Integrated programme for heating up components with low melt flow index
- Large touch panel with selectable languages:
  German, English, French, Italian, Spanish, Swedish, Chinese, Korean, Japanese, Russian,...
- Adjustable planing distance feature
- Vertical and horizontal alignment adjustment
- Universal - Suitable for all AGRU components
- Implemented QC for bead size measurement
- Easy to produce dead-leg free fabrications
- Equipment corresponds to DVS 2207-6 requirements
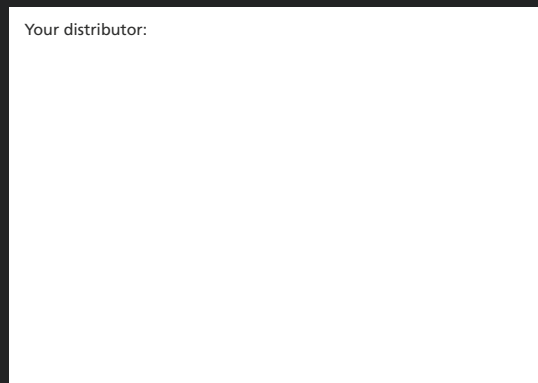- Compact design for site, workshop and cleanroom usage

Standard edition

All SP Series infrared welding machines include

- Thermoprinter
- Clamp inserts
- DATAWORK software for welding data management
- Data transfer cable with USB interface for data monitoring

Optional

- Welding programme for PFA/MFA®
- Caliper for bead size surveying
- Clamp inserts for customized products

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Competence in Plastics