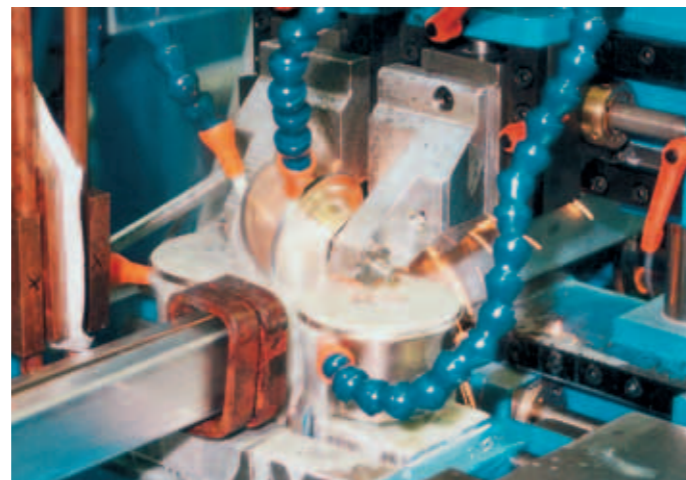


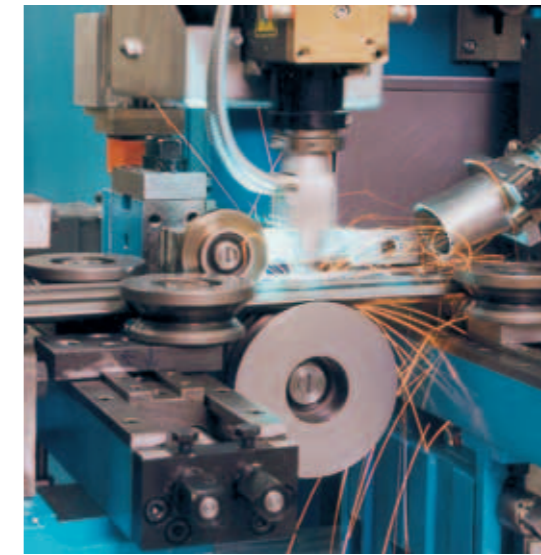
High frequency window-spacer line



Laser tube-welding line for automotive intrusion beams



High Frequency Welding



High frequency welding of contoured tubes

HF-Frequency Welding

- Welding speeds in excess of 180 m/min.
- Suitable for most metals

✓ Applications

- Cost-effective production of tight-tolerance and contoured tubes

✓ Scope of Supply

- Turn-key welding systems including coil handling, seam welding, in-line seam re-galvanizing, stacking; polishing, etc.



LASER-Welding

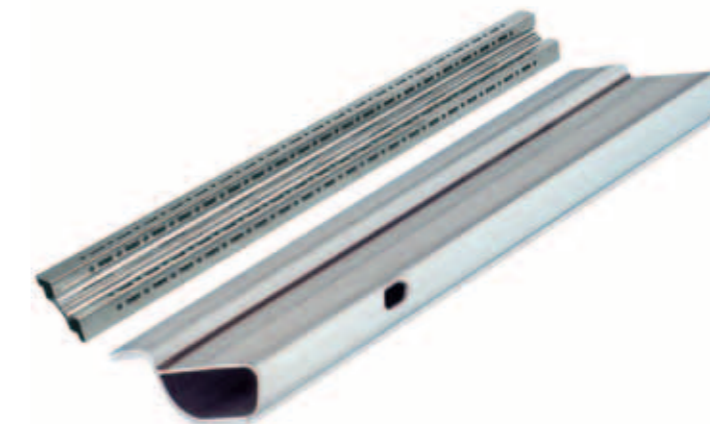
- Exceptional welding quality
- Production of innovative new profiles
- Stitch, overlap and continuous seams
- Two weld seams at one time by means of beam splitting
- Profiles & tubes remain clean and dry thanks to reduced lubrication
- Exceptional seam surface, no further finishing necessary
- Suitable for almost all metals
- Laser welding of contoured tube

✓ Applications

- Complex profiles and tubes with high demands on weld seam
- Tailored tubes

✓ Scope of supply

- Complete systems including strip entry lines, punching and cut-off units



Welding process:

- High frequency
- LASER
- TIG

Cross sections:

- Round tubes
- Rectangular tubes
- Square tubes
- Contoured tubes
- Composite tubes

Dimensions:

- Diameter: 3 bis 168 mm
- Wall thickness: 0,15 bis 5 mm
- Diameter/wall ratio: 8:1 bis 250:1

Material:

- Steel
- Stainless steel
- Aluminum
- Titanium
- Titanium-Zinc alloy
- Copper
- High tensile steels and Aluminum alloys

Strip entry lines:

- Uncoiler
- Straightening machine
- Strip shear & end welder
- Strip accumulator
- Strip edge preparation

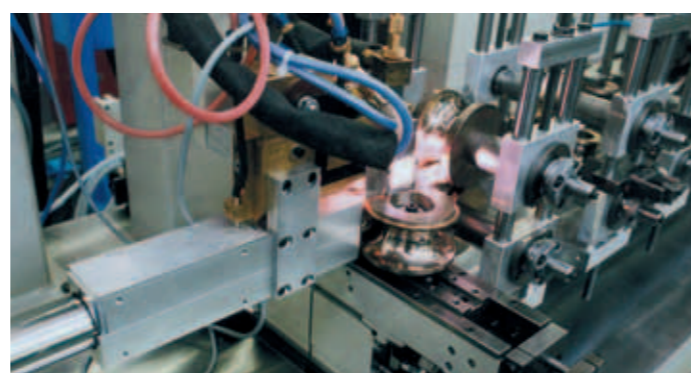
- ✓ Best forming process for all materials & requirements
- ✓ Optimal welding process for every application
- ✓ Cut-off process to suite your requirements



Thin-wall tube welding system

TIG-Welding

- Seam welding quality to meet highest demands
- Advanced roll tool design
- Precision components
- Cost-effective production thanks to high line speeds
- Suitable for almost all metals



TIG welding of thin-wall tubes

✓ Applications

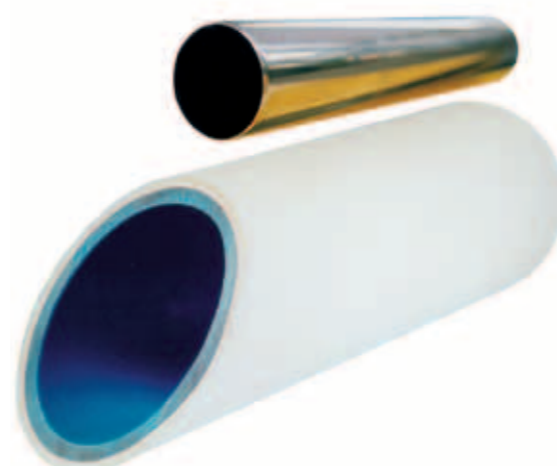
- Precision tubes
- Thin-wall tubes
- Aluminum-composite tubes

✓ Scope of supply

- Turn-key systems including all auxiliary equipment

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Key in meeting this challenge is to increase productivity and quality. DREISTERN technology in combination with a solid customer/supplier alliance with help you reach this goal.

Over 60 years experience.
Over 1500 rollforming systems installed.

**DREISTERN – The Ultimate
in Rollforming and Welding**

WELDING RS

Tube Welding Installations

- Strip Entry Lines
- Rollforming machines
- Rollforming tools
- Flying cut-off machines
- Stationary punching
- Production lines



HF-welding



TIG-welding



LASER-welding

