

High frequency window-spacer line



Laser tube-welding line for automotive intrusion beams

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

HF-Frequency Welding

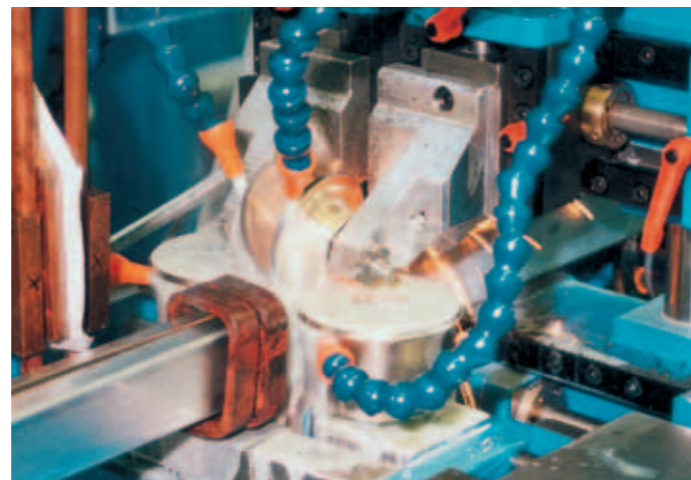
- Welding speeds in excess of 180 m/min.
- Suitable for most metals

✓ **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.



High Frequency Welding

LASER-Welding

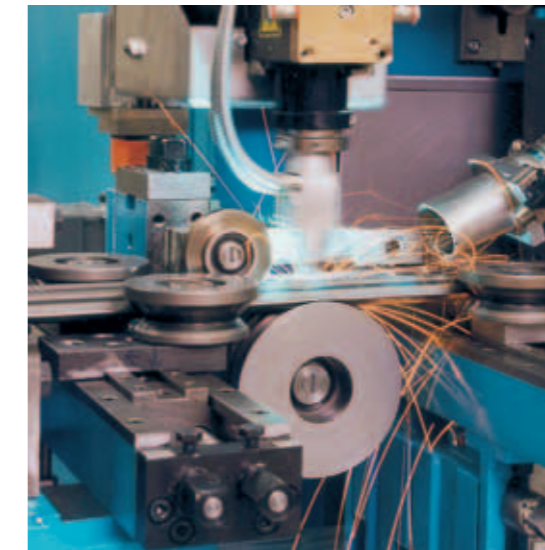
- Exceptional welding quality
- Production of innovative new profiles
- Stitch, overlap and continuous seams
- Two weld seams at one time by means of beam splitting
- Profiles & tubes remain clean and dry thanks to reduced lubrication
- Exceptional seam surface, no further finishing necessary
- Suitable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

✓ **Applications**

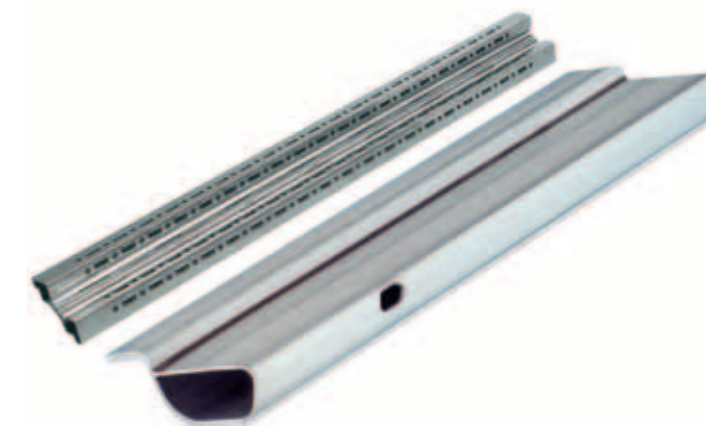
- Complex profiles and tubes with high demands on weld seam
- Tailored tubes

✓ **Scope of supply**

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



High frequency welding of contoured tubes



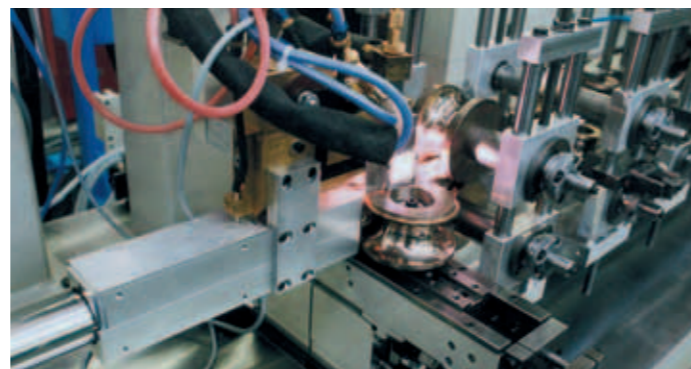
- ✓ Best forming process for all materials & requirements
- ✓ Optimal welding process for every application
- ✓ Cut-off process to suite your requirements



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



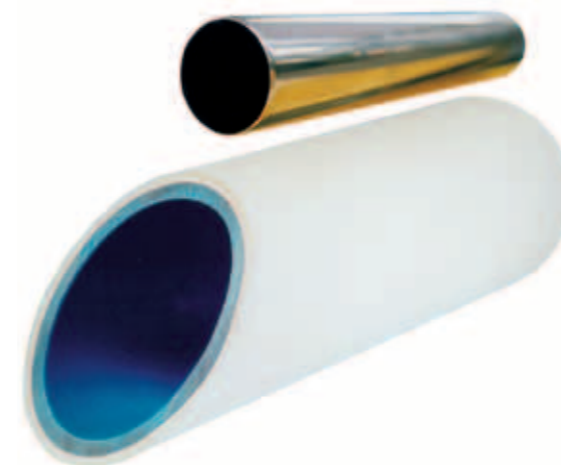
TIG welding of thin-wall tubes

✓ Applications

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

✓ Scope of supply

- Turn-key systems including all auxiliary equipment



DREISTERN GmbH & Co. KG
Wiechser Straße 9
79650 Schopfheim/Germany
Fon: +49 (7622) 391-0
Fax: +49 (7622) 391-205
info@dreistem.com
www.dreistem.com

DREISTERN Inc.
Hilltown Industrial Park
801 Tech Drive,
Telford PA 18969 / U.S.A.
Tel: +1 (215) 799 0220
Fax: +1 (215) 799 0420
usa@dreistem.com
www.dreistem.com

Maintaining and increasing market shares under intense competitive pressure is a challenge every tube producer is faced with.

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.

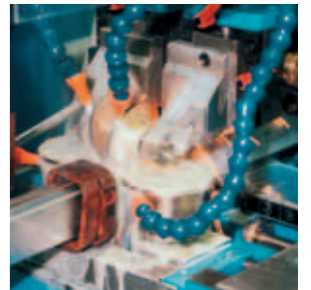
Over 60 years experience.
Over 1500 rollforming systems installed.

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

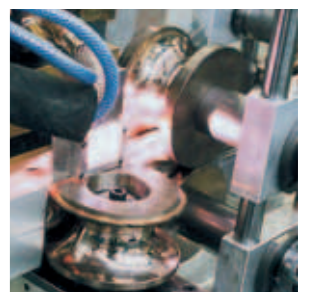
WELDING RS

Tube Welding Installations

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



HF-welding



TIG-welding



LASER-welding

