# S-SPACER TRUSS SERIES

## Automatic Welding Lines

for Truss-Type Strip Spacers




EUROBEND

**Engineering Solutions**

*Shaping Industries Worldwide*

# S-SPACER TRUSS SERIES

## AUTOMATED PRODUCTION OF TRUSS-TYPE STRIP SPACERS

**High Speed | Precision Control | Flexible Configurations**

### Key Advantages

- Compact machine layout
- High productivity with minimal setup
- Continuous heavy-duty operation
- Flexible configurations for multiple spacer types

**“T” WELDING ENSURES BETTER STABILITY AND SIGNIFICANT MATERIAL SAVINGS**



Automatic Bundling Station

### Machine Overview

Streamlined machine layout enables efficient production of truss-type strip spacers directly from coil.

Synchronized powered payoff stations for smooth and precise wire feeding.

Straightening rollers with pre-set diameter changeover rulers, for rapid wire size changes.

Multi-step consecutive feeding carriers deliver excellent repeatability and smooth production flow.

Precision bending module ensures exceptional accuracies.

The machine can be equipped with “T” type welding heads or overlap “R” type welding heads, providing flexibility for different spacer specifications.

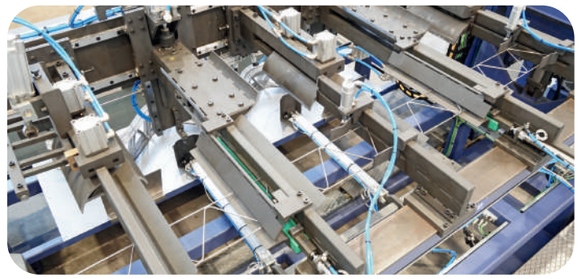
“T” welding ensures **better stability and significant material savings** depending on product height.

### Patented Bending & Forming Technology

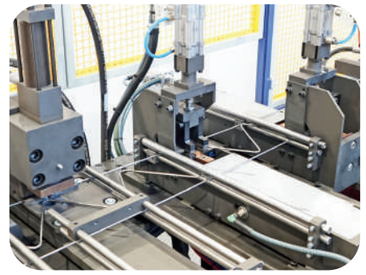
An advanced bending system ensures high accuracy and repeatability during the forming process, ensuring consistent strip spacer geometry throughout production.

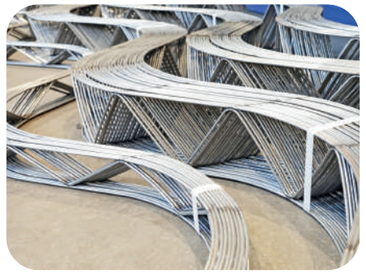
Up to five synchronized pneumatically operated bending units progressively shape the spacer during truss production, ensuring stable and precise forming even at high operating speeds.


Straightening Rollers with Pre-Set Diameter Changeover Rulers


Pneumatic Bending Units


Decoiling Stations


“T” Welding Heads


Finished Products

*Designed for reliable long-term operation in demanding reinforcing steel production environments.*

### Performance Overview

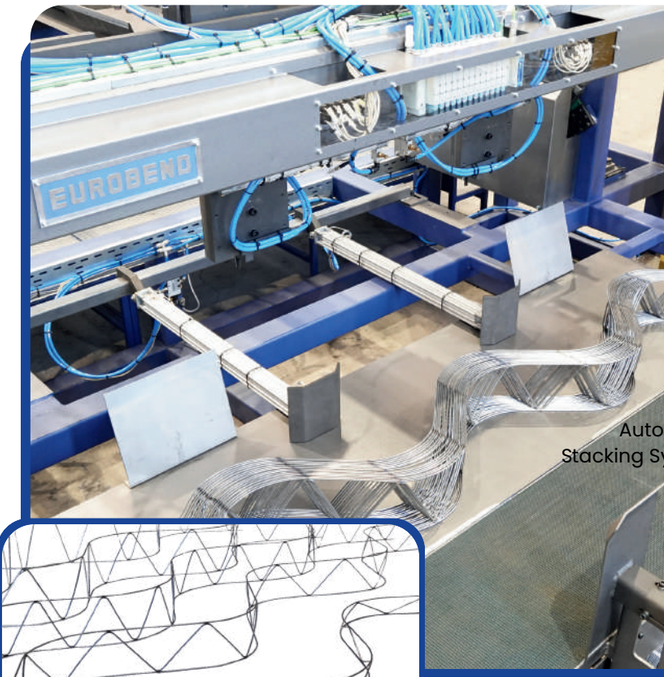
- Max Spacer Height: **400 mm**
- Wire Diameter: **3 – 6.5 mm**
- Working Speed: **60 steps/min**

### Flexible Production

- All squeezing, welding, holding and cooling times are digitally controlled.
- Line wire convergence guide system for automatic product height changes in less than 2 minutes.
- Programmable truss steps

### Automation Features

- Continuous production flow
- User-friendly control software
- No programming knowledge required
- Automatic stacking of finished spacers
- Automatic bundling of finished spacers
- Automatic extraction of finished bundles



Automatic Stacking System



### Technical Characteristics

| S-SPACER TRUSS SERIES | | PLT Model | PLR Model |
|---|---|---|---|
| Max. Spacer Height | mm (in.) | 350 (14″) | 400 (16″) |
| Min. Spacer Height | mm (in.) | 50 (2″)* | 50 (2″)* |
| Line & Cross Wire Feeding | | Up to 3T Coils | Up to 3T Coils |
| Max. Truss Wire Pitch | mm (in.) | 400 (16″) | 400 (16″) |
| Min. Truss Wire Pitch | mm (in.) | 160 (6″) | 160 (6″) |
| Line & Truss Wire Diameter | mm | 3 - 6.5 | 3 - 6.5 |
| Line & Truss Wire Diameter | in. | 0.11″ - 0.26″ | 0.11″ - 0.26″ |
| Number of Bending Units | | Up to 5 | Up to 5 |
| Working Speed | steps/min | Up to 60 | Up to 60 |



# Cutting-Edge Technology

*Developed by our Innovative R&D Department*

## Our Supreme Features

Precision
Flexibility
Reliability
High Productivity
Ergonomic Design
Worldwide After-Sales Support

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