S-SPACER LADDER SERIES

Automatic Welding Lines

for Ladder-Type Strip Spacers



EUROBEND

Engineering Solutions

Shaping Industries Worldwide

S-SPACER LADDER SERIES

AUTOMATED PRODUCTION OF LADDER-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 UP TO 33% CROSS WIRE MATERIAL SAVINGS



Automatic Bundling Station

Machine Overview

Compact and streamlined machine layout enables efficient production of ladder-type strip spacers directly from coil, reducing setup complexity while maintaining high productivity and consistent product quality.

A servo-driven multi-roller straightening system ensures precise wire alignment, accurate feeding, and smooth production flow.

A line wire convergence guide system enables product height adjustment in less than two minutes, significantly reducing downtime when changing production specifications.

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

“T” welding technology improves product stability while achieving **cross wire material savings of up to 33%**.

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 ladder production, ensuring stable and precise forming even at high operating speeds.



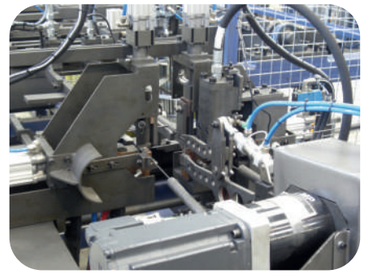
Pneumatic Bending Units



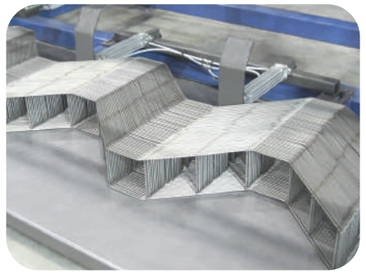
Compact Machine Layout



Decoiling Stations



“T” welding heads



Finished Products

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

Performance Overview

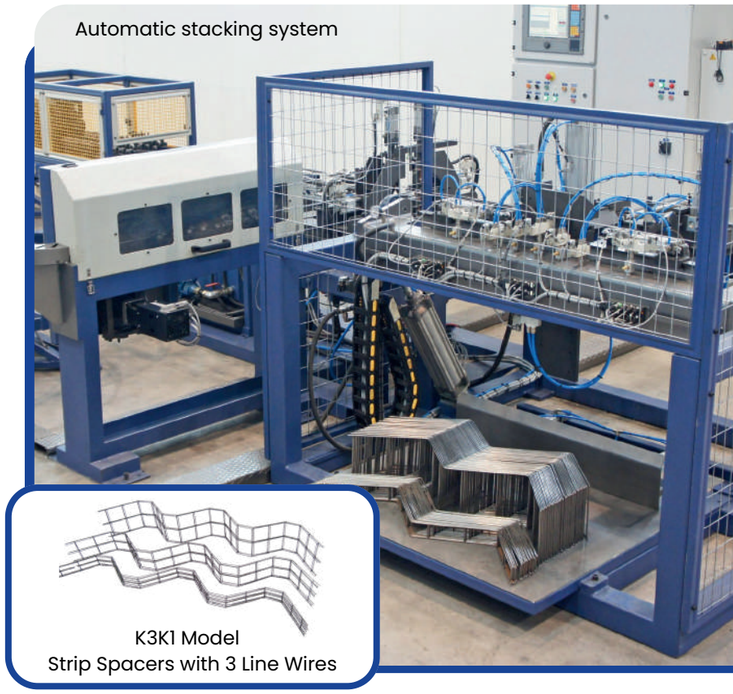
- Max Spacer Height: **400 mm**
- Wire Diameter: **3.5 – 6 mm**
- Working Speed: **120 cross wires/min**

Flexible Production

- Programmable wire feeding
- Programmable wire spacing
- Flexible spacer configurations

Automation Features

- Continuous production flow
- Reduced manual handling
- User-friendly control software
- No programming knowledge required
- Automatic stacking of finished spacers
- Automatic bundling of finished spacers



Automatic stacking system

K3K1 Model
Strip Spacers with 3 Line Wires

Technical Characteristics

S-SPACER LADDER SERIES		K2K1 Model	K3K1 Model
Max. Spacer Height	mm	400 (16″)	400 (16″)
Min. Spacer Height	mm	50 (2″)*	50 (2″)*
Line & Cross Wire Feeding		Up to 3T Coils	Up to 3T Coils
Number of Line Wires		Up to 2	Up to 3
Cross Wire Spacing	mm	min. 50 (2″) above infinite	min. 50 (2″) above infinite
Line & Cross Wire Diameter	mm	3.5 - 6	3.5 - 6
Line & Cross Wire Diameter	in.	0.14″ - 0.24″	0.14″ - 0.24″
Number of Beding Units		Up to 5	Up to 5
Working Speed	Cross Wires/min	120	120

*With two line wires



Cutting-Edge Technology

Developed by our Innovative R&D Department

Our Supreme Features

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

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