

CUSTOMER INFORMATION

Processing of reinforcing steel in coils

Two key measures for trouble-free decoiling

1. Correct Adjustment of the Reel

To ensure a centered and smooth unwinding of the coil, the reel must be adjusted to the inner diameter of the respective coil. The reel arms should fit with minimal gap, i.e., they should be extended or adjusted accordingly.

Example: For a coil with an inner diameter of 900 mm, the reel's outer diameter should be approximately 870 mm.

2. Use of Hold-Down Devices

Hold-down devices prevent the material from moving uncontrollably upward during unwinding. This helps to avoid:

- ◆ the upper layers from loosening,
- ◆ the coil from tightening further, or
- ◆ the material from flipping over

Our experience shows that the targeted use of these two measures – with minimal time and cost effort – significantly reduces disruptions and sustainably increases process reliability in production.

For questions or assistance, our service teams are gladly available to help:

Sales: verkauf@de.feralpigroup.com

Quality Assurance: qs@de.feralpigroup.com

Advantages of the New Spooler Coil

Technical & Quality Advantages

- ◆ Round base body
- ◆ Uniform cross-section without torsion along the entire coil length
- ◆ Reduced residual stress
- ◆ Consistent bending results
- ◆ Better dimensional accuracy in stirrup production

Processing Efficiency

Coil weights up to 8 t available

- ◆ Fewer material changes
- ◆ Shorter setup times
- ◆ More efficient production processes

Sustainability

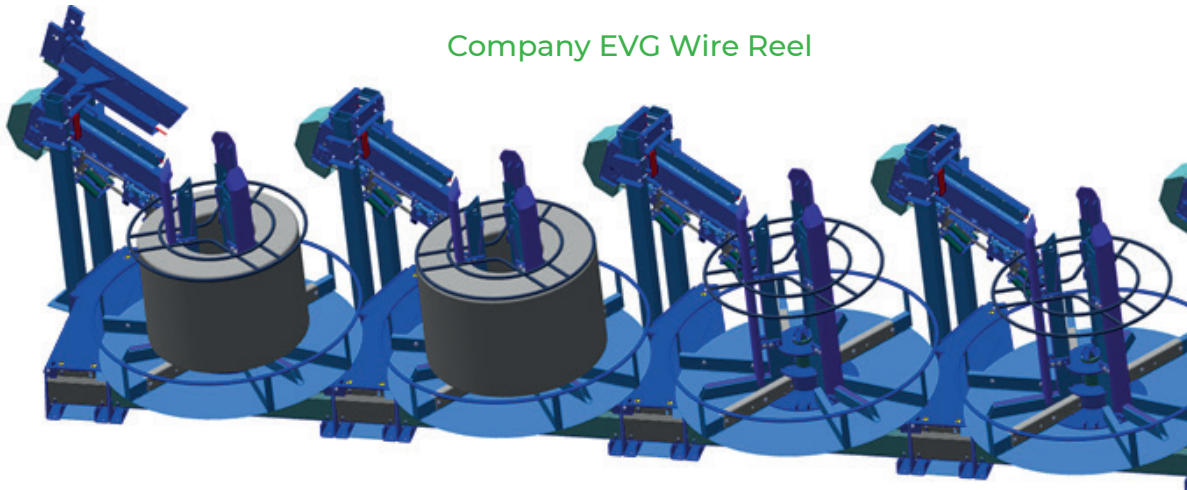
Low-CO₂ product with documented EPD

- ◆ Contribution to sustainable construction and ESG goals



Sample images of hold-down devices from various manufacturers of processing machines

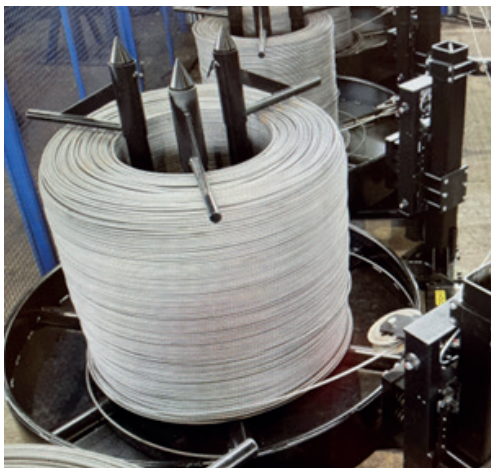
Individual solutions can also be implemented in-house with minimal effort – we are happy to support you with constructive advice upon request.



Company EVG Wire Reel

Company Progress Wire Reel

Company Schnell Wire Reel



Technical Data:

Reinforcing steel in B500B rings, hot-rolled and cold-stretched, or directly coiled
Standards: DIN 488, general building authority approval, as well as international standards

FR-, WR- and Spooler-Coils

Coil diameter	Coil weight	Coil height
hot-rolled / cold-stretched:		
Interior approx. 60 cm (for diameter of 6–16 mm) or	ca. 2,5 - 5,0 t	ca. 70 cm or
Interior approx. 90 cm (for diameter of 18 and 20 mm)		ca. 90 cm (at 5,0 t)
Exterior approx. 100–145 cm (130–145 cm at 5 t)		
hot-rolled / directly spooled:		
Interior approx. 90 cm	ca. 3,0 - 8,0 t	ca. 100 cm
Exterior approx. 110–130 cm (130–170 cm at 5 t and 8 t)		

**LINK TO THE
PRODUCT PAGE**

