



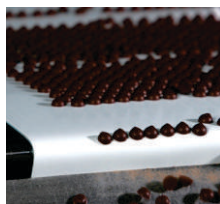
*MOVING YOUR SHEET OF STEEL
FORWARD*

Belts for the Metal and Steel Industry

Schiki Belting has specially designed belts for coil-wrapping machines and for sheet conveying, as well as felt belts for extrusion and synthetic belts for slitting and polishing.

We have combined innovative materials and experience-led design to develop the best possible belting solutions for the Metal Industry.

We offer a wide range of belting products. By choosing Schiki Belts technology, you can not only reduce your supplier base, you will also have access to our worldwide network of industry and product specialists.



Premium partner



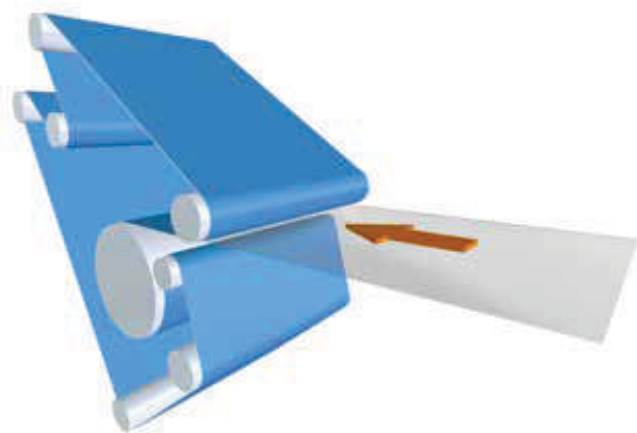
Schiki Belts solutions Metal and Steel Industry

Coil wrapping machines are used in the metal industry to coil sheet material of various thickness and temperature.

AmWrap Belts are positioned around the mandrel of a coiling machine to guide the sheet material at the start of the coiling process. They are designed for use in rough environments, and exhibit good impact and cut resistant properties.

AmWrap Belts consist of a uniformly coated, seamless and endless fabric with special edges to prevent fraying and wear. This guarantees high flexibility and extended belt life.

The top cover on these belts is wear resistant, non-ageing polyurethane. This material is not affected by milling emulsion, preventing covers from hardening or cracking.

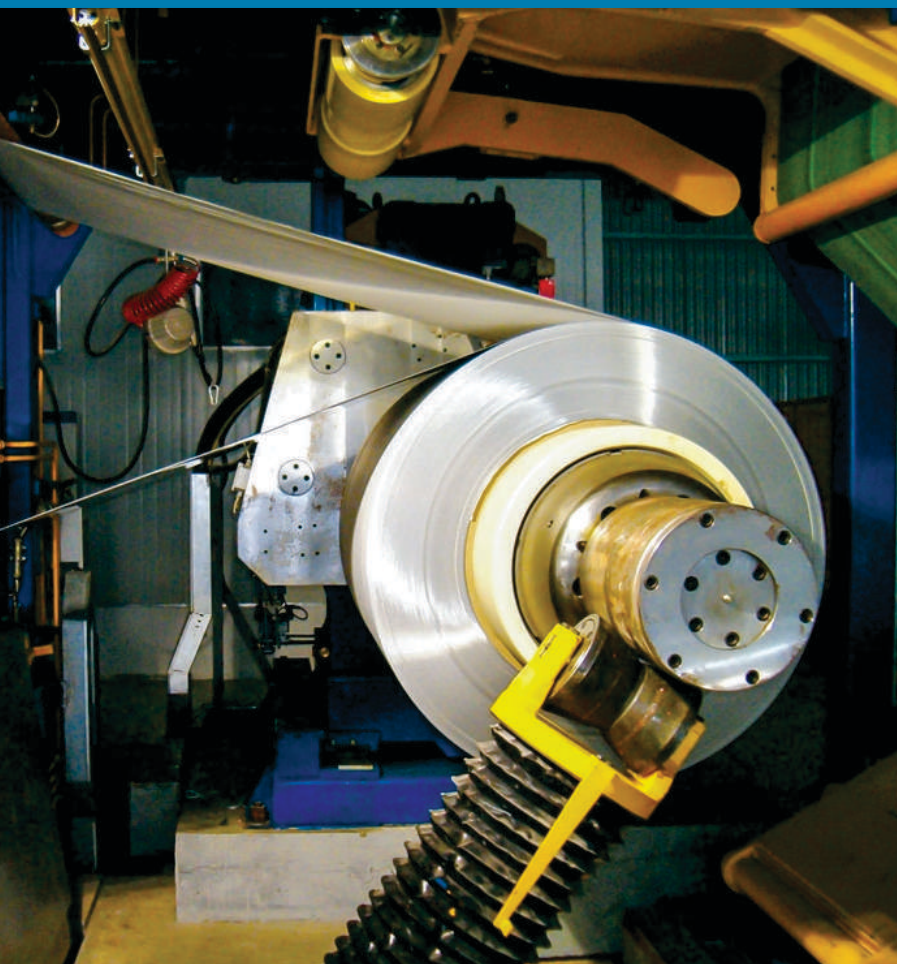


Main benefits

- **Less risk of downtime because of seamless belt construction**
- **Metal temperatures up to 350°C can be handled due to various top covers**
- **Different sheet thicknesses can be coiled thanks to variable cover thicknesses**
- **Small pulleys are possible because of variable seamless construction**
- **Oil and fat resistant covers minimise risk of cracking**
- **Low fraying risk with special fabric edge execution (closed edges are possible in some cases)**

Technology

In the metal industry, wrapping machines are used to coil sheet material of variable thickness of steel, aluminium, copper, etc. At the start of the coiling operation, one or two wrapper belts are positioned around the mandrel of a coiling machine. The flat sheet is fed between the belts and coiling mandrel, and the belt forces the sheet to coil up. After a number of turns of the coiling mandrel, the need to guide the sheet material ceases, the wrapper belts move away and the coiling operation continues at high speed. Once the correct length of material has been coiled, the sheet is cut off and the next coiling operation starts.



Features

- Seamless covers and fabrics:
 - Constant thickness
 - Flexibility in flexing and back flexing
 - No splice failure
 - Overall belt strength
 - Covers and fabrics can be selected depending on application demands
- Excellent FE properties
- Close tolerances in thickness/weight
- Wide range of profiles available