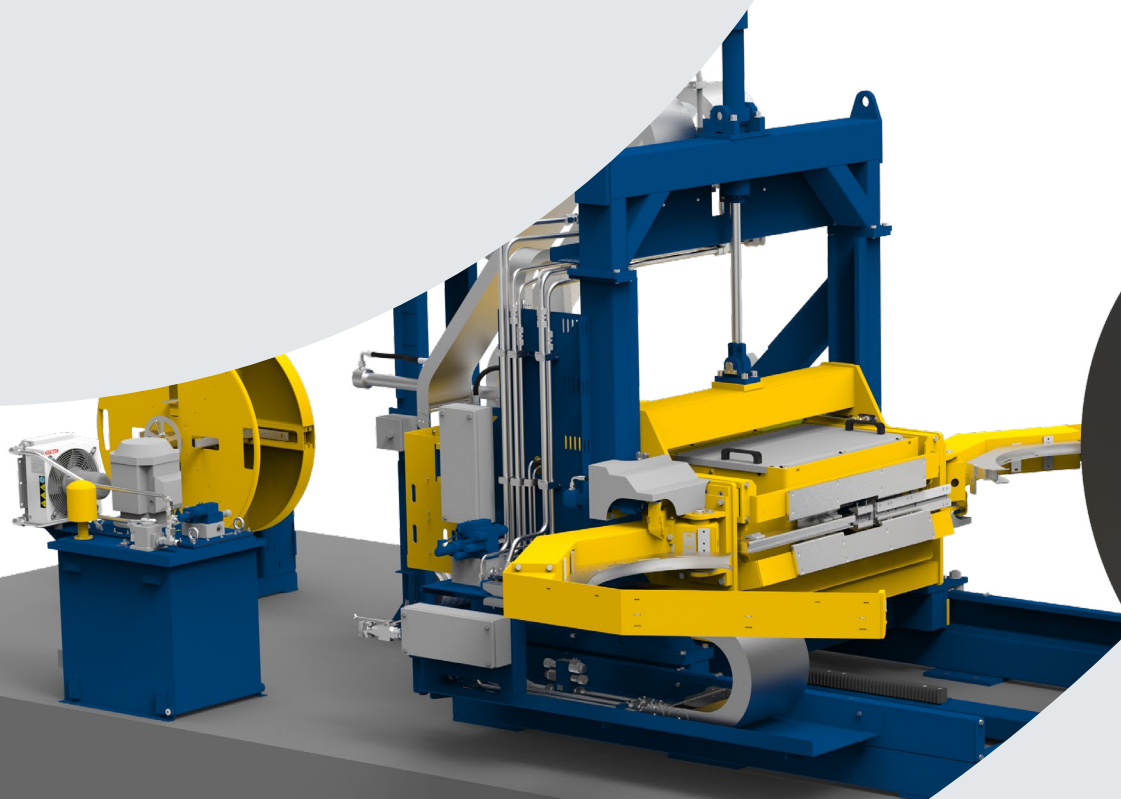


Strip coil

Strapping machine SMB-E

Product brochure





Your solid industrial partner




In a world of technical developments and ever-changing needs, a solid industrial partner is crucial. Sund Birsta has been setting new standards for performance, durability, energy efficiency and safety for decades. Today, we are considered the leading supplier of handling equipment in the rolling mill industry.

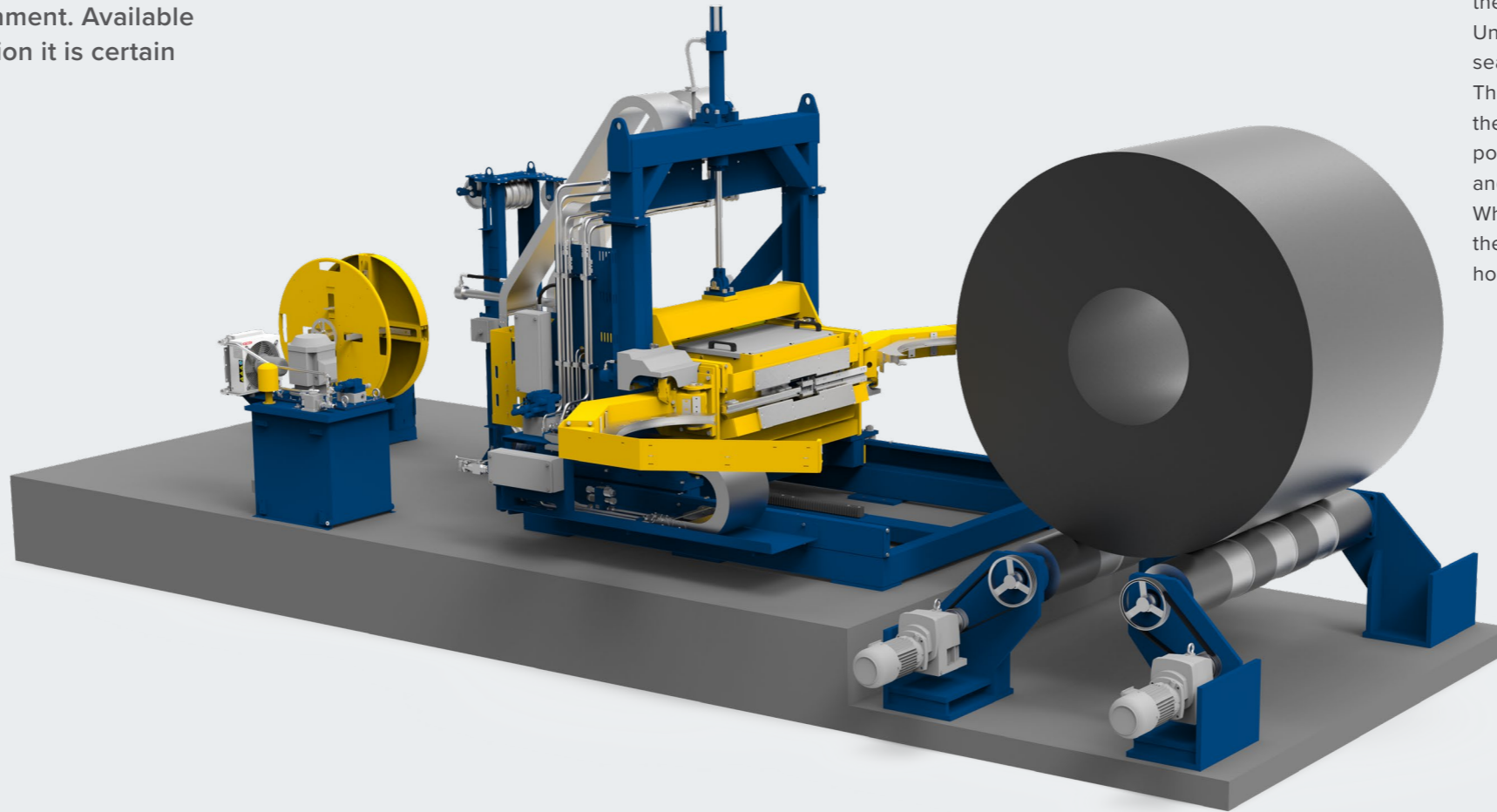
Sund Birsta's wide range of solutions can be found in plants of all types and sizes, all over the world. Like the SMB responsible for strapping strip coils in the most demanding environments.

SMB-E

When consistency is your top priority – we have the solution




The SMB-E is designed for strapping strip coils with a consistent result no matter the environment. Available in a heavy-duty and a lightweight version it is certain to fit into your every operational need.

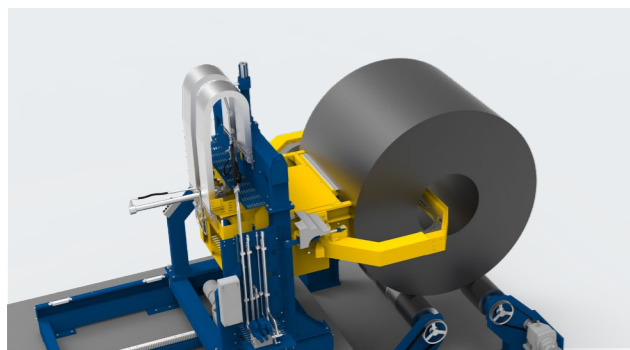
- 
Wide applicability
 The SMB-E can handle a wide set of coil dimensions, material temperatures and strapping recipes, while keeping pace with your production.
- 
Tailored to your needs
 The machine can be configured with a wide selection of strap guide systems, stroke lengths and sealing technology to handle your specific requirements.
- 
Advanced sealing technology
 Equip the machine with the strapping head of your choice. Sund Birsta offers a wide selection of strapping heads capable of creating sealless mechanical joints or welded joints.



Operation

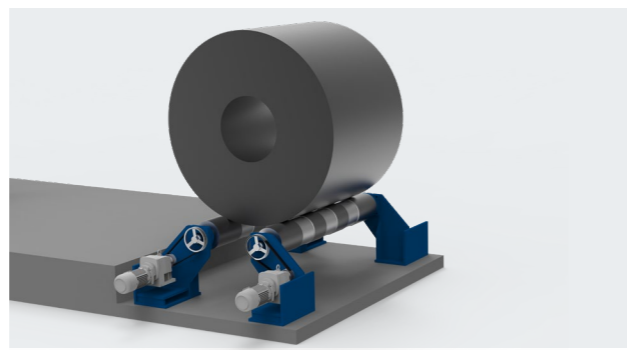
When a Strip Coil arrives at the strapping position the SMB-E has already positioned itself vertically to align the strap guides with the center of the Strip Coil – it is ready to strap. When the coil is in position the Strapping Machine moves horizontally towards it and the strap guides closes through the eye of the coil. Strap is then fed through the strap guide system and into the Strapping Unit. The strap is clamped and the Feeding Unit retracts surplus strap while the Strapping Unit moves towards the coil. The Strapping Unit performs the seal, cuts the strap and returns to its retracted initial position. The strap guides remains connected through the eye of the coil while the Turn Rollers rotate it to the next strapping position. The strap is again fed through the strap guide system and into the Strapping Unit and the strapping cycle reiterates. When the required amount of straps have been applied, the strap guides opens, and the Strapping Machine retracts horizontally to its home position.

- 
Safety solutions
 Sund Birsta provides customized safety solutions that comply with applicable standards and meet your specific requirements.
- 
Support
 Our dedicated Customer Service team ensures you receive the support you need, when you need it. Your production is our priority.
- 
Remote service
 The SMB-E is compatible with our IoT solution, enabling quick and solution-oriented remote support from Sund Birsta's experienced engineers.



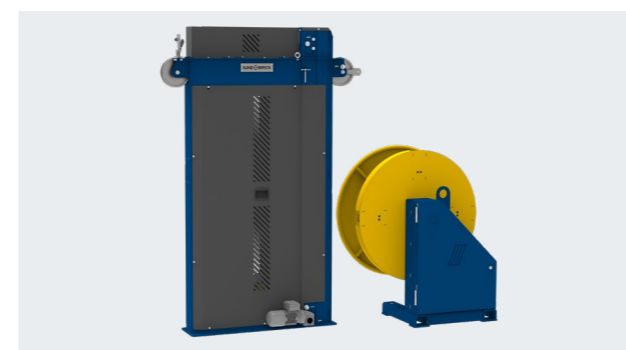
Optimal strapping condition

The SMB-E can be equipped with sensors to verify the coil dimensions – ensuring optimal strapping conditions every time.



Electrical Turn Roller

Combine the SMB-E with an Electrical Turn Roller from Sund Birsta.



Next generation Accumulator

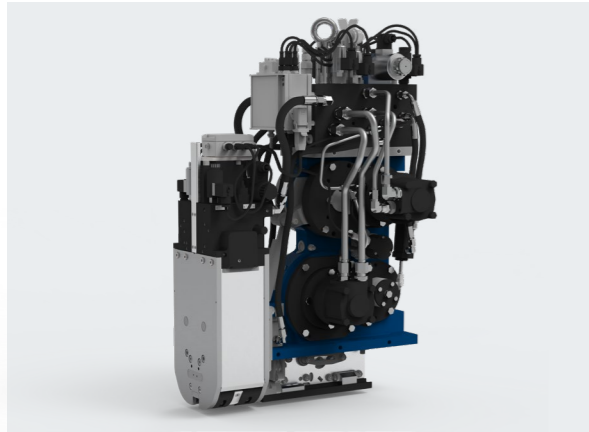
Faster, safer and more ergonomic. Discover our new accumulator and improve your productivity.

| Technical specification | SMB-E |
|-------------------------|--------------------|
| Material temperature | Up to 850°C |
| Sealing technology | Mechanical or weld |
| Strap width | 19 or 32 mm |
| Coil sizes | Customizable |
| IoT compatible | Yes |

Strapping heads

Widest choice of options in the latest strapping technology

Our strapping heads can easily be fitted into existing strapping machines.



SBHX5

- Sealless mechanical joint
- For 32 mm steel straps
- Retains 80% of the steel strap's tensile strength
- Wear parts have a lifespan of up to 80,000 cycles

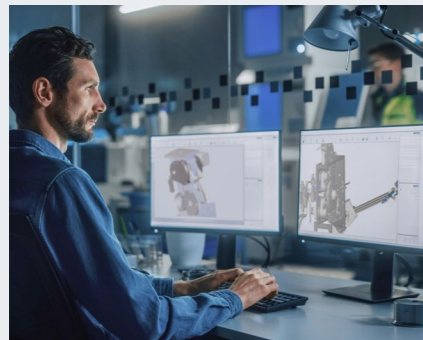
SBHXS3

- Sealless mechanical joint
- For 19 mm steel straps
- Can be retrofitted



SBHRW

- 4-spot resistance welded joint
- For 32 mm steel straps
- Retains 90% of the steel strap's tensile strength
- Wear parts have a lifespan of up to 5,000 cycles



Remote service

With the Sund Birsta IoT solution, our specialist can perform remote diagnostics and troubleshooting of your equipment. This can also allow for improved preventive maintenance and optimization.



Safety

Sund Birsta machines and handling equipment are designed to meet high demands on safety, for both people and property. Machine safety is important and a priority for us.



Working environment

We strive for continuous improvement through design for a better working environment.

A long-term partnership

Service, cost-effective spare and wear parts and upgrade programs. Safety, support and digital tools. We are in it for the long haul, making sure you maximize the return of your investment in Sund Birsta technology.



Spare parts service

Every Sund Birsta unit is built with high-quality industrial components from leading suppliers. We take great pride in offering the same quality components as spare parts, readily from our large stock.



Workshop service

Our workshop staff apply the same level of expertise and attention to detail in looking after your unit, that went into building it. From inspections to full machine rebuilds, we've got everything covered.



A wide range of solutions

We have a wide range of solutions for handling all types of products - from durable infrastructure steel to exclusive materials and surface-treated products that must be handled with great care.



60+ years of experience

We have been supplying handling equipment to satisfied customers in the rolling mill industry for over 60 years and our solutions are suitable for plants of all size and types.

We increase your productivity.

sundbirsta.com

SUNDBIRSTA

A part of Danieli Group