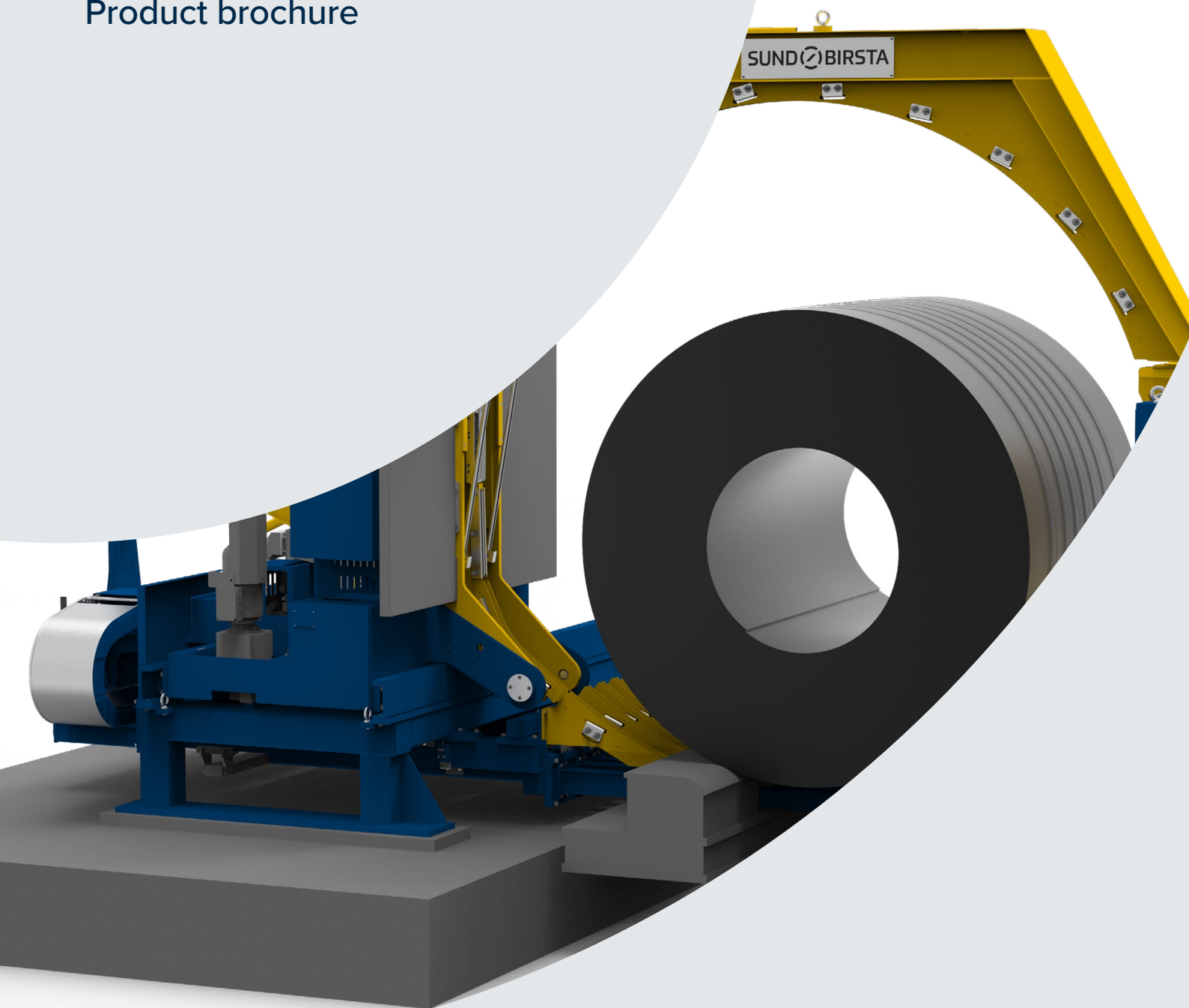


Strip coil

Strapping machine SMB-M

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.

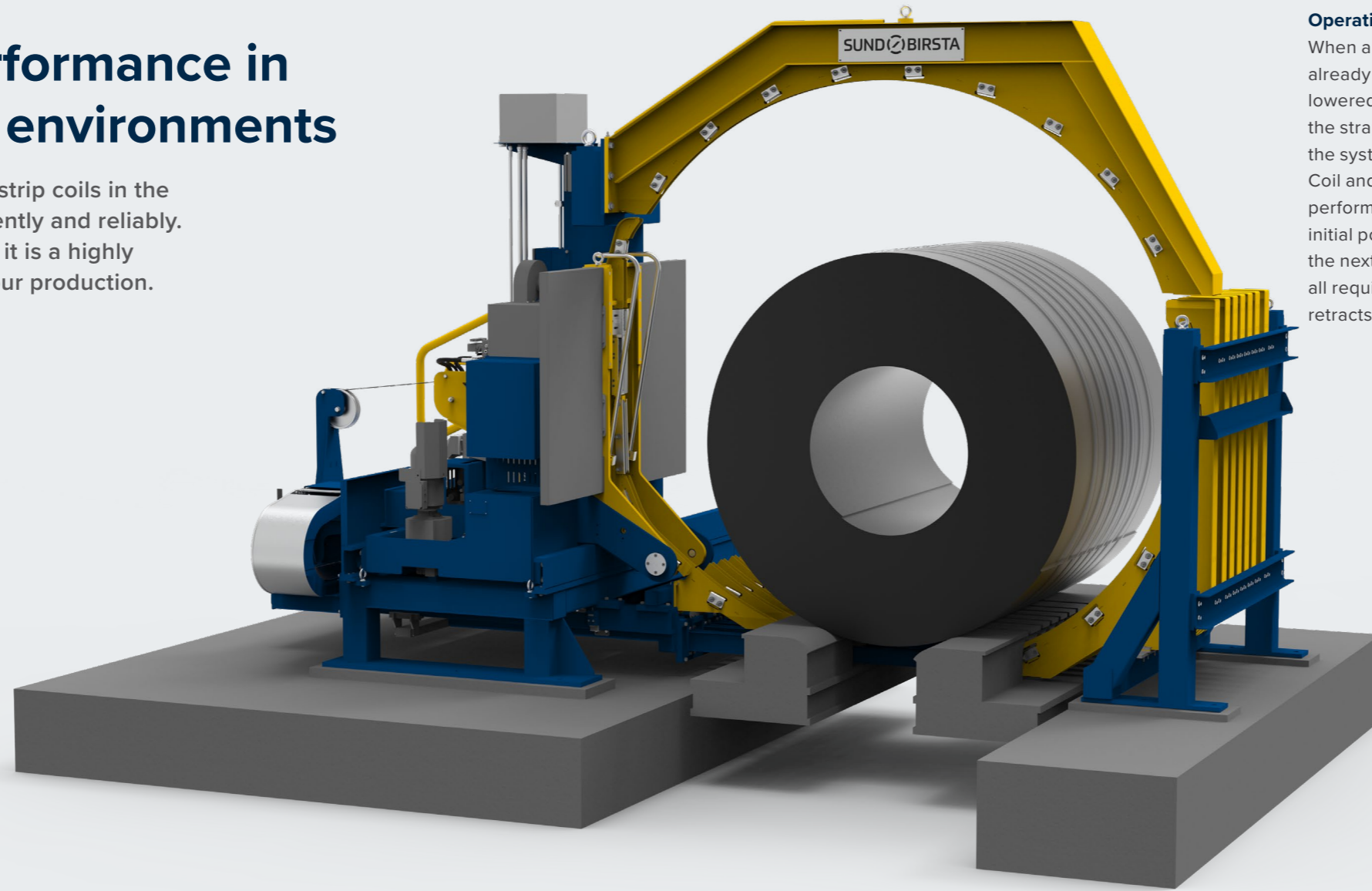
Sund Birsta's wide range of solutions can be found in plants of all types and sizes, all over the world. Like the SMB responsible for strapping strip coils in the most demanding environments.

SMB-M

Our excellent performance in your challenging environments




The SMB-M is designed for strapping strip coils in the most demanding environments, efficiently and reliably. With multiple configurations available it is a highly versatile machine. Ready to handle your production.

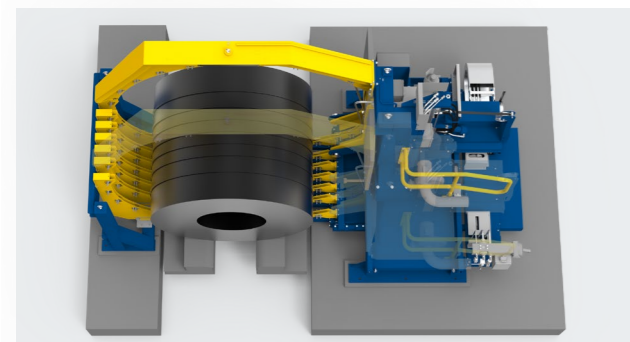
- 
Engineered to last
 With durability in mind, this strapping machine has been designed to withstand harsh industrial environments and remain durable throughout its lifetime.
- 
Versatile
 The machine can be adapted to fit your needs in terms of coil sizes, cycle times, sealing technology, strapping recipes and more.
- 
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.



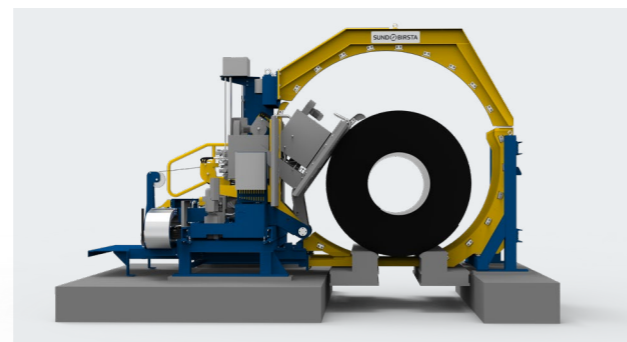
Operation

When a Strip Coil arrives at the strapping position, the strap is already pre-fed in the strap guide system. As the Conveyor is lowered, the lower strap guides moves forward, connecting the strap guide system. The strap is then fully fed through the system, the Strapping Unit is tilted forward towards the Coil and the strap is stretched around it. The Strapping Unit performs the seal, cuts the strap and returns to its upright, initial position. The Strapping Machine moves horizontally to the next strapping position, and the sequence reiterates. When all required straps have been made, the lower strap guides retracts, and the Coil can be further conveyed.

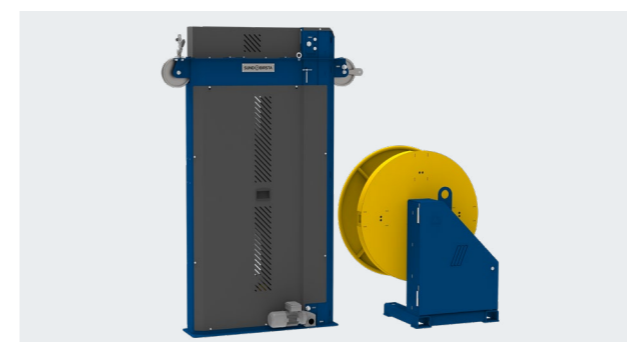
- 
Safety solutions
 Sund Birsta provides customized safety solutions that comply with applicable standards and meet your specific requirements.
- 
Support
 Our dedicated Customer Service team ensures you receive the support you need, when you need it. Your production is our priority.
- 
Remote service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



Adjustable to your strapping needs
 The SMB-M can be equipped with a customizable range of strap guides to fit your specific strapping needs.



Handles a large variety of coil sizes
 A pivoting sealing unit ensures optimal strapping conditions are received, no matter the coil size.



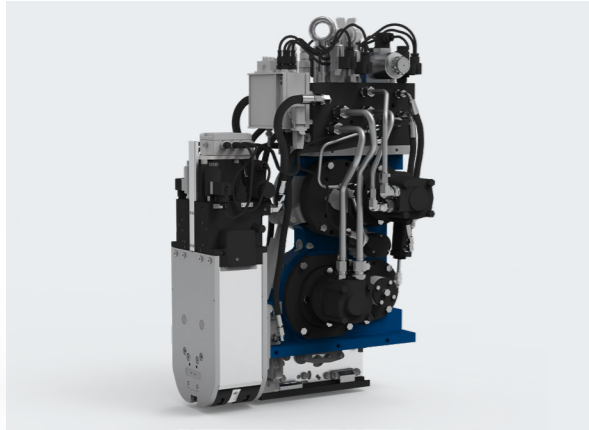
Next generation Accumulator
 Faster, safer and more ergonomic. Discover our new accumulator and improve your productivity.

Technical specification	SMB-M
Material temperatures	Up to 850 °C
Sealing technology	Mechanical or weld
Strap width	32mm
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

SBHXL5

- Sealless mechanical joint
- For 50.8 mm steel straps
- Retains 80% of the steel strap's tensile strength
- Wear parts have a lifespan of up to 80,000 cycles



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