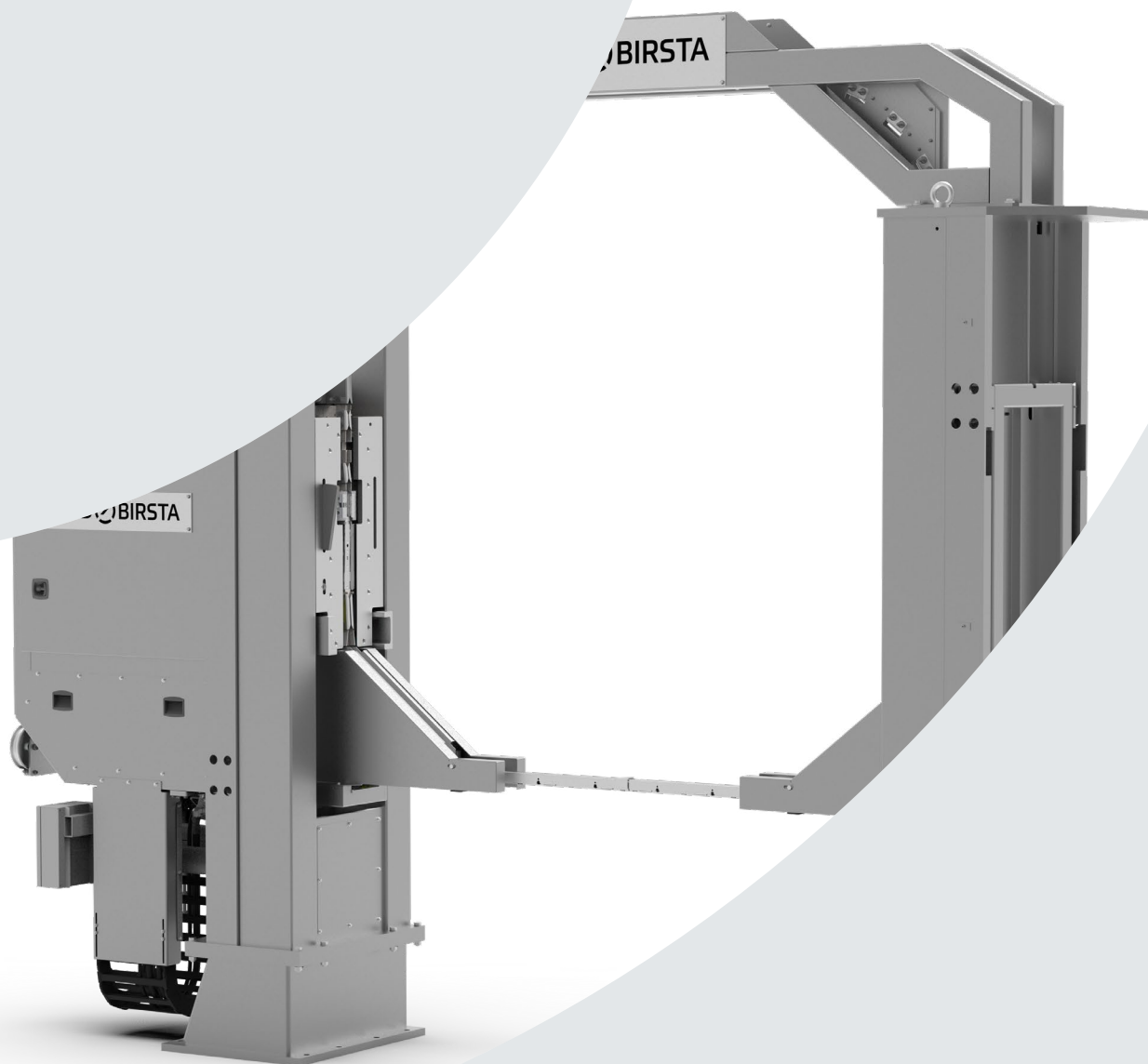


Strip coil

Strapping machine SMB-DC

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.

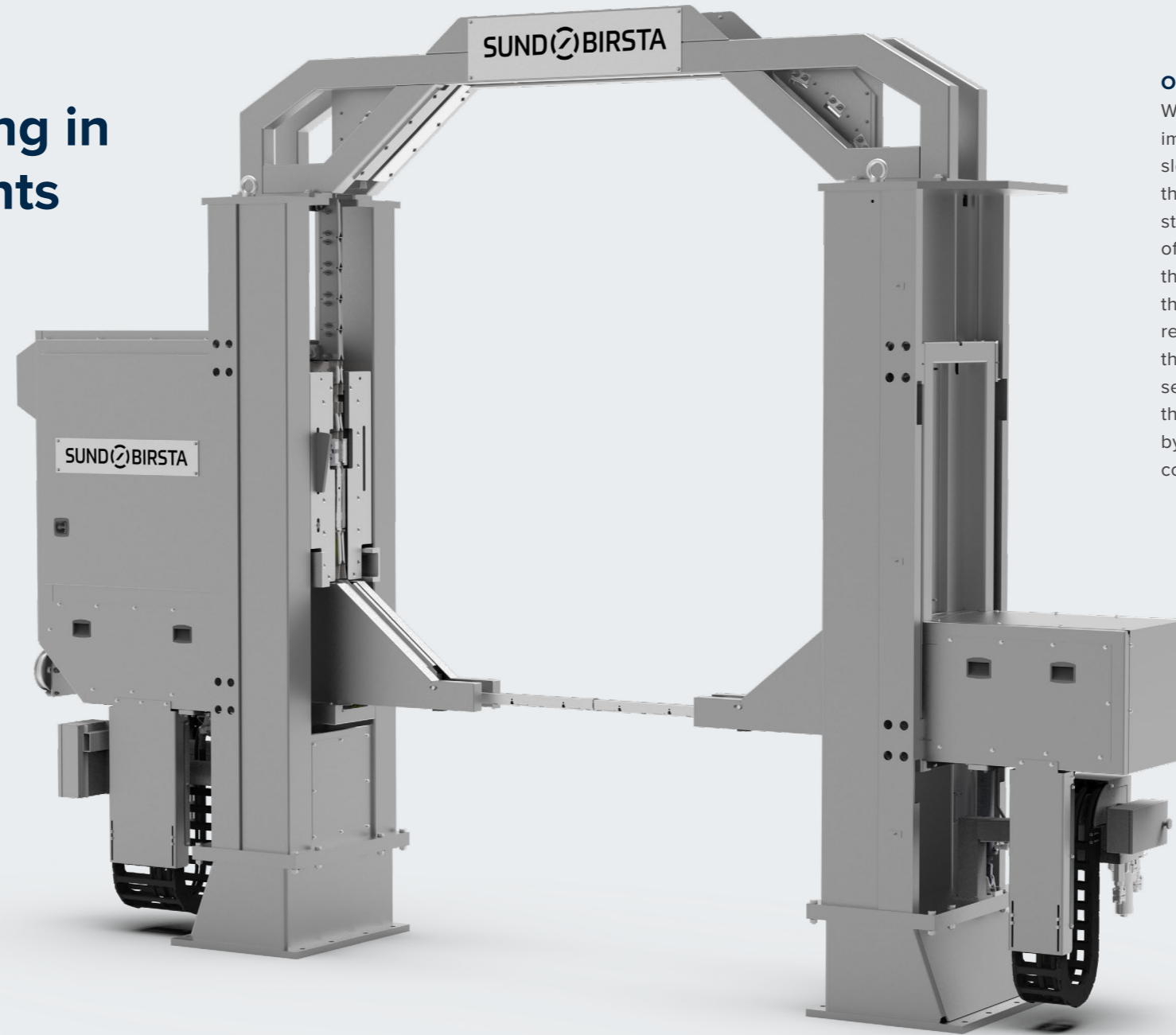
SMB-DC

High-performing strapping in the toughest environments

The SMB-DC Strapping Machine features a heavy-duty design with a galvanized steel frame and stainless steel strap guides, making it ideal for the toughest environments near the downcoiler.



It is made to withstand the toughest conditions possible with extreme temperatures and high moisture levels.

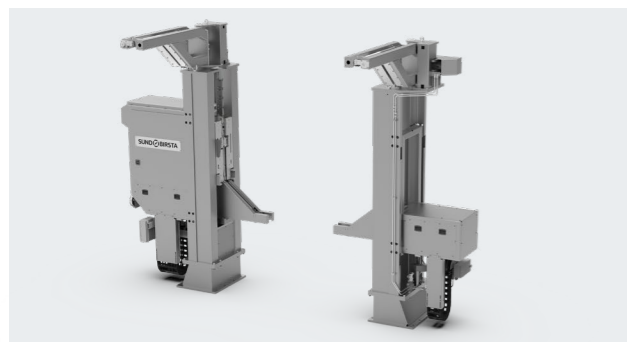
- 
Reliable
 Durable materials and a simple yet innovative design makes this strapping machine very reliable and low maintenance.
- 
Advanced Sealing Technology
 Equip the machine with the strapping head of your choice. Sund Birsta offers a wide selection of strapping heads capable of creating seal-less mechanical joints or welded joints.
- 
Remote service
 The SMB-DC is compatible with our IoT solution, enabling quick and solution-oriented remote support from Sund Birsta's experienced engineers.



Operation

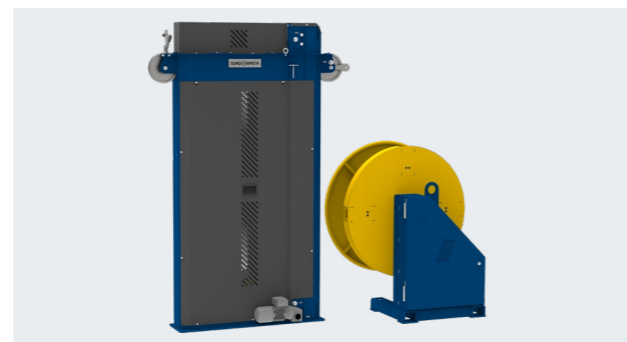
When a strip coil arrives at the strapping position, the SMB-DC immediately positions itself and the strap guides align through slots in the conveyor. Strap is fed through the system and into the Strapping Unit. Once the strap is clamped, the movable strap guides retract, and the Feeding Unit pulls back a portion of the surplus strap while the Strapping Unit centers itself on the coil for optimal strapping conditions. The Strapping Unit then advances towards the coil while the remaining strap is retracted by the Feeding Unit. The Strapping Unit performs the seal, cuts the strap, and retracts to its initial position. If a second strap is necessary to mitigate the spring-back force, the machine can perform a second strap in the same position by repeating the cycle. Otherwise, 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.



Quick access frame

The SMB-DC can be equipped with a hydraulically openable upper frame to allow quick access when needed.



Next generation Accumulator

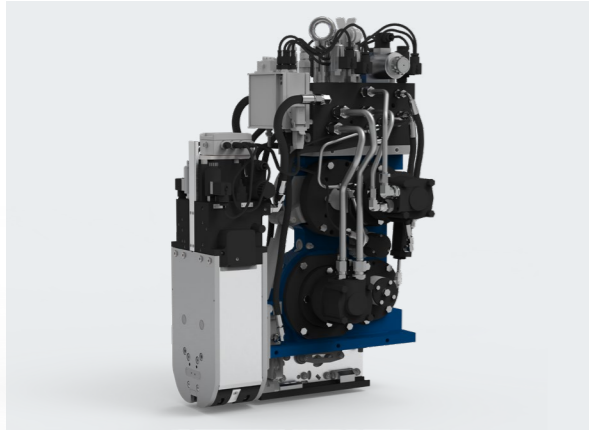
Faster, safer and more ergonomic. Discover our new accumulator and improve your productivity.

Technical specification	SMB-DC
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



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