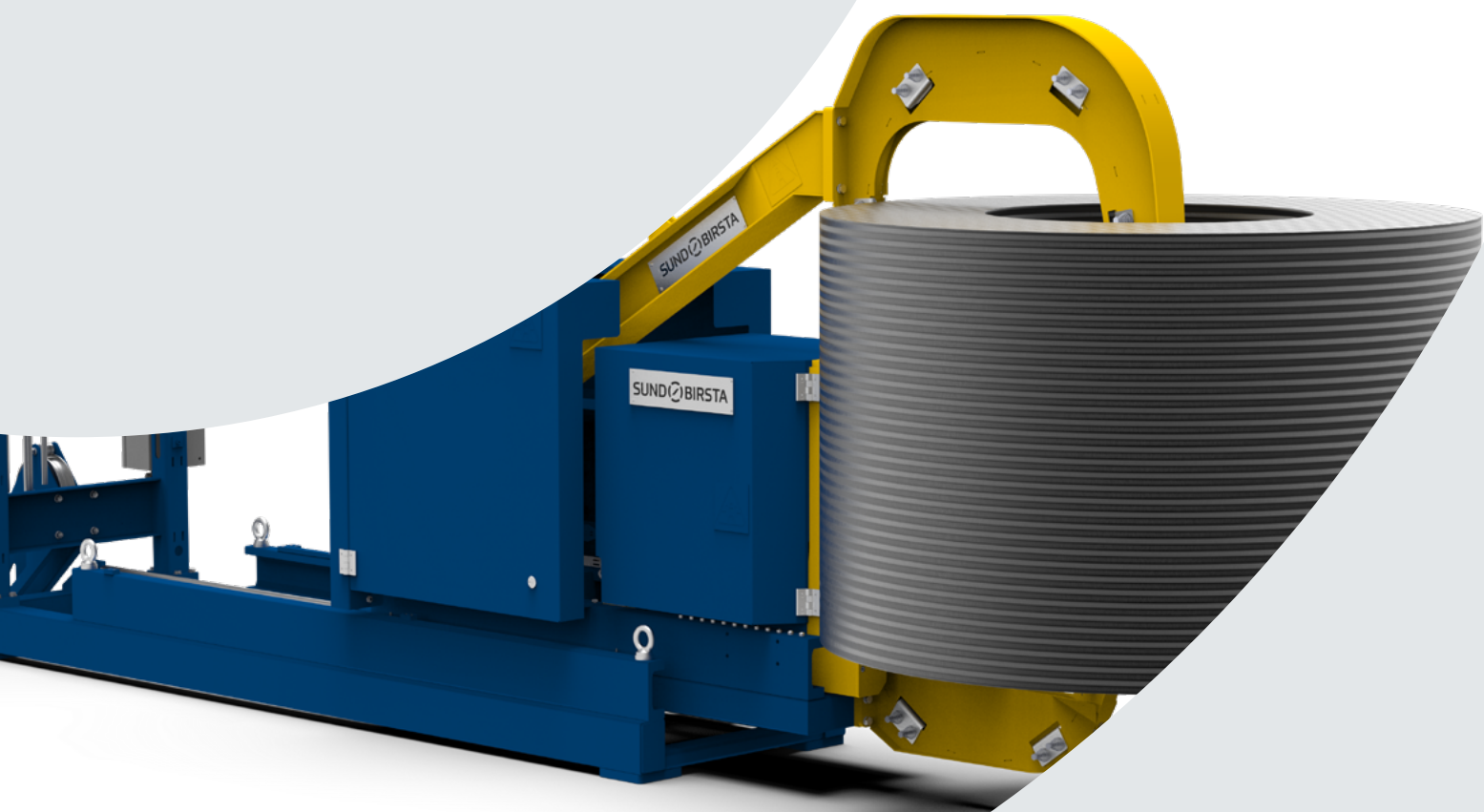


Wire

Strapping machine SMC

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 SMC responsible for strapping small and medium sized wire rod coils, bar in coil and spooled coils in hot or cold environment.

SMC

Strong and tight strapping

The SMC strapping machine is designed to operate in hard conditions and harsh environment. It is designed to resist extreme high coil temperature, up to 800 °C.

Our standard strapping heads is designed for optimal tightness and are creating strong, safe and reliable seals.



Long lifetime

The SMC is a robust and reliable machine with a long lifetime of spares and wear parts.

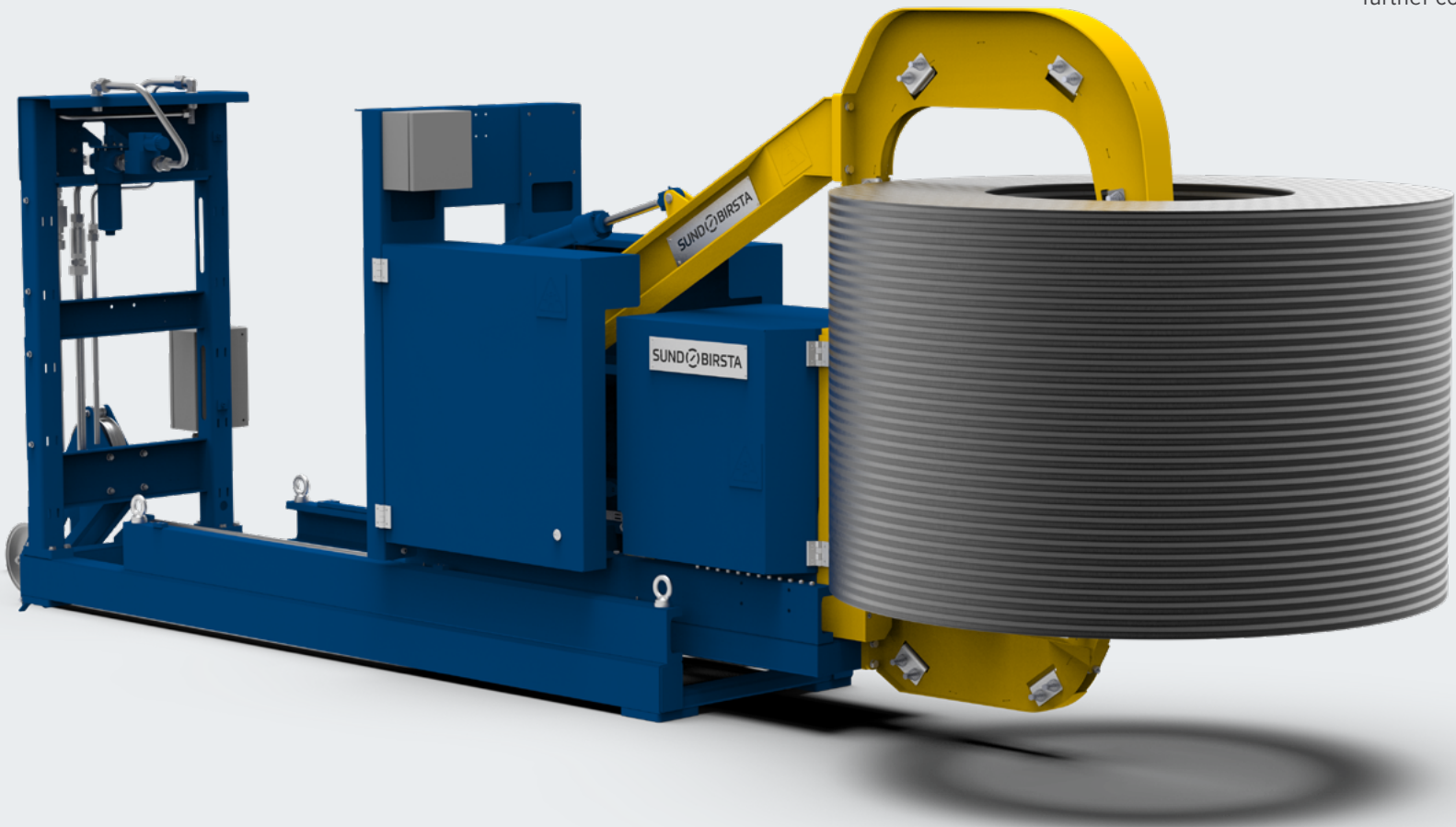


Customizable The SMC is designed to meet customers requirements. You can choose the strapping head after your needs and with the optional tag marking system it makes the machine customizable for the customer.



Low operating cost

The SMC machine have low operating cost.



Operation

As a coil arrives to the strapping position, the strapping machine is in it's rear position with strap guides open. Upon signal, it moves forward toward the coil and closes the strap guides through the eye of the coil. Strap is fed through the strap guides, and the Strapping Unit clamps the strap. The strap is then stretched around the coil, and the Strapping Unit performs the seal and cuts the strap. The coil can now be rotated and another strap can be applied, or the coil may be further conveyed.



Safety solutions

Sund Birsta provides customized safety solutions that comply with applicable standards and meet your specific requirements.



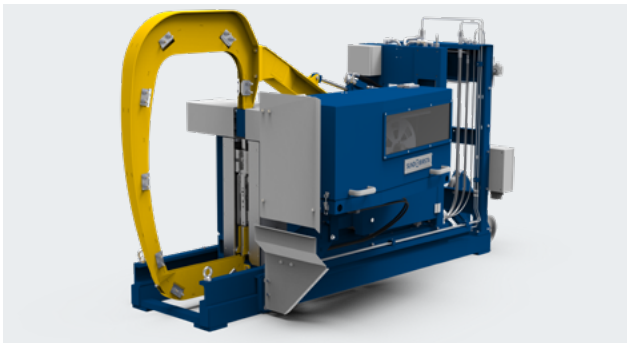
Support

Our dedicated Customer Service team ensures you receive the support you need, when you need it. Your production is our priority.



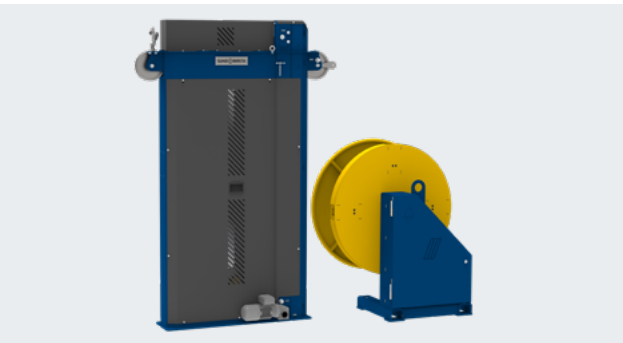
Remote service

The SMC is compatible with our IoT solution, enabling quick and solution-oriented remote support from Sund Birsta's experienced engineers.



Tag marking system

The SMC can be equipped with a tag marking system which applies a tag to the strap containing data about your coil. The data can be customized to your specific needs.



Next generation Accumulator

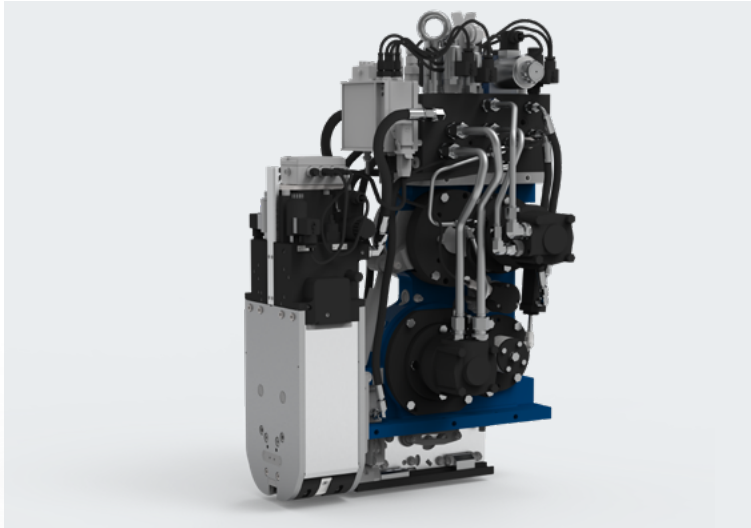
Faster, safer and more ergonomic. Discover our new accumulator and improve your productivity.

Technical specification	SMC
Length (mm)	2850-3500
Width (mm)	830-1170
Height (mm)	1550-1850
Strap width (mm)	32
Coil OD (mm)	950-1600
Coil ID (mm)	Min. 700
Coil height (mm)	600-1100
Strapping time (s)	23,5-36,5
Net weight (kg)	1260-1580

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



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

SUND  BIRSTA

A part of Danieli Group