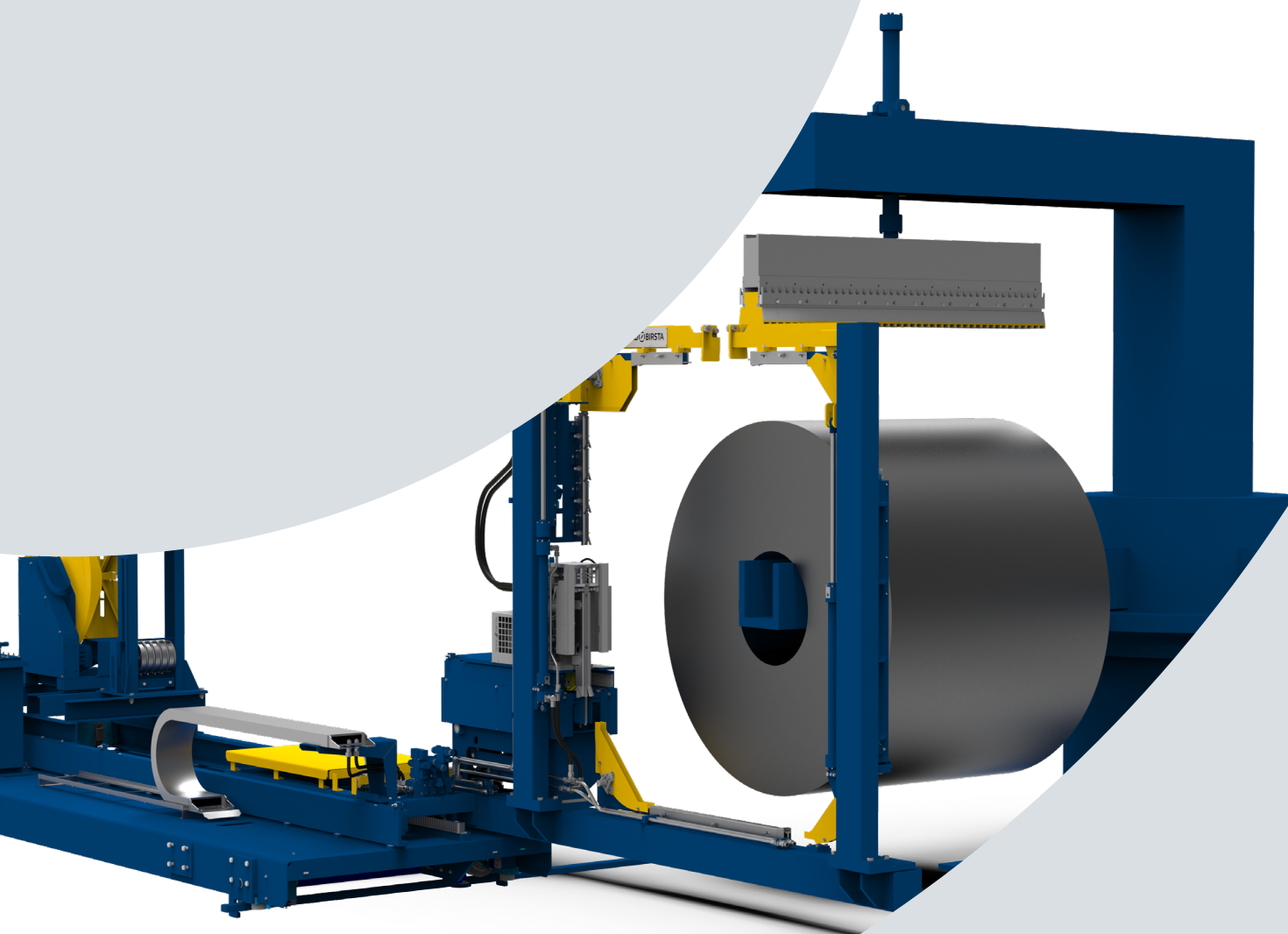


Slit coil

Strapping machine

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.

Reliable strapping for slitted coils

This strapping machine applies circumferential straps to slitted coils. The machine is moveable in and out of the line to allow the unloading car to pass through to the turnstile, and moveable sideways to allow strapping on any position of the coil.



Customizable

The machine can be customized to your specific needs in terms of coil diameter, slit widths, snubber arm design and other existing equipment.



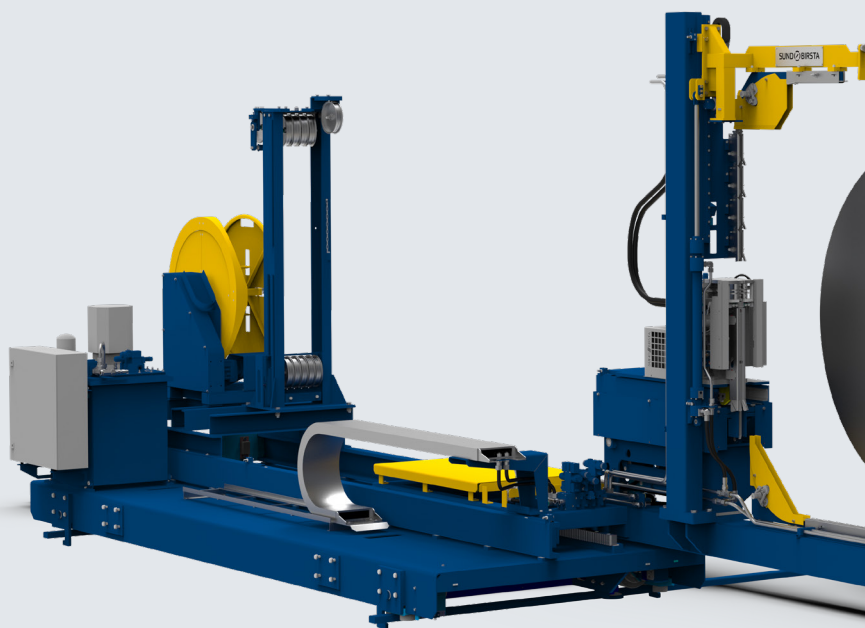
Quick exchanged strapping heads

The machine can be equipped with strapping heads for both 19 mm and 32 mm strap, and it is possible to switch between the pair depending on your production needs.



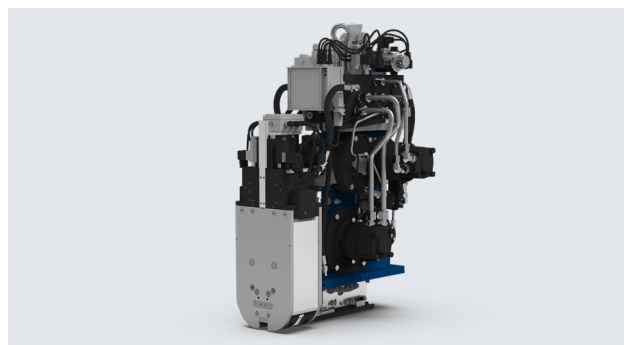
Advanced Sealing Technology

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.



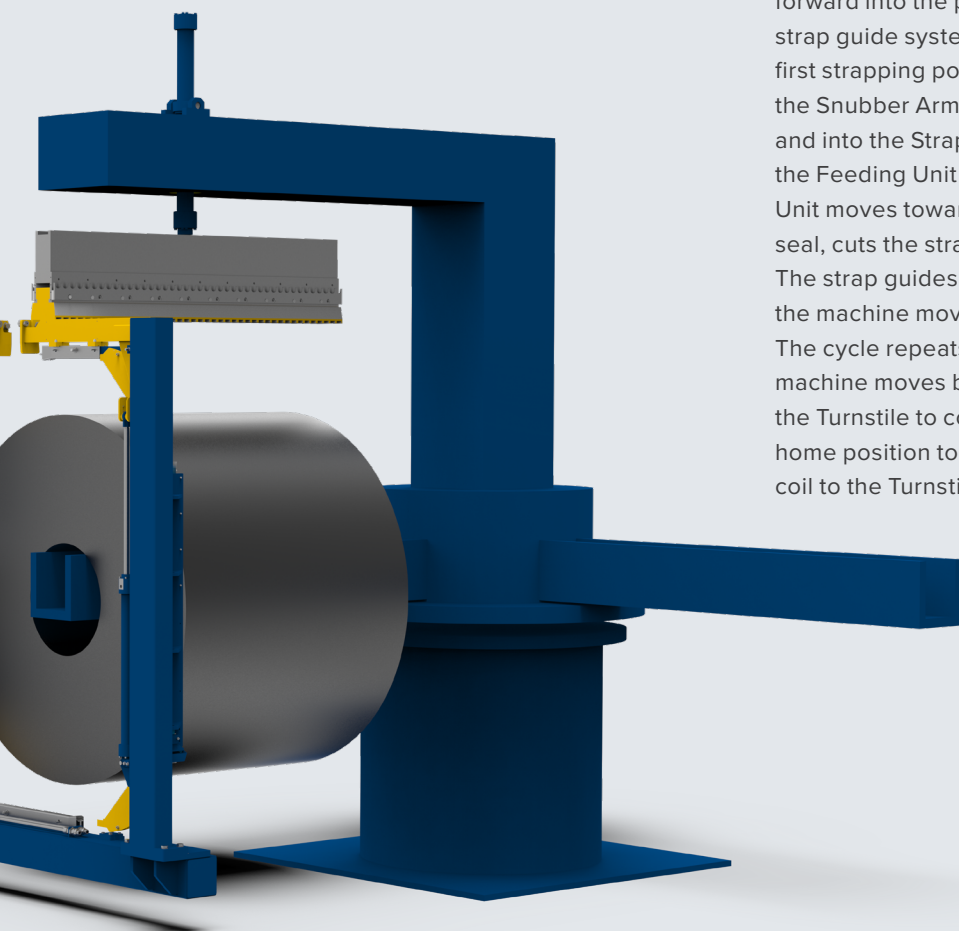
Accurate application of straps

Connecting the strap guide system with the turnstile snubber arm enables accurate strapping.



19 or 32 mm strap

It is up to you – still the brilliant result of Sund Birsta's sealing technology.



Operation

When the coil is delivered to the Turnstile, the machine is in its retracted home position. When the Unloading Car releases the coil and returns to its home position, the machine moves forward into the production line. Strap is pre-fed through the strap guide system and the machine moves sideways to the first strapping position. The strap guide system connects with the Snubber Arm and the strap is fully fed through the system and into the Strapping Unit. The strap is then 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 remain connected to the Snubber Arm and the machine moves sideways to the next strapping position. The cycle repeats until every slit has been strapped, then the machine moves back sideways to release the coil and allow the Turnstile to convey the coil. The machine retracts to its home position to allow the Unloading Car to deliver the next coil to the Turnstile. And so, the cycle repeats.



Safety solutions

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



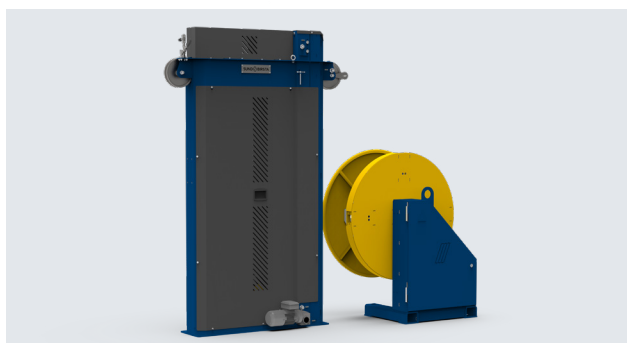
Support

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



Remote service

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



Next generation Accumulator

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

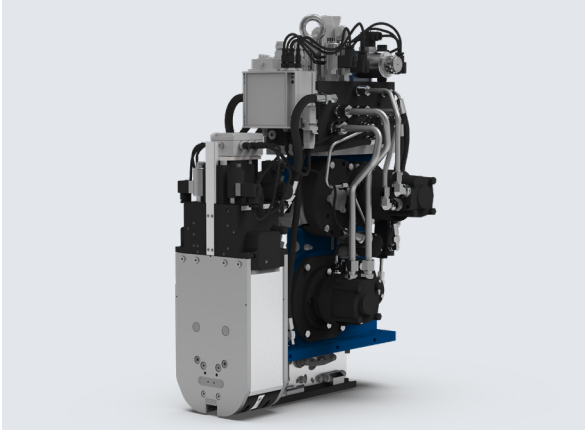
Technical specification

Sealing technology	Mechanical
Strap width	19-32 mm
Coil sizes	Customizable
Slit widths	Customizable
IoT compatible	Yes

Strapping heads

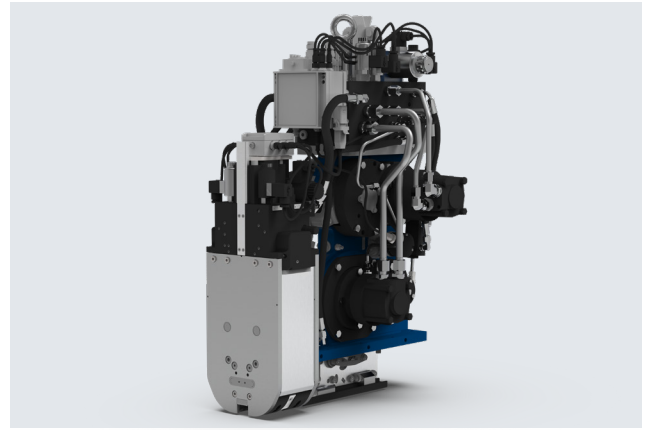
Widest choice of options in the latest strapping technology

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



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