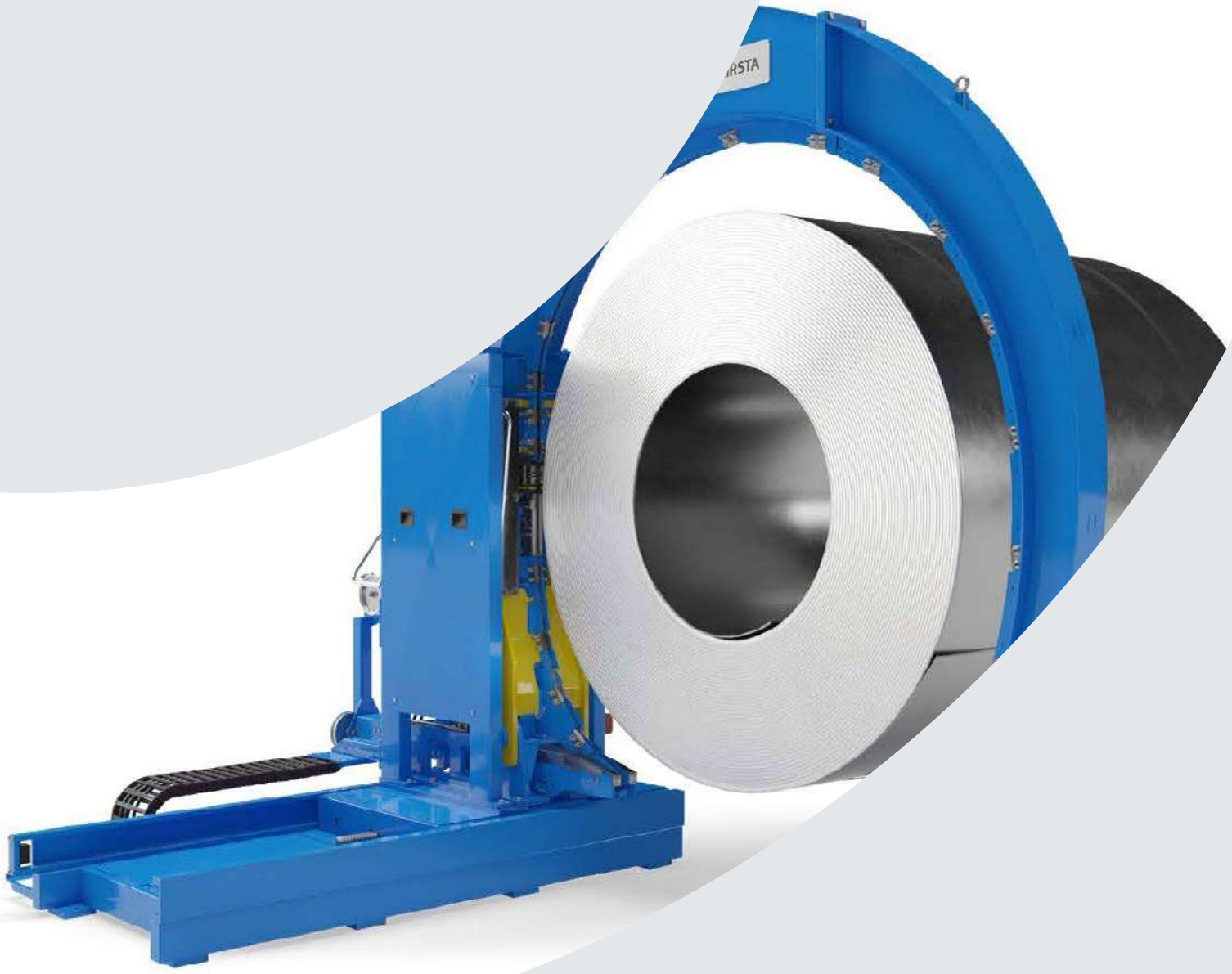
Strip coil

# Strapping machine SMB

Product brochure



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SUNDBIRSTA

# 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.

SMB Strapping Machines

# Highest technology and a wide range of strapping solutions

**The SMB machines can be offered for a wide range of applications, radial or circumferential, from cold to hot and for extremely harsh environment. Based on any of our standard strapping heads we are able to tailor a suitable design for your every need. Keeping the heads same means reliability can be guaranteed even with diverse applications.**

Via the IoT solution our engineers can connect to the machine via internet, this improves the machine-up time.

**Service friendly**
The SMB have a service friendly design to have easy access of wear and spare parts.

**Robust design**
Like all machines and handling systems from Sund Birsta, the SMB is reliable and durable. It is designed and proven for the toughest applications.

**Customizable**
The SMB can be designed according to your needs. It is customizable to give you the best solution.

**Operation**
The SMB machines is designed for mechanical or welding sealing technology. The different versions of the machine can be adapted to specific needs and fitted in to both existing and new mills. The machines can be customized to fit all kinds of coil sizes and be able to apply straps on coils resting on walking beams or coil cars.

**SMB-EV**
The machine can apply several radial strappings on the same coil and rotate automatically between the strap positions.

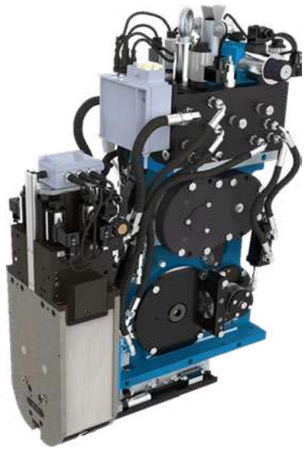
**SMB-M**
The machine can apply several circumferential strappings on the same coil and shift automatically between a number of lower strap guides.

**SMB-E**
The machine can apply radial strapping(s) on the same coil and with support of rollers the coil rotate between positions.

Strapping heads

# Widest choice of options in the latest strapping technology

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



**SBHXS3**
A rebuilding kit for the well established Sund Birsta technology for steel strapping. Enables strapping with 19mm steel strap. Enables strapping on smaller bundles. It is adapted for retro-fit.

**SBHXL5**
This strapping head gives a strap dimension of 50,8mm. The strap thickness is 1,10-1,30mm. Up to 40 000 kN high-force stretching.

**SBHX5**
Up to 200% tighter strap against small bundles. Mechanical seal less notching - 80% of the tensile strength of the steel strap. It has a long lifetime of wear parts. more than 80 000 cycles. High tensile stretch force, up to 20 kN.

**SBHLW**
This is laser sealing technology, it gives you the opportunity to switch to a cheaper strap. It minimizes maintenance and it is reducing material scrapping.

**SBHRW**
This strapping head gives a very tight strap against bundles for critical applications. 4 spot welding joint - up to 90% of the tensile strenght of the steel strap. Lifetime of wear parts - more than 5 000 cycles. High tensile stretch force - up to 20 kN. It has a high feeding and stretching speed up to 2,9 m/s. Easy and safer adjustment via software/automation

**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.

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We increase your productivity.

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