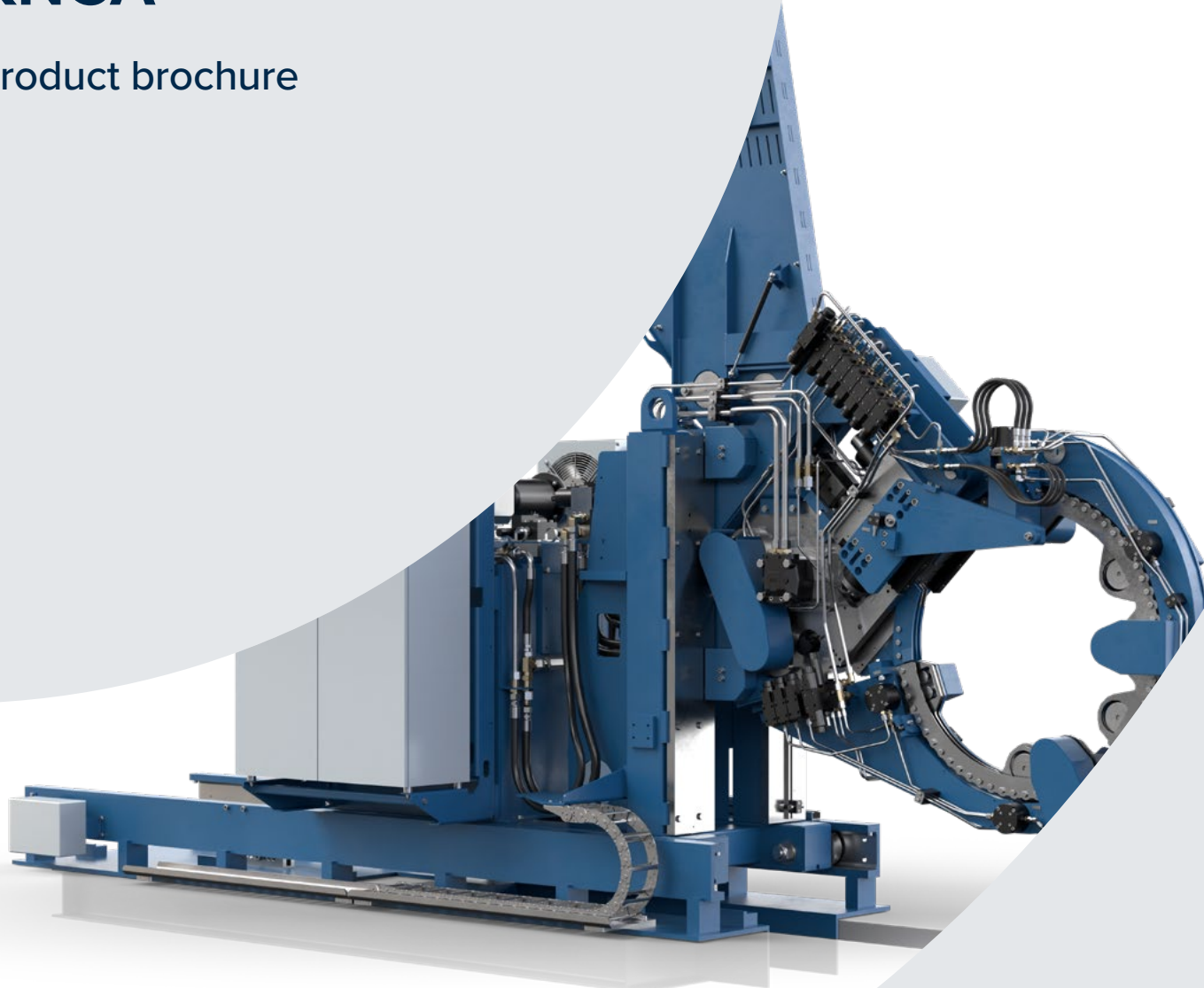


Bar & section

Binding Machine KNCA

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 KNCA, responsible for the bundle depicted on the left.

KNCA Binding Machine

Fast and reliable binding of master bundles

The KNCA Binding Machine is designed for binding large bundles of bars and sections, also referred to as master bundles. The bundles can be round or square, and consist of everything from rebars to h-beams.

With its proven high availability and short cycle-time, the KNCA stands out as a fast and reliable binding machine. Therefore, it's no surprise that it is the preferred choice in rolling mills all over the world.



High quality bindings

The tensioning and twisting operation secures a firm, tight binding around the bundle.



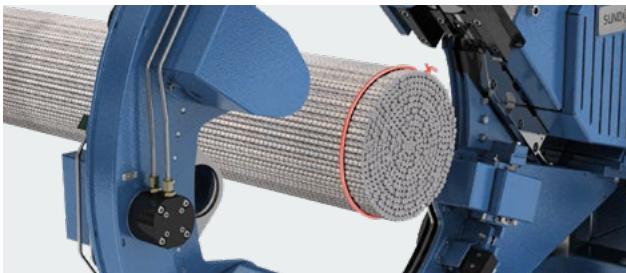
High operational accessibility

The KNCA is designed to make operation and maintenance as hassle-free as possible.



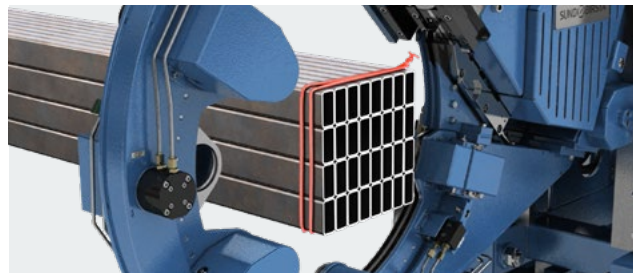
Proven technology

The KNCA is a reliable workhorse in plants all around the world, with high availability.



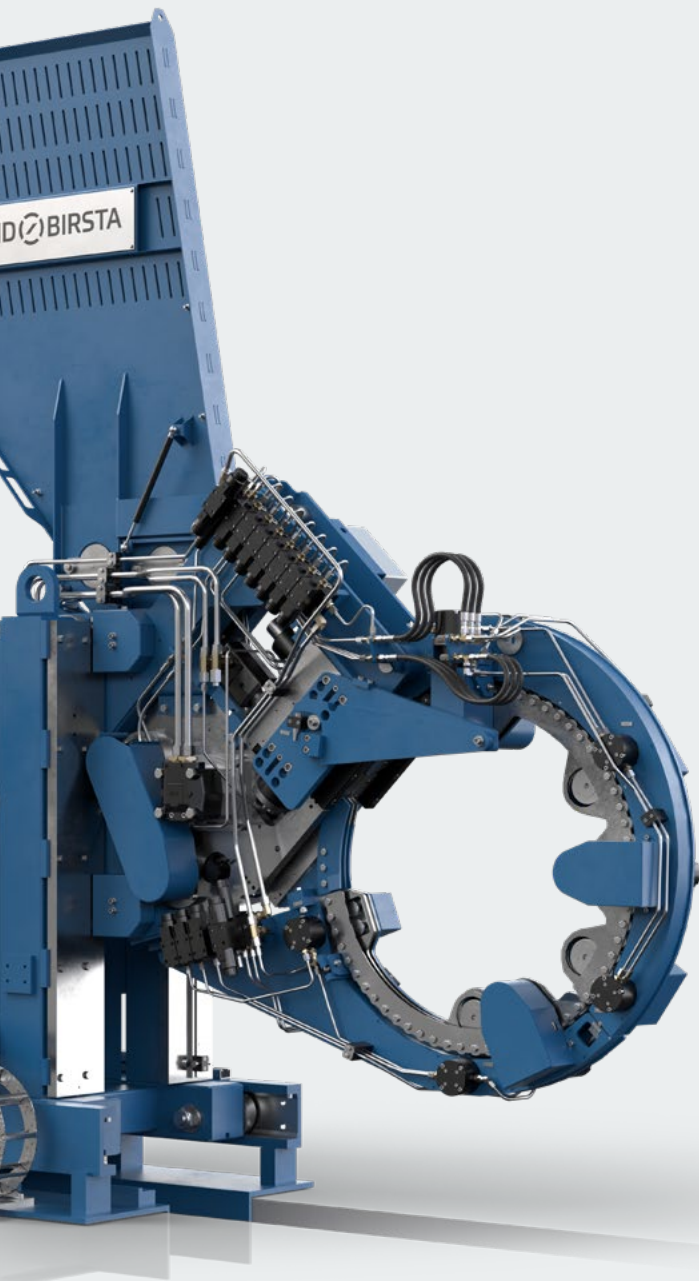
Round and square bundles

The KNCA can produce both round and square bundles, making it a very versatile master binding machine.



Exceptional tightening

By open flaps one after another as the binding wire is stretched around the bundle, the wire can be wound exceptionally tight around square bundles.



Operation

The KNCA Binding Machine is designed for binding large bundles of bars and sections. It's robust, made to perform in harsh industrial environments, giving the machine very high availability. It also requires low maintenance, all of which makes the KNCA capable of meeting the requirements of most producers of large bundles, both in new applications and in existing plants.

As a bundle arrives at the binding position, the wire is already pre-fed into the wire guide system, which proceeds to close around the bundle. The binding wire is tightened, wound together and cut, achieving a tight binding of the bundle.

The machine can also perform double binding, either as two tight laps or as one tight and one loose lap.



Variable binding wire width

The machine can use binding wire of different diameter (6.0–8.0 mm) without any modifications.



Low maintenance

Few wear parts and easy access to service makes the KNCA very low-maintenance.



Robust design

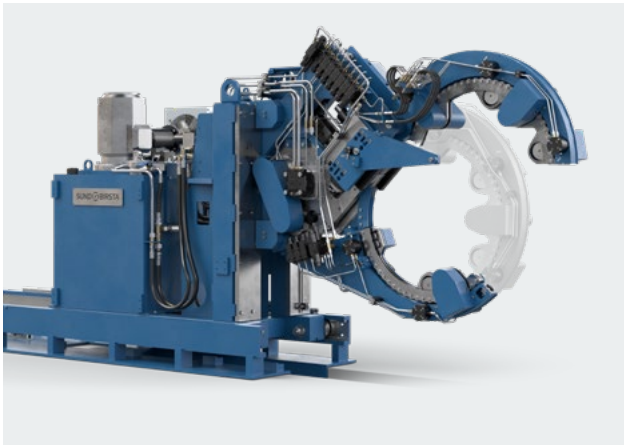
Like all machines and handling systems from Sund Birsta, the KNCA is durable with a long life-span.

Technical specification	KNCA
Length (mm)	4800–5900
Width (mm)	1500
Height (mm)	2700–3200
Binding wire (mm)	Ø 6–8
Bundle size (mm)	Ø 150–1050 / □ 150–1050
Binding time (s)	5–16.5
Net weight (kg)	3100–3400

KNCA Binding Machine

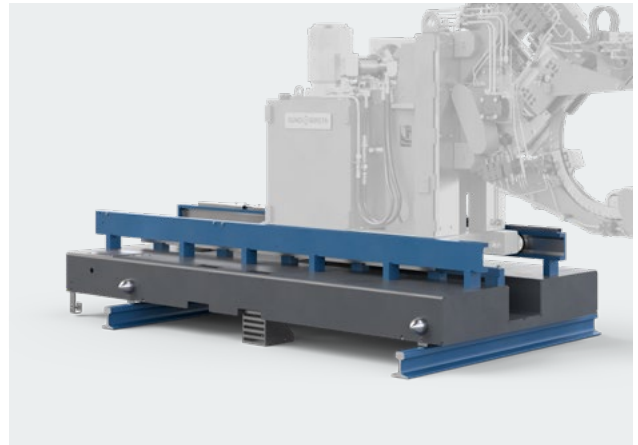
Options and customization

We offer both standard and custom solutions, based on your specific needs. Here are some of the options available for the KNCA.



Wire guides that can be opened

Thanks to the wire guides being able to open, the KNCA can receive material both from the side and the front.



Carriage

By adding a carriage, the KNCA can be moved between several binding positions.



Remote service

With the Sund Birsta IoT solution, our specialists 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 available 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 sizes and types.

We increase your productivity.

sundbirsta.com

SUNDBIRSTA

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