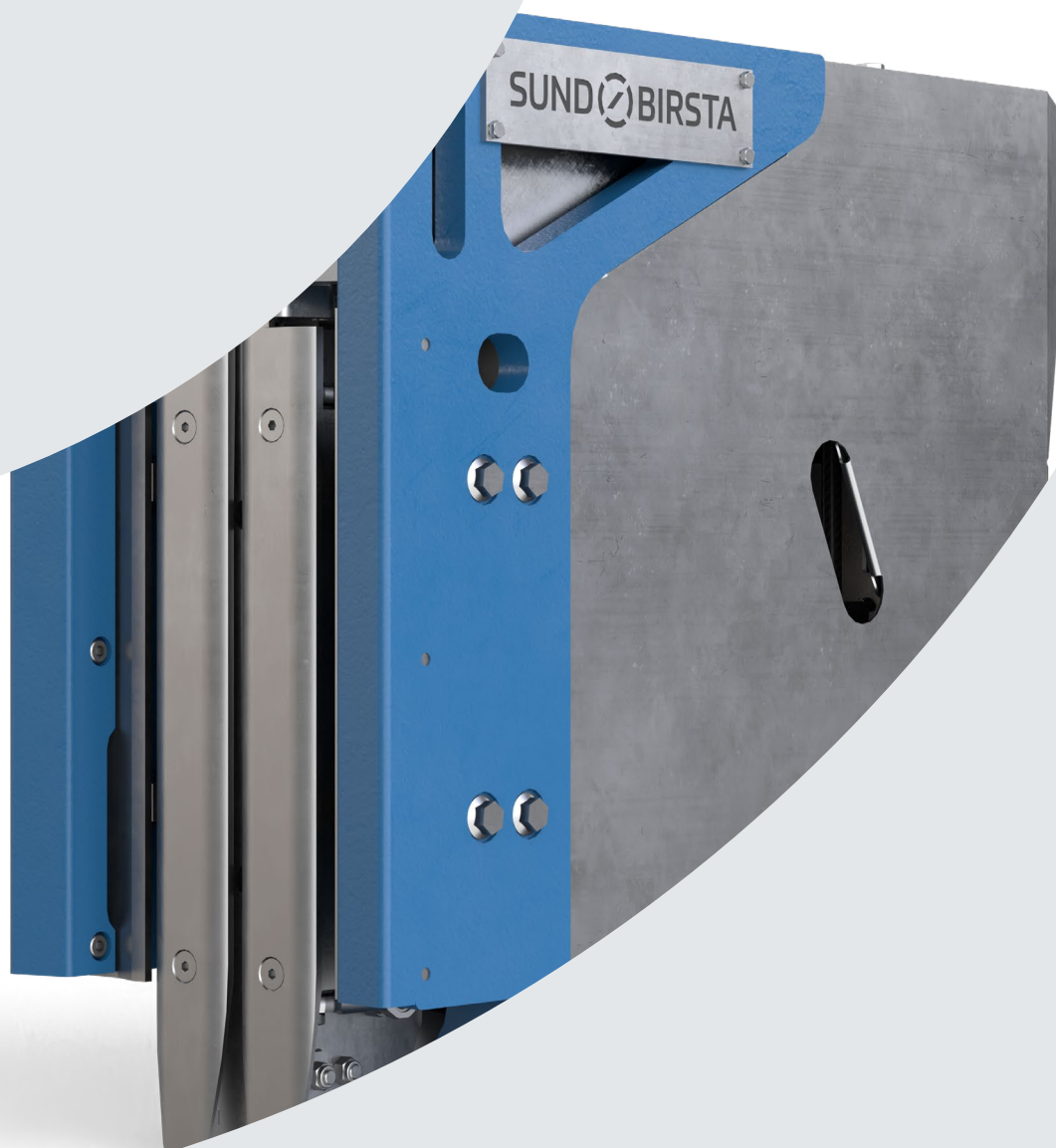
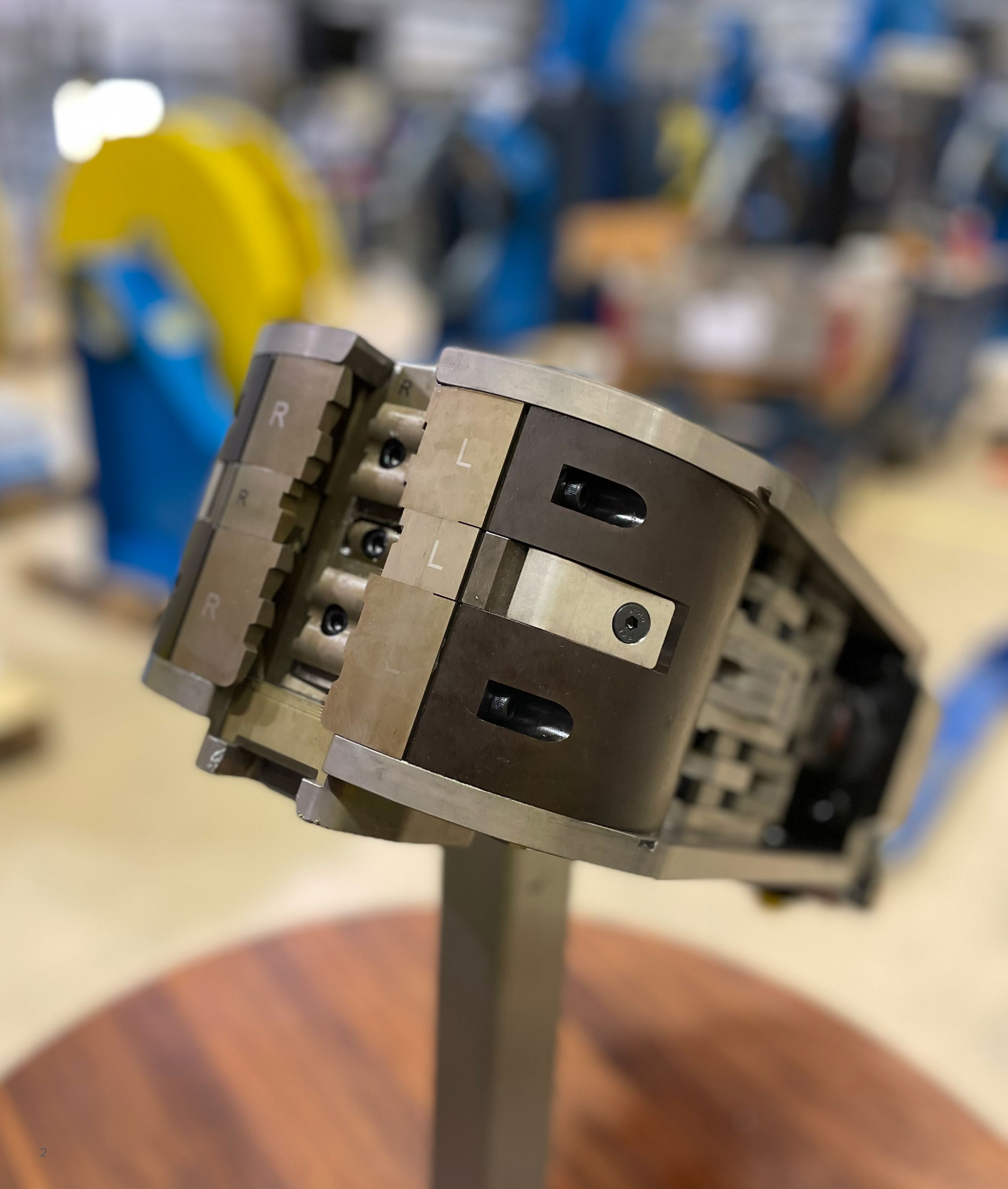


Strapping machine upgrade

Strapping Unit

SBHX5





Introducing the SBHX5

The SBHX5 strapping head holds the latest technology of Sund Birsta's mechanical joint seals, consisting of its modern design feeding- and sealing unit. The SBHX5 technology has its roots from its predecessor SBH5, where the development has focused on improving durability, availability and service access to lower the down time during production when replacing wear parts.

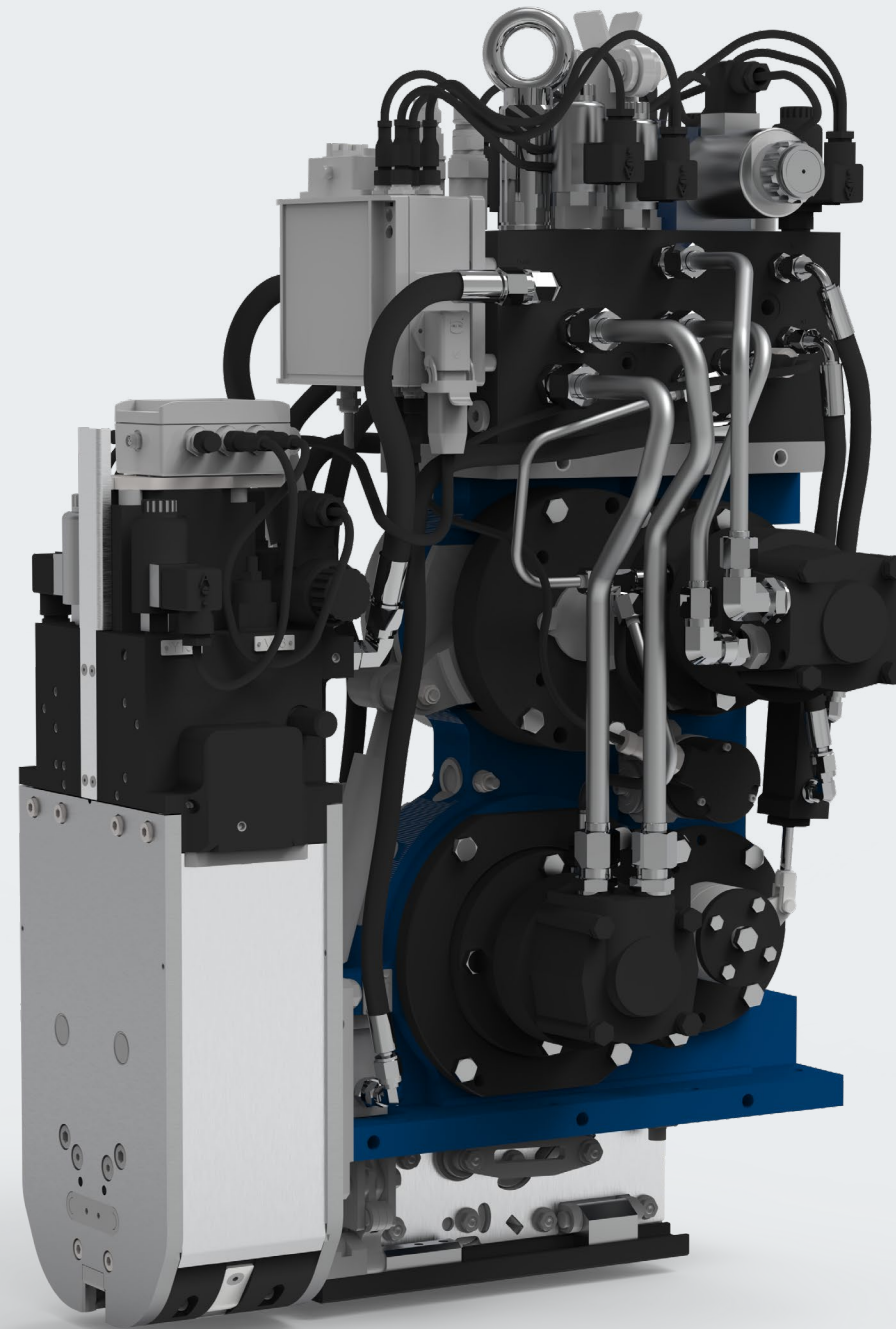
The SBHX5 entered the market 2012 and has since then been a game changer for many customers and a common preferred option when ordering a new strapping machine.

SBHX5

Description

The strapping unit performs a punched strap joint without any additional clamps or seals. This will substantially reduce both maintenance requirements and costs compared to traditional sealing techniques. The strapping head is of very high quality and designed for long service life of the wear parts. It's joint seals have a tensile strength of 82-83% of the base material and will under normal use perform up to 100.000 strapping operations before replacing the jaws.

Our equipment is designed for use within the steel industry, with all aspects of high temperatures and harsh environment. The strapping unit is designed for simple maintenance with few moveable parts and long life cycle.



Core benefits

- Can easily be fitted into existing strapping machines
- Tight strap against small bundles
- Design that ensures high availability
- High tensile force up to 20 kN, software adjustable
- High feeding and stretching speed up to 2,9 m/s, software adjustable
- Service-friendly design with easy accessibility
- Low cost per sealing, no additional materials such as clips
- Up to 100 000 sealing per set of wear parts
- Improved user interface
- Short cycle time, from 8,5 seconds

Easy access

The most critical part of a strapping machine and the one part that receives most stress is the sealing unit. If the seal starts to fail the machine must be put out for service that will, depending on machine type and brand, need a lot of time. The SBHX5 solves this problem by its easy access design of it's punches/dies that enables quick replacement that can be done within 15 minutes.

Strapping unit Main components



Patented sealing unit

Patented tight sealing design. It has a design that ensures high availability and a service friendly design with easy accessibility. It has a intergrated hydraulic channel construction which means that less hoses is needed.

Optional dust protection with compressed air. You can replace the seal punches/jaws within 15 minutes. High personal mechanical safety.



Feeding unit

It is designed to ensure high reliability. It has a service friendly design with easy accessibility. Remove side covers to access critical parts such as feeding wheels and rollers.



Strap guide

Heavy duty design. Adjustable straightening unit. It has a service friendly design with easy accessibility. Quick removal and installment on feeding unit. Clean blowing cut outs.

SBHX5

Upgrades



Exchange programs

One of the biggest challenges steel producers face is keeping the production running without interruption and to achieve that the machines must be kept in a good condition. Apart from using high quality equipment preventive maintenance is the main solution.

For the SBHX5 Sund Birsta have a beneficial exchange program ready for the customer to join, where they can simply order a refurbished SBHX5 sealing unit or feeding unit to replace with their existing units. Quick and easy. By this way the customer will always feel secure that the units are at top condition. Replacement can be planned to synchronize with the annual maintenance stops that usually happens once or twice a year. The strapping head is easy installed/removed thanks to its simple design.

Upgrade your equipment

Sund Birsta has a great experience in upgrading existing strapping machines or compactors with a SBHX5 strapping head, no matter what brand used. This is mainly enabled due to its well developed control system that is installed on the unit that demands only 24/vdc power supply and profibus interface to activate its functions. Only small modifications are necessary to existing machine software. If the machine uses an older control system based on relay's/ telemechanical, it can be equipped with a connection box that uses relays to receive and send signals through an interfacemodule prepared by Sund Birsta. Only to connect and run.

If you are curious to see the possibilities you have to upgrade your existing equipment, Sund Birsta is prepared to give you more information and a indicative offer.



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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