

Wire

Compactor PCVA

Product brochure





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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 PCVA Compactor, responsible for compacting (and binding/strapping) the coil on the left.

PCVA Compactor

Efficient vertical compacting

The PCVA Compactor is designed to efficiently compact wire rod coils in rolling mills. It can be adapted for a variety of applications and equipped with wire binding or strapping systems.

Building on proven Sund Birsta technology, the PCVA is an accurate, reliable and low-maintenance vertical compactor.



High availability

The high availability of the compactor increases productivity and reduces costs.



Proven technology

Building on proven Sund Birsta technology, the PCVA is a reliable compactor in plants all around the world.



Long life span

The robust design and construction of the PCVA makes the machine reliable and durable.



Advanced Human-Machine Interface (HMI)

The human-machine interface of the PCVA features operational information as well as information on preventive maintenance and fault finding.



Internet of Things (IoT)

With the PCVA, you have access to powerful analytics from anywhere, thanks to our comprehensive built-in IoT solution.



Operation

The PCVA Compactor is designed to compact wire rod coils with a pressure of 100–400 kN. It consists of a movable press plate, a roller conveyor, and four units for wire binding or strapping.

High availability and easy access for maintenance are features making the PCVA a cost-effective investment.



Small footprint

The vertical design of the PCVA makes it ideal for plants where floor space is scarce.



Easy access to service

Protection covers are easy to dismount, giving good access to maintenance of the machine.



Variable pressure

The pressure of the PCVA Compactor can be adjusted steplessly between 100 and 400 kN.

High availability

The high availability of the compactor increases productivity and reduces costs.

98%

availability of
the compactor.

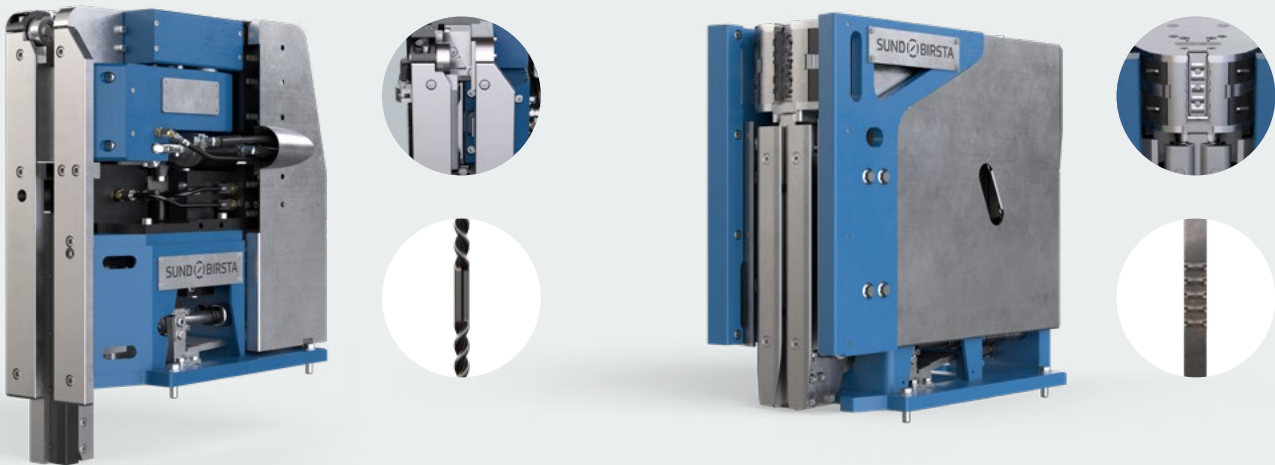
| Technical specification | PCVA |
|------------------------------|----------------|
| Height (mm) | 7500–7900 |
| Width/depth (mm) | 5900–6600 |
| Binding wire (mm) | 6.3–7.3 |
| Binding strap (mm) | 0.8 / 1.0 x 32 |
| Max. coil weight (kg) | 4000 |
| Min./max. pallet height (mm) | 3200–4700 |
| Min. cycle time (s) | 44* |
| Net weight (kg) | 29300–33500 |

*Depends on machine size and coil size.

PCVA Compactor

Options and customization

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



Wire binding

The KNB binding head makes a strong, parallel twisted knot with no protruding ends. It has a well-proven design, known for its reliable performance.

Strapping

The SBHX5 strapping unit punches five pairs of seals: four lock seals and one security seal. The SBHX5 is a high quality unit with long life-span, designed for easy access to maintenance.



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.

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