Automatic Labelling Station

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 Blrsta's wide range of solutions can be found in plants of all types and sizes, all over the world. Like the Automatic Labelling Station, responsible of tagging wire rod coils.

Automatic Labelling Station

Automatic labelling with instant quality control

The Automatic labelling station is designed with focus on high availability, high accuracy and low service level. The system assures a high consistent quality. The level of quality parameters is optional by client, such as outer diameter, inner diameter measurements. If all bindings/straps are in place. The quality data can be stored for track history.

it has an integrated coil inspection system. The camera system creates a 3D point cloud which is used as a quality control and verification that the coil is up to accepted level to be tagged.

Self-contained unit
The automatic labelling station is a self-contained unit, which can be an option for new handling systems or installed in existing equipment.

High availability
The high availability of Sund Birsta machines increases productivity and reduces cost.

Easy installation
The automatic labelling system is designed to easily integrate both in new equipment or in existing as an upgrade.

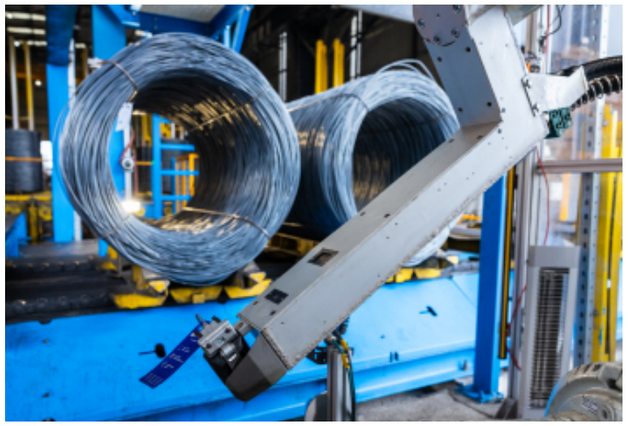


Operation
3D scanning with robot detects all possible positions for tagging. The fastest and most available positions is chosen by the system. Within 2 seconds the the applicator unit creates a wire loop that applies to tag the coil. After the tag is attached to the coil the system verifies that the tag has been attached to the coil. As an option the verified data can be stored in an OPC server as a quality assurance.

Fits into existing plants
The automatic labelling station is a perfect fit, both in new applications and in existing plants.

Low maintenance
As the system is delivered with a complete service package, wear parts, spare parts, service and design updates are included. This sets a low cost of ownership and assure a high accuracy for the function.

Robust design
Like all machines and handling systems from Sund Birsta, the automatic labelling station is reliable and durable.



Applicator unit
The applicator unit is designed for quick change and the strong design makes it reliable. It has it's own cooling system, and sensitive equipment such as camera system are well protected. The applicator unit is a part of Sund Birsta's exchange service system for making sure to achive highest availability. This for avoiding non-planned stop and reduce number of service activities.

Technical specification	Automatic labelling station
Binding wire (mm)	1,8
Loop diameter (mm)	55-67
Binding time (s)	2-4
Net weight (kg)	1000-1500

* Standard application, and depending on selected operation sequence

We increase your productivity.

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