



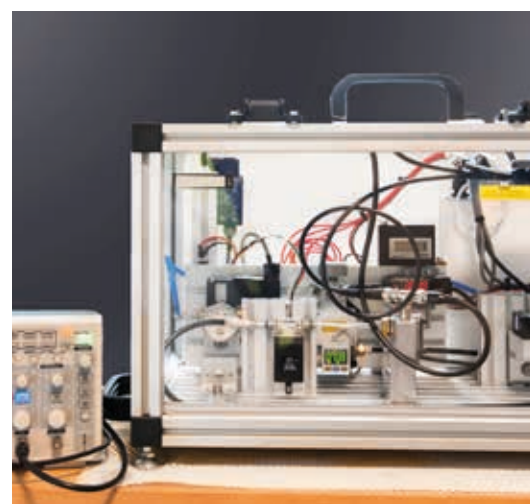
INNOVATION AND R&D OUR FUTURE

We are your partner for special requirements,
at your side developing together.

At voestalpine Precision Strip AB we always accept a challenge. Our Innovation initiatives are moving our business into new product areas and markets. Redefining the limits of what is possible.

The R&D department in Munkfors ensures continuous enhancements in the product and process areas. We are your preferred partner for your special requirements, at your side supporting your product development. Our strength lies in the combination of the latest technologies and our experienced workforce.

As part of the voestalpine Group, we control all essential quality parameters, starting from the specific selection of steel grades which perfectly suit your applications. Whenever new demands for new applications require it, we can develop project-specific alloys together with our customers.



With the latest technologies and equipment we can offer product specific:

- » Impact fatigue testing
- » Fracture studies
- » Wear profiles and angles
- » Full material analysis
- » XRD and SEM studies

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voestalpine
ONE STEP AHEAD.

PREPERENS / Perst. City/typsk. i Karlstad / Photo: Fotografilium / Illustration: Graphics



uddeholmstrip

PRODUCT FOLDER
COATER
DOCTOR BLADES

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ONE STEP AHEAD.

COLD ROLLED STRIP FOR THE PAPER INDUSTRY

voestalpine Precision Strip AB supplies cold rolled, hardened and tempered strip steel for the paper industry. We supply semi-finished coater and creping blades for blade manufacturers but also blades ready for use by the end customers.



The "Q" and "S" images represent rotational movement, the dynamic flow process, continuous production and the efficiency of the paper & board machine. This compliments the "line" as our blades. The goal is to match the exactness of the line with the fluidity of the process.

Our program includes both steel and thermal coated coater doctor blades. We supply both blade material and finished products to doctor blade manufacturers and end users i.e. paper mills.

voestalpine Precision Strip, with the uddeholmstrip® brand, offers customers coated products with a superior life time, stable production with less vibration and reduced production down time. Resulting in overall productivity gains and reduced production costs.

The entire manufacturing route from steel substrate to coating and grinding is done in house, enabling full control of the end product. This gives outstanding mechanical properties and dimensional consistency providing excellent performance on machines especially at high production temperatures.

Productivity & runability

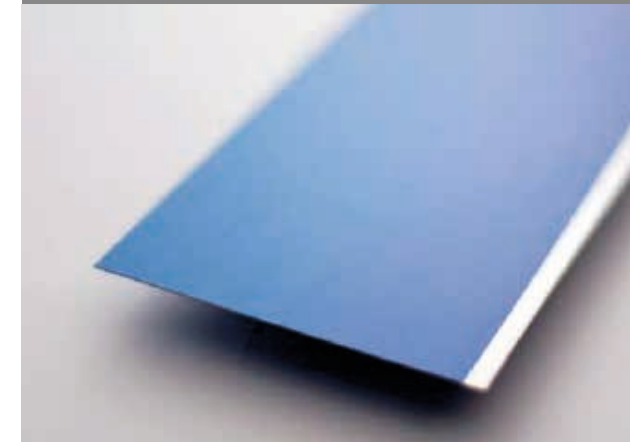
- » **Exceptional runability performance with our high quality coater blades**
- » **Higher wear resistance for fewer blade changes**
- » **Overall productivity gains and reduced production costs**

Paper & board quality

- » **Improved profiles and PPS values**
- » **Consistent coat weight**



Q-COAT



Range of thickness: 0.305 mm to 0.657 mm
Range of width: 60.0 mm to 100.0 mm

Multiple bevel options on the blade edge with a superior ground surface. Our coatings include carbide, ceramic and customised powder options.

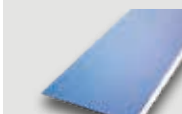
Our aim is to offer the customer the perfect blade. With our state of the art equipment and ownership of the full process route from producing the steel to finished blade, we guarantee superior blade quality.

uddeholmstrip® offers a full range of coater blades from standard steel to highest quality coated materials.



Q-COAT C

- Ceramic coated blade
- High carbon steel substrate
- Long stable production runs
- Excellent heat resistance



Q-COAT T+

- Carbide coated blade
- High carbon steel substrate
- Excellent PPS value
- Long stable production runs



Q-COAT ST+

- Carbide coated blade
- Martensitic stainless steel substrate
- Excellent properties with enhanced corrosion resistance
- Long stable production runs

S-COAT



Range of thickness: 0.305 mm to 0.657 mm
Range of width: 60.0 mm to 100.0 mm

STEEL COATER BLADES

Standard steel coater blades offering superior performance at reasonable cost.

S-COAT S

- Martensitic stainless steel blade
- Excellent properties with enhanced corrosion resistance

S-COAT C

- High carbon steel blade
- Excellent value for money

SPECIAL COATER BLADES

uddeholmstrip® is unique in producing coater doctor blades made from patented high alloyed steel grades with optimised wear resistance and the best coating performance available from a steel blade.

S-COAT L+

- High alloyed steel
- Excellent lifetime

S-COAT V+

- High alloyed powder steel
- Superior strength and hardness at high temperatures
- Longest available lifetime from a steel blade