

RETROFIT SOLUTION

SKIN-PASS-STATION

Improves the properties of your end product!

The specialist for your roll forming technologies

Ever since it was founded in 1949, DREISTERN GmbH & Co. KG has always set exceptional standards in the field of roll forming. We have established ourselves as one of the market leaders worldwide through the application of the very latest technologies in roll forming machines, our comprehensive know-how concerning roll forming units, and our ability to provide complete process integration. More than 2,000 units from DREISTERN are in use, producing more than 8,000 different profiles, more than 40 patents have already been applied for.

We work for companies from these sectors, among others

- Automotive & transport
- Electrical industry
- Construction industry
- Storage & logistics
- Furniture industry
- Roll forming plants

CONSISTENT THICKNESS AND NARROWER TOLERANCES

The finishing of cold rolled steel strips primarily serves to generate constantly consistent thickness and narrower tolerances. With this process, the quality of the strip is decisively improved, thereby guaranteeing the desired properties of the end product. This is essential when producing precision profiles.

With the development of the stand-alone DREISTERN skin-pass-station, you have the opportunity to achieve an optimum result from your existing strip material, from your roll forming process and thus from your end product.

MATERIAL GAIN

Extension of the strip by up to 5% during the finishing process is a positive side-effect. This means more quality parts can be produced from one coil. An economic aspect not to be underestimated, which is also sustainable and saves resources!



NEW - NOW ALSO AS RETROFIT SOLUTION

Alongside its self-developed and produced, process-integrated skin-pass-stations, DREISTERN now has a retrofittable variant in its product program as well.

Your advantages at a glance:

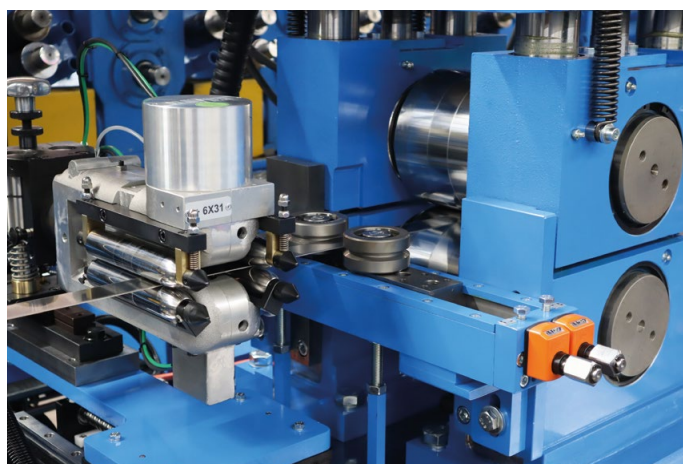
- Saves resources through
>>> material gain
- Process security through
>>> Reduction in thickness fluctuations
>>> Compensation for unilateral strip cambers
- Costs reduction through
>>> cheaper material purchasing

BENEFITS AND POSSIBILITIES

Alongside a compact design, the skin-pass-station has automatic strip thickness monitoring and a control for the prescribed setpoint for finishing medium and long-term strip thickness fluctuations.

The higher goal is to roll a panel from an initial thickness to the desired end thickness. The benefit here is that thickness fluctuations are equalised and a coarser tolerance range can be turned into a narrower one. Equally, it is possible to compensate for a consistently unilateral strip camber by positioning the servo drives.

The amortisation time for the DREISTERN skin-pass-station is under 2 years!



TECHNICAL DATA

Roller diameter	170 mm
Admissible rolling force	160 kN
Strip width	max. 100 mm
Tensile strength max	Rm= 400 N/mm ²

The max. finishing gauge depends on various factors. We will be happy to examine your specific requirements in detail.

Benefit from our
roll forming expertise

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ROLL FORMING ENABLES
ENERGY EFFICIENCY!