

PRETREATMENT OF LITHOGRAPHIC STRIP

The vertical system's extremely compact design sets it apart from other system types. Aluminum strip is fed through a vertical tunnel in loops by driven rollers.

Zones can be shut down individually, enabling the system to adapt automatically to varying line speeds, which minimizes coil waste. The combination of squeegee rollers and pre-spray bars minimizes the bath carry-over, significantly reducing water consumption. The waste water is purified by means of an environmentally friendly demineralization system and ultra-filtration, and fed back into the process.

Next, the wet strip is dried in a dehumidified air dryer, which cools the air to remove moisture via condensation, and cooled to room temperature.

Benefits

- Compact, maintenance-friendly design
- Resource-efficient operation
- Standardized parts for reducing construction time and investment costs
- Spray tunnel is vapor-proof and under negative pressure
- Use of low-maintenance spoon nozzles with a large bore

Technical data

Line speed	max. 500 m/min
Strip thickness	0.12 - 0.5 mm
Strip width	760 - 2,100 mm

Design

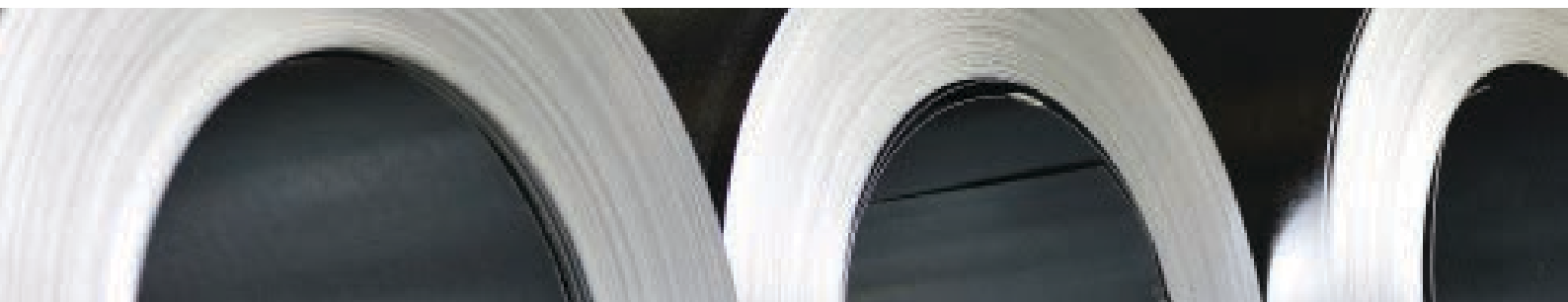
Zones	vertical
Dryer	2 zones, vertical, temperature-/humidity-controlled
DI system	Ion exchanger

Location

Reference plants	Germany, China
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Lithographic coil cleaning.



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