



PRETREATMENT OF AUTOMOTIVE STRIPS

Thick process materials, such as those used in the automotive industry, are pretreated in horizontal strip processing lines, which are often integrated into annealing lines.

Special cleaning procedures are required before the material can be further processed. Following annealing, the coil has a temperature of around 170°C. It must first be cooled to approximately 50°C, before undergoing alkaline cleaning and acid pickling. After conversion treatment, the strip is heated to 130°C and re-coiled while warm.

Benefits

- Compact, maintenance-friendly design
- Simple replacement of rollers from the side, without cutting the strip
- Excellent accessibility for maintenance thanks to electrically operated platform
- Efficient use of water for operation, thanks to spray bars that can be switched off in groups, regardless of line speed
- Vapor-proof design of covers with shock absorbers and water collectors protects plant and operators from chemical vapors
- Low-maintenance, easily removable spray bars with large, clog-free, spoon nozzles
- Automatic strip feed

Technical data

Line speed	up to 60 m/min
Strip thickness	0.5 - 2.5 mm
Strip width	600 - 2,050 mm

Design

Zones	horizontal
Dryer	Forced-air dryer

Location

Reference plants	Germany, France
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Pretreatment of coils for the automotive industry.



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