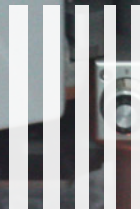




Stretch levelling

For optimal flatness



Stretch levelling - ensures optimal flatness for cut-to-length material

Inhomogeneous rolling temperatures produce work hardening

Many coils show high internal stresses after hot rolling. The main reason: during the rolling process in the steel mill, a homogeneous and optimal rolling temperature is not always achieved. The edge area of the coil usually cools down faster during the rolling process. If rolling then takes place despite temperatures in the edge area being too low, work hardening and thus one-sided elongation of the material and edge waves will occur. This causes problems during further processing by the end customer. Difficult positioning of the welding seams, damage to the laser cutting head during blank cutting, etc. are possible consequences.

Stretch levelling ensures optimal flatness

The mechanical-technological properties are influenced and changed by stretch levelling on our system. The additional stretch levelling with the Fagor system creates an optimal flatness of the debarked material, which would not be possible by rolling alone. At the end of the process, the material is subjected to its own counter-testing in our laboratory. This also ensures that the agreed customer specifications are met.





Extract from the product range

The product range from the Nürtingen plant includes sheets, slit strip and straightened bars. Products suitable for stretch straightening are summarised here in the sheet metal delivery programme.

Sheet metal delivery programme			
	Thickness	Width	Length
Sheets	2.5 – 15 mm	600 – 2,150 mm	800 – 16,500 mm
Grades*	DD11 – DD14 / S 235JR – S 650MC		
Surfaces	pickled, unpickled, brush finished		

*Higher grades on request

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We are certified:

You can find an overview of our current certifications
on our website www.knauf-interfer.com