

Sethi steel catalog

in large quantities (from approx. 5,000 linear meters) and with high precision. It is highly cost-effective since traditional downstream processes can all be integrated into the one roll-forming process, so steps like punching, embossing, clinching and adding thread inserts no longer need an expensive secondary operation.

The input material is a flat strip of steel, stainless steel or a non-ferrous metal of high strength, which is mostly wound in coils of different widths. The process of roll forming (also referred to as cold rolling or roll profiling) involves passing this strip through a sequence of modular pairs of rollers and forming the desired cross-section at room temperature. Each pair of rollers performs a further step in the shaping until the desired profile shape is achieved.

We provide an economic alternative if your aluminum profile does not meet the tight tolerances or requires costly further processing such as tapping or the placing of punch nuts.

Does your application demand even more complex cross-sections? We make it possible because we have taken roll forming to another level and also produce strip thickness-optimized, variable-height profiles or linear flow split profiles:

The mobility of today is an interplay of many puzzle pieces that fit together very precisely: R& D, joint product development, production technology, quality and logistics. Steel profiles from Welser fit perfectly into this network and impress customers with high-quality solutions from the very product idea to series production readiness.

We implement the jointly developed profile shapes in a way that is particularly economical by perfectly combining diverse, proven and modern manufacturing processes. In our production facilities, we manufacture the ready-to-install parts and parts for assembly, and supply our customers “just in time”.

In order to generate additional benefits for you, we have optimized and further developed our established processes: Strip thickness optimization and Linear bend splitting/Linear flow splitting.

All products such as supporting pipes, edge and frame profiles for the formwork industry or trays for scaffolding are manufactured precisely to your specifications. This often eliminates the need for costly reworking, so we are able to keep costs and effort low for you.

Contact us for free full report

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