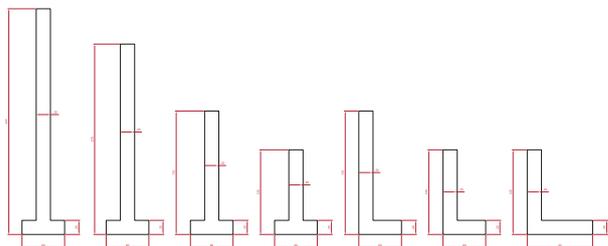




## Curtain Wall Project with tailored Sections



<b>Profile:</b>	<i>tailored T-Sections &amp; Angle Bars</i>
<b>Material grade:</b>	<i>mild steel</i>
<b>Execution:</b>	<i>Laser fused</i>
<b>Industry served:</b>	<i>Architecture, Building &amp; Construction</i>
<b>Destination:</b>	<i>Germany</i>



For the new Head-Quarter of the German Company Hahn+Kolb, a marketing company for tools and machines, the Sigrid Hintersteiner Architects were nominated for the design.

The project was for a building complex in Ludwigsburg in Germany on a surface area of 48000 square meters, giving space to the sales offices with 8000 square meters and 300 workstations, a technological centre and a modern logistics centre with 11000 square meters and

540000 storage bins positioned up to 16m height.

The modern designed Head Quarter was going to include high end green technologies for heating and cooling as well as exploitation of solar energy for electric power production.

For the particular façade a special tailored curtain wall system was needed. Mullions and transoms in steel were designed in two different shapes. T-sections and angle bars in different dimensions according to the façade specific requirements.



Both were produced by cutting flat stripes from steel plates and laser fused to the shape, resulting in Montanstahl pleasant and appealing sharp edged curtain wall sections. The profile's width is designed to stay within the junction width of the glazing panels, thus being invisible from the external. The depth of the section is established by the structural values needed. But also section with an

important depth do result pleasant due to the neat and clearly defined shape and the sharp edges guide the view towards the outside, taking advantage of curtain walls made with steel sections that allow significant tall heights and large spans.

The different sections were supplied precision and, were requested, also mitre cut for easy and quick installation on site. The sand blasted surface of the profiles gave a nice and pleasant outfit, and the bars had only to be painted in order to be protected against corrosion and rust formation.

