

YOUR PARTNER FOR MANUFACTURING SHEET METALS

ESSER

Competent, Flexible and Reliable – Your Partner for Sheet Metal Processing

As a supplier in the field of sheet metal processing we offer you a wide variety of processing possibilities.

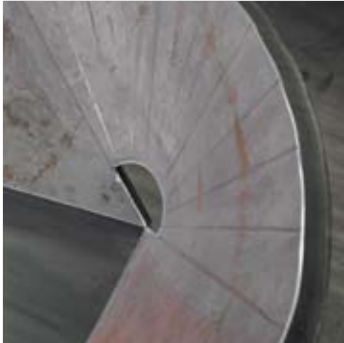
Whether you require simple shear cuts, precise press breaks for profiles, complex laser contours with elaborate hole patterns, or even welded assembly groups with extensive post-processing and surface finishing – we will react flexibly and with all the competence gained in over 20 years of experience to meet your requirements.

With our range of laser cutting and press braking possibilities up to 12 000 mm, there will be almost no limits regarding the dimension of component parts.

Our flexible processing capacities allow for the cost-effective production of single parts as well as small series and larger production lots.

Customer orientation is not just a buzz word for us – our employees have years of experience and are familiar with the latest production methods. They use all their expertise and make any effort to fulfil the wishes and expectations of our customers with respect to quality and delivery dates.

We are only satisfied when you are.



A Complete Offer – More than just Technology

Our continuous investments in machinery, buildings and infrastructure enable us to consistently expand our production facilities to meet the rising demands of the market.

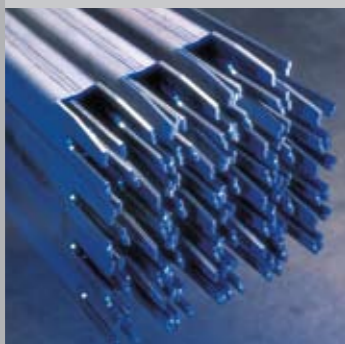
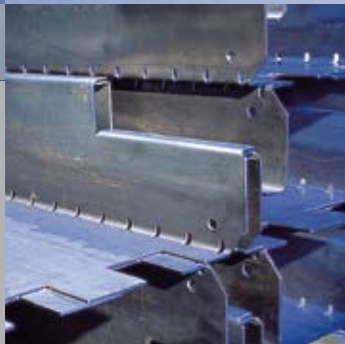
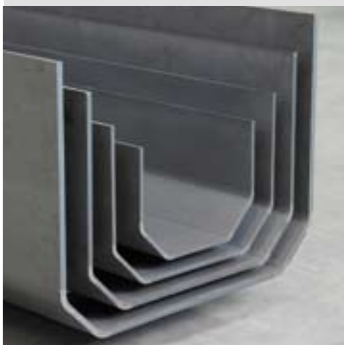
As a competent partner of renowned companies at home and abroad, we supply e. g. to the following branches of industry:

- ▶ machine-building and apparatus engineering
- ▶ extraction technology
- ▶ steel and container construction
- ▶ environmental and sewage technology
- ▶ construction machinery and utility vehicles
- ▶ facility construction
- ▶ shipbuilding and waggon construction.

We will be glad to assist you with the proper configuration of your construction, right from the design phase. In this way we will help you to find the option which is most cost-effective and at the same time meets all constructive requirements.

Working together as business partners means to us that we will be also organising freight logistics for you.

Through our own forwarding agent we will guarantee a proper delivery at the agreed time.



Manifold Requirements – Always the Right Method

For many requirements, a shear cut is still the most efficient cutting-off process. Our hydraulic plate shears allow for precise cuts up to a length of 6100 mm and a thickness of 10 mm.

Highly dynamic laser cutting machines enable maximum precision up to a format of 3000 mm in width and 12000 mm in length. We will cut sheet metals with a thickness of up to 25 mm in steel and 20 mm in stainless steel (oxide free, of course).

The outstanding edge quality allows in most cases a subsequent welding without rework. Complicated hole patterns can be produced economically, independently of the lot size. The signing of crack lines, markings and auxiliary lines for the following work steps make this method even more cost-effective.

With our hydraulic CNC-operated press brakes with work lengths between 3000 mm and 12000 mm and pressing forces between 800 kN and 20000 kN, we have the right answer to nearly all requirements. A number of special tools enable the production of complex profiles as well as processing high-strength and wear-resistant sorts of steel.

Our range of offers is completed by the production of entire assembly groups with certified welders and skilled engineer workers. For possible further surface treatments such as wet and powder coatings or galvanising, we work with long-time partner companies.





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Technical Data

CUTTING

Length up to 6 100 mm

Thickness up to 10 mm (steel)

LASER CUTTING

Format up to 3 000 x 12 000 mm

Thickness steel: 25 mm max.

Thickness stainless steel: 20 mm max.

Thickness aluminium: 10 mm max.

PRESS BRAKING

Working lengths: 3 000 to 12 200 mm

Pressing force: 800 to 20 000 kN

FURTHER PROCESSING

Welding (MIG, MAG, TIG),

drilling, counterbore milling, thread cutting,

preparation of weld seam,

surface finishing.

Certifications

Quality management according
to DIN EN ISO 9001: 2000

Manufacturer qualification for welding
of assembly groups according to
DIN 18800-7: 2002-09 class C
(»Limited Form of Verification«)