



DESIGN, PRODUCTION, ASSEMBLY
OF STEEL CONSTRUCTIONS



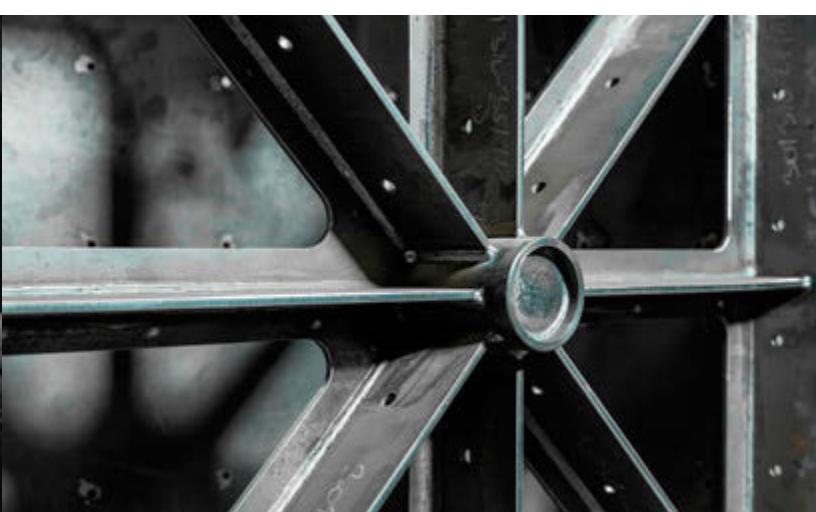
WHO WE ARE

TMETAL s.r.o. is a Czech company which designs, manufactures and assembles steel constructions. Since its foundation in 1995, TMETAL has engaged in the production of medium-heavy steel structures and over the years has added custom manufacturing of technological constructions, machines and equipment.

Today the company employs more than 140 qualified people. Our staff carries out projects from static and dynamic calculations, project documentation, production documentation and assembly drawings right through to the subsequent production, assembly and packaging for continental and overseas shipping around the world.

As an ISO certified company with cutting-edge technology, we are committed to providing excellent service to our global partners.

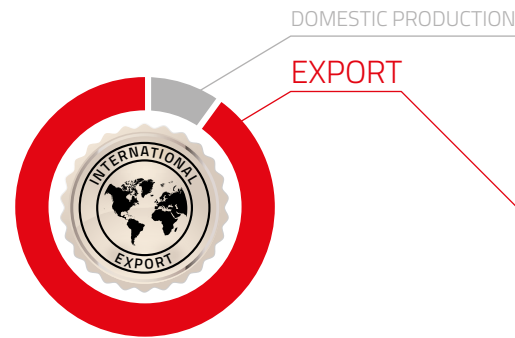




WHAT WE DO

WE EXPORT MORE THAN 90% OF OUR PRODUCTS

TMETAL steel constructions can be found in the machinery of world suppliers in the fields of power generation, processing equipment, metallurgical steel processing, foundries and the chemicals and manufacturing industries. A significant portion is applied in ecology for waste processing and sorting, in the transportation of stone, sand and natural ores, and tunnelling. Last but not least, we also build halls for sports, education and public amenities.





STEEL CONSTRUCTIONS

- Steel constructions for power generation
- Steel constructions for excavation, mining and construction work
- Steel constructions for industrial halls
- Technological support constructions of machines for sorting and transporting materials
- Constructions for entertainment and leisure
- Staircase towers, supports, platforms, frames and weldments
- Silos, hoppers and containers
- Custom manufacturing according to the customer's wishes

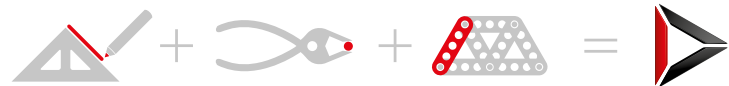
Production Possibilities

Maximum dimensions of assembly for pre-assembly in production halls: 60m x 15m x 4.5m

Maximum dimensions of one component: 18m x 5m x 4.5m

Maximum weight of one component: 20 t

Material quality: S235, S355





TECHNOLOGICAL CONSTRUCTIONS, MACHINES AND EQUIPMENT

- Bodies of machines for grading recycled waste, stone, glass and other natural raw materials, and industrial materials
- Graders, troughs, chutes, containers, ventilators, HVAC parts
- Anti-vibration supporting frames
- Stripping grates for foundries

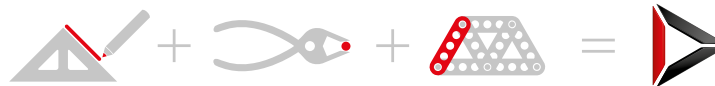
Production Possibilities

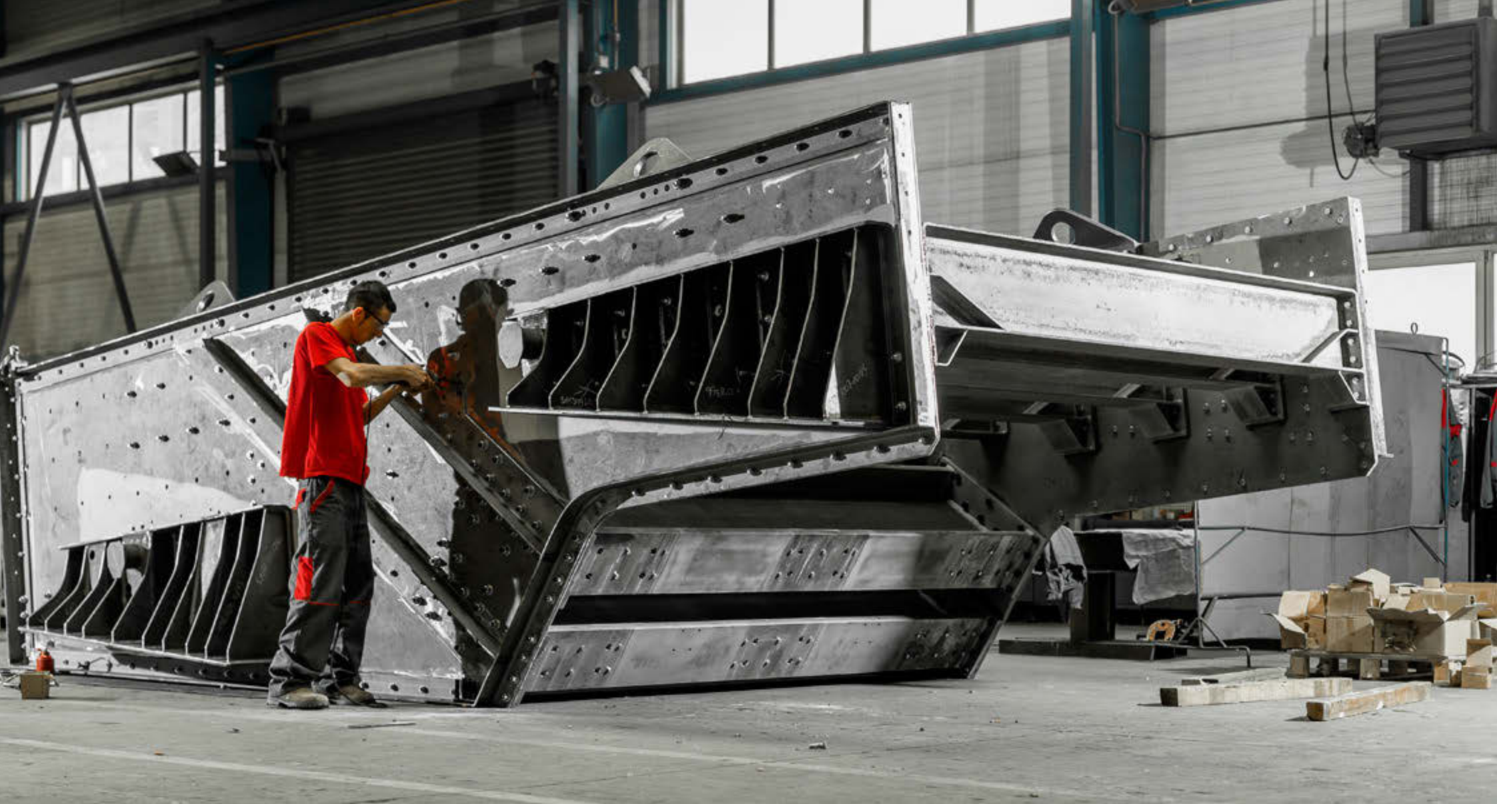
Maximum dimensions of assembly: 50m x 15m x 4.5m

Maximum dimensions of one component: 18m x 4m x 4.5m

Maximum weight of one component: 13 t

Material quality: S235, S355, boiler sheets, wear resistant sheets with a hardness of 400 to 500 HB, e.g., Hardox, Dillidur, Durostat, XAR or stainless steel sheets.

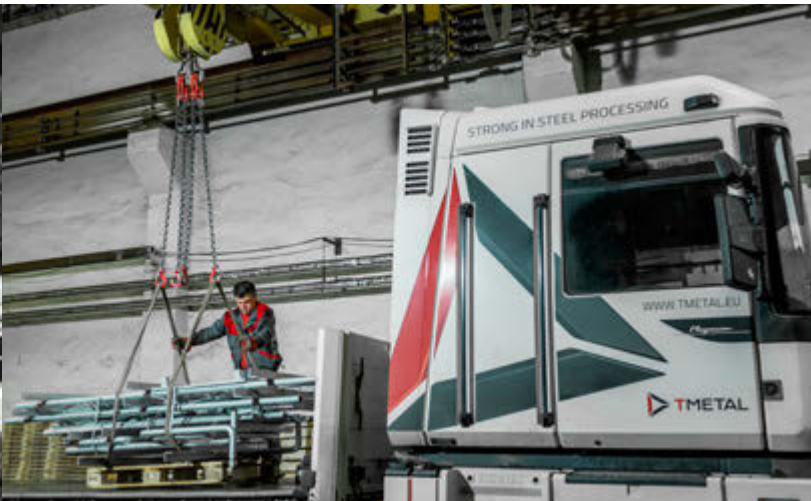
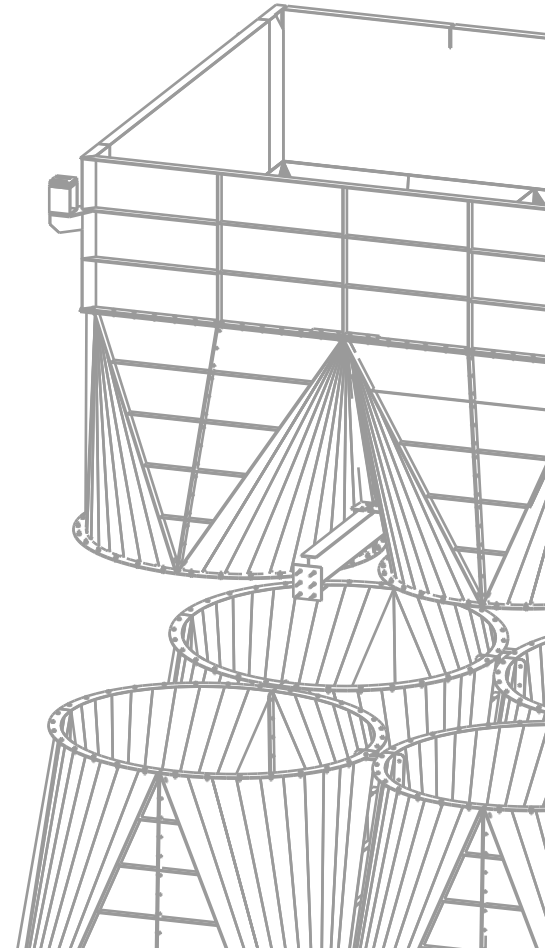






SERVICES RELATED TO PRODUCTION

- Static and dynamic calculations according to EC in the programmes SCIA and RSTAB.
- Processing of drawings in 2D with the option of 3D visualisations including linkage to CNC machines. We work with Tekla, ZWcad, AutoCad and Inventor software. The most frequent work outputs are 3D PDF and 3D DWG formats for 3D, and DWG, DXF - burning templates, and NC data for production documentation.
- Inspection of pre-assembly for final quality control and functionality of products.
- Surface protection with airless painting pursuant to ČSN EN ISO 12944 or hot deep galvanizing pursuant to ČSN EN ISO 1461.
- Packaging of constructions for truck, marine and container transport.
- Deliveries within the EU under the conditions of EXW, FCA, DAP pursuant to Incoterms 2010.
- Customs services.
- Assembly in the Czech Republic or neighbouring EU countries.
- Sheet metal bending.



MACHINERY



VOORTMAN V630 + VB1050 CNC drilling and sawing centre **NEW**
profile steel up to 1000 mm, length 12 m

VOORTMAN VSB1500 CNC blasting machine **NEW**
profile steel up to 1000 mm, length 15 m
flat steel up to 1.5 m width, length 12 m

VOORTMAN V630 CNC drilling and sawing centre
profile steel size up to 1,000 mm, length 15 m

URSVIKEN OPTIMA CNC press brake
800 t, 7.3 m / 30 mm

OMNICUT CNC cutting machine
plasma in combination with an autogenous burner, 2.5 m x 12 m

VOORTMAN V250 CNC plate punching machine
punching up to t = 25 mm / Ø 31 mm, drilling up to t = 60 mm / Ø 40 mm

LISSMAC CNC grinding machine





QUALITY

Our aim is to increase customer satisfaction – we strive to fulfil customer expectations and always supply a product which meets all the requirements and demands of the relevant regulations.

In the energy industry we are a certified supplier of steel constructions for Siemens and GE.

Since obtaining our first ISO certificate in 2001, we have continuously worked on raising the quality of production. We currently hold the following certificates for the production and assembly of steel constructions:

- Welding Certificate – execution class EXC3 according to EN 1090-2.
- Quality Management System Certificate – ISO 9001:2008 in connection with ISO 3834-2:2005.
- Environmental Management System Certificate – ISO 14001:2004.
- Occupational Health and Safety Management System Certificate – BS OHSAS 18001:2007.

We manufacture products based on drawings supplied or approved by the customer. All inspection activities, dimensional checks and NDT (VT, PT) are assured during all stages of production processes by our own qualified inspectors.



SIEMENS ALSTOM



For these partners we are a certified supplier of steel structures in the energy industry.



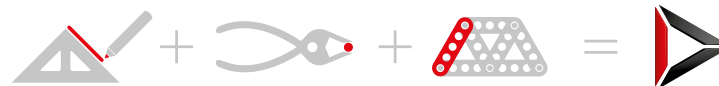


Production and business administration team



Assembly team

 **TMETAL** STRONG IN STEEL PROCESSING



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