

Materials Services
Materials Poland

Premium
services
for industry



thyssenkrupp



At thyssenkrupp Materials Poland, we provide comprehensive support to industry, combining material supply, precision machining, production, and logistics into tailored solutions that work with our customers to build real value for their businesses.

4 regional
warehouses

2 material
processing
centers



20 sales
offices



1,000
employees



in **3**
countries



Materials as a service

In our „Materials as a Service” strategy, we focus on the customer and their real needs. We thoroughly analyse our customers’ processes to deliver modern, personalized solutions that really work.



Discover our capabilities.



Materials supply

Timely and flexible deliveries of a wide range of metals and plastics from our own warehouses, ensuring continuity of production processes.



Warehousing services

Secure storage of materials and products with full inventory control.



Supply chain integration

Comprehensive management of the flow of materials, information, and processes in the supply chain.



Processing and serial production

Material processing and serial production while maintaining consistent quality and high standards.



Consulting and design

Expert support in the selection of solutions, process optimization, and technical design.



Production of components

Manufacturing of complete components ready for assembly or further use.

Comprehensive manufacture of and steel structures

We provide **a full range of services** related to the design and construction of steel structures, ensuring **the highest standards of quality and safety**. Production is carried out in accordance with **the requirements of applicable standards**, guaranteeing **full technical compliance** and **reliability** of finished structures.

- PN-EN 1090-2 (EXC2 and EXC3 execution classes),
- PN-EN ISO 3834-2.

Welding technologies

We use advanced welding methods tailored to different types of structures:

- MAG (135) – arc welding in an active gas shield,
- TIG (141) – non-consumable electrode welding in an inert gas shield,
- SAW (121) – submerged arc welding,
- each joint is made in accordance developed and approved WPS / WPQR technologies, under the supervision of the Chief Welder IWE (Welding Engineer).

Materials

We manufacture steel structures from a wide range of grades:

- structural carbon steels: S235, S355, S420, S460, S690QL, S700MC, Hardox®, Weldox®, Corten®,
- stainless steels: austenitic, ferritic, and duplex,
- aluminum.



Carports and charging stations, Denmark

Certificates and licenses

Our experience and qualifications are confirmed by numerous certificates:

- CL1 PN-EN 15085 – for the railway industry,
- license for the production and sale of products for military and police use,
- EPD environmental declaration for steel structures – particularly important for the construction sector.

Quality and control

Each structure has a complete set of quality documents and NDT test reports (VT, MT, UT, RT, PT). We also mark them with the CE mark.

Corrosion protection

At the customer's request, structures can be additionally protected against corrosion by:

- hot-dip galvanizing (PN-EN ISO 1461),
- spray painting (PN-EN ISO 12944),
- powder coating.



Projects by industry

- Road
 - Sound barriers
 - Road gantries
- Railway
 - Signal poles
 - Traction poles
 - Sound barriers
- Bridge
 - Barriers
 - Stairs
 - Bearings
 - Caissons
 - Mobile scaffolding systems for the construction of concrete bridges
- Architectural and construction
 - Storage and production halls
 - Tent halls
 - Railings and balustrades
 - Staircases
 - Advertising pylons
 - Electric car charging stations
- Mechanical
 - Stone crusher structures
 - Machine components
 - Overhead crane beams
- Transportation
 - Railway carriages
 - Bus chassis and body frames
 - Transport trailers
 - Truck trailer components



Materials and processing services

Carbon steel
Stainless steel
Aluminum
Plastics





Cutting from coil to sheets

Technical parameters

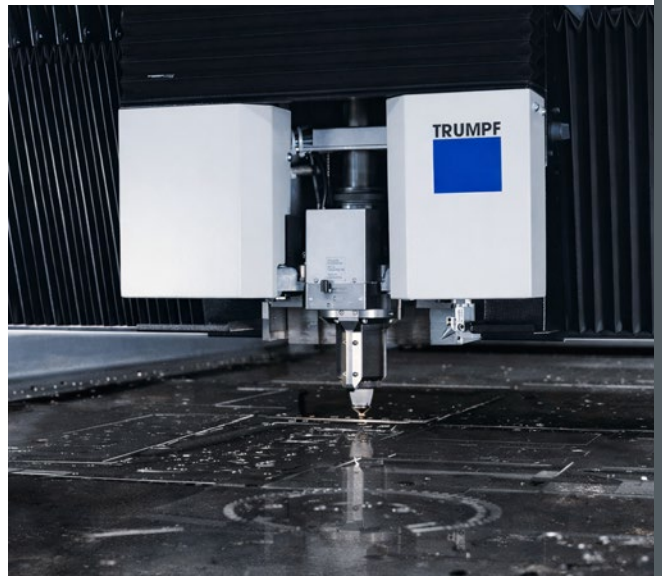
thickness range	1.5-20 mm
max. coil width	2,100 mm
max. sheet length	14,000 mm



Laser cutting

Technical parameters

max. size	up to 2,000 x 6,000 mm
max. thickness	up to 50 mm



Plasma / gas cutting

Technical parameters

max. size	up to 3,000 x 16,000 mm
max. thickness	up to 300 mm





Bending

Technical parameters

bending length	up to 4,420 mm
max. pressure	up to 320 t



Deburring

Technical parameters

max. workpiece dimensions	up to 1,350 mm
thickness range	min. 3.0 - max. 160 mm
max. edge blunting	R 2.0 mm



Shot blasting and priming

Technical parameters

max. width	2,000 mm
max. height	300 mm
max. length	14,000 mm
min. sheet thickness	6 mm





Edge chamfering

Parametry techniczne

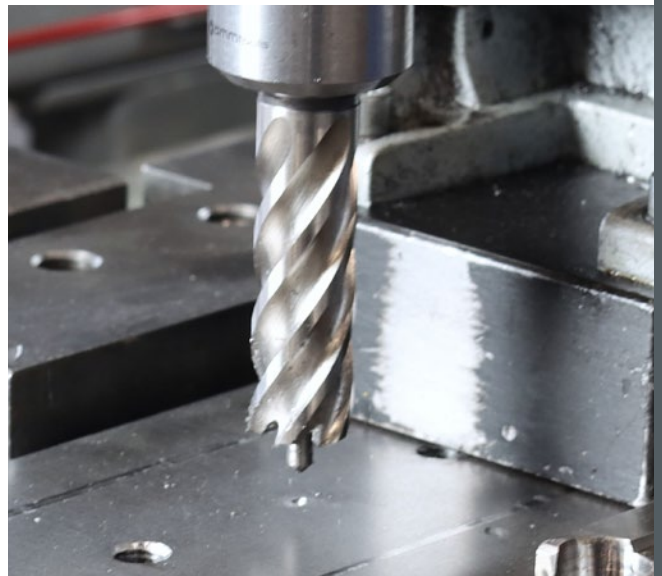
thickness	up to 300 mm
angle range	up to 60°



Drilling

Technical parameters

max. drilling diameter with a cutter	150 mm
max. thickness of drilled material	100 mm



CNC machining

Technical parameters

work table dimensions	3,000 x 820 x 720 mm
table load capacity	2,500 kg
number of machining axes	3





Threading of parts

Technical parameters

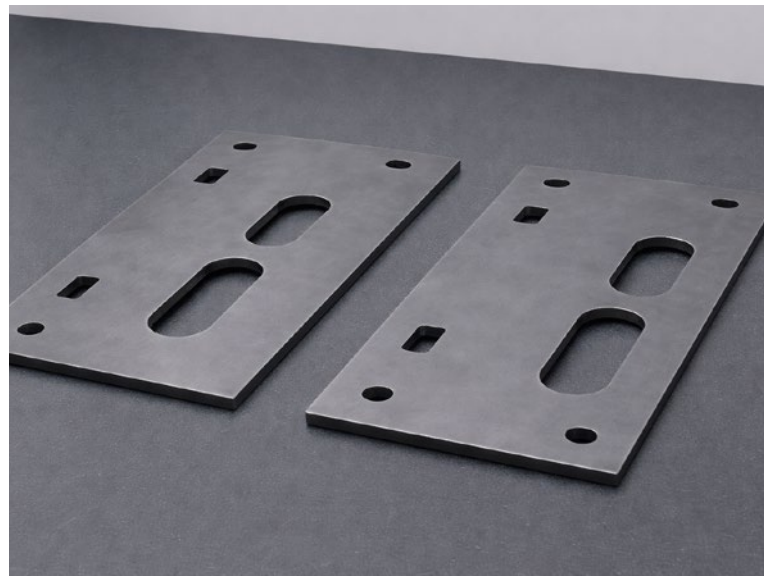
thread range	up to M36
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Straightening of parts

Technical parameters

work table dimensions	2,000 x 6,000 mm
table load capacity	2,400 kg
max. thickness prostowania	25 mm
resulting flatness	up to 1.0 mm



Ultrasonic testing of sheets

Technical parameters

thickness range	6 - 160 mm
	*applies mainly to quarto sheets





Saw cutting

Technical parameters	
max. dimensions of square profile	500 x 500 mm
max. dimensions of rectangular profile	500 x 1,000 mm
angle cut	yes



Laser cutting

Technical parameters	
max. length	6,500 mm
max. circle	254 mm
max. cutting thickness	14 mm



Multi-spindle drilling and saw cutting

Technical parameters	
max. length	16,000 mm
cutting angle range	+45/-60 degrees
max. drilling diameter	up to 50 mm
width of the workpiece	5 - 1,015 mm
thread range	up to M36

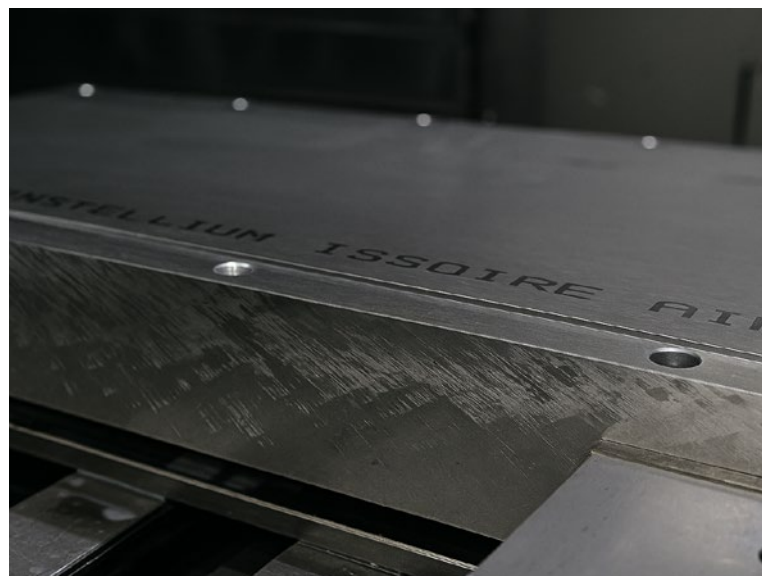




CNC machining

Technical parameters

work table dimensions	3,000 x 820 x 720 mm
table load capacity	2,500 kg
number of machining axes	3



Shot blasting and priming

Technical parameters

max. width	2000 mm
max. height	500 mm
max. length	15,000 mm



Threading

Technical parameters

thread range	up to M36
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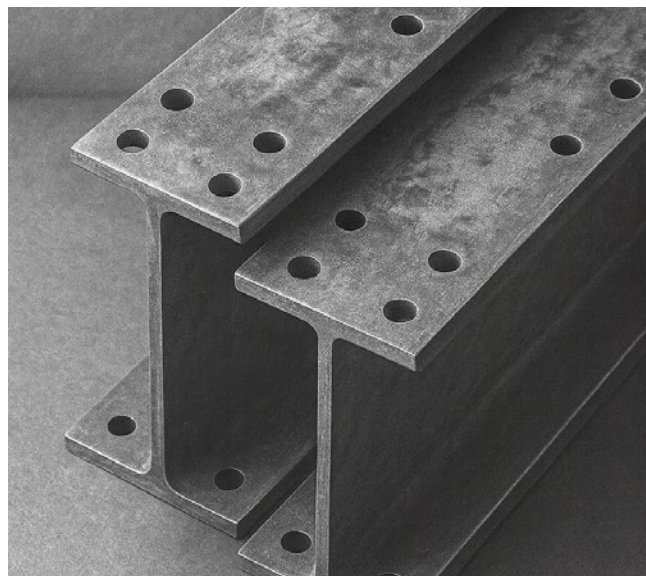




Drilling

Technical parameters

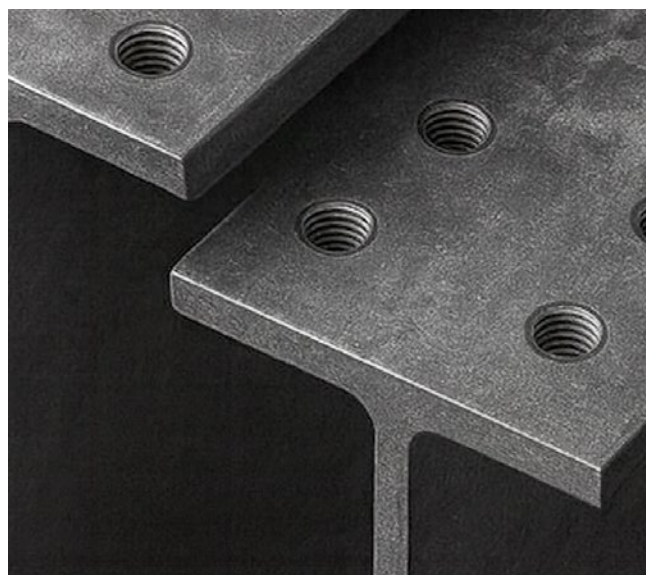
max. drilling diameter with a cutter	150 mm
max. thickness of drilled material	100 mm



Threading

Technical parameters

thread range	up to M36
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Cutting

Technical parameters

max. width	1,000 mm
max. length	24,000 mm





Saw cutting

Technical parameters

diameter of round profile	Ø 10 mm - Ø 508 mm
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Laser cutting

Technical parameters

max. length	6,500 mm
max. circle	254 mm
max. cutting thickness	14 mm







Cutting from coil to sheets

Technical parameters

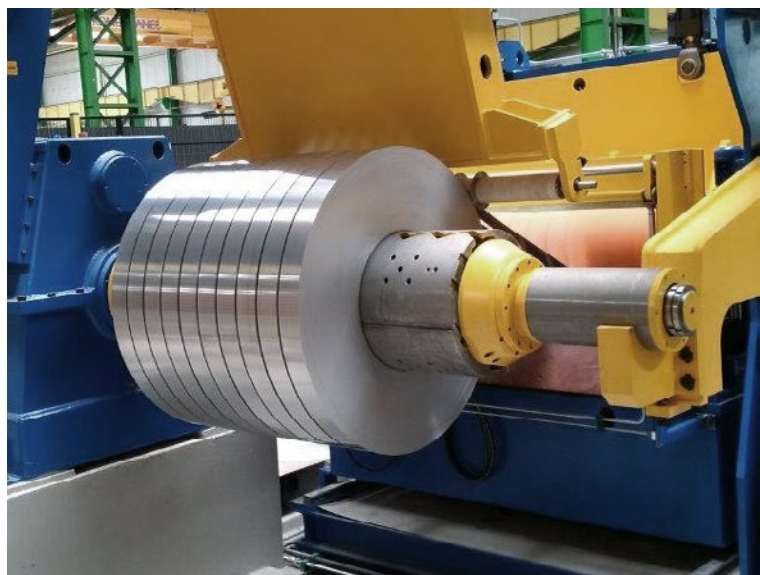
thickness range	0.4 - 10.0 mm
max. coil width	2,100 mm
max. sheet length	12,000 mm
cutting tolerances	EN ISO 9444, 9445, 485-4



Coil slitting

Technical parameters

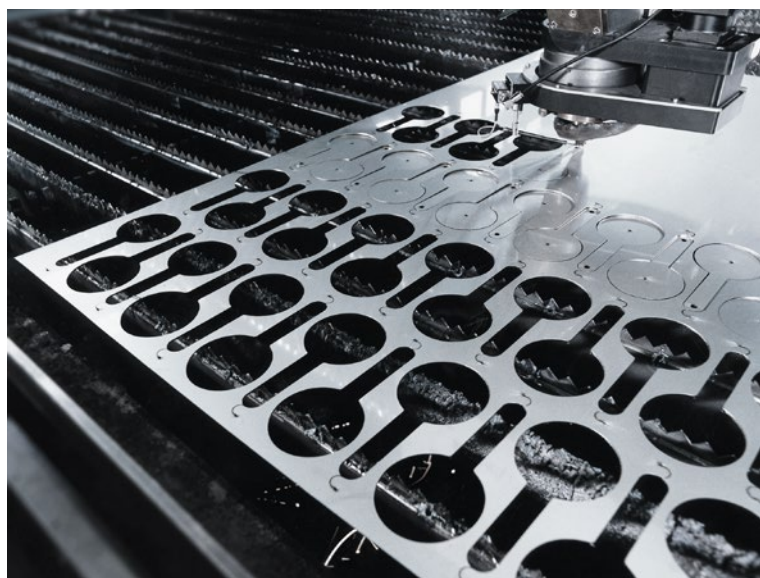
thickness range	stainless steel	0.4 - 3.0 mm
thickness range	aluminum	0.4 - 4.0 mm
max. coil width		2,100 mm
max. sheet length		12,000 mm
cutting tolerances		EN ISO 9444, 9445, 485-4



Laser cutting

Technical parameters

max. size	up to 2,000 x 6,000 mm
max. thickness	up to 40 mm

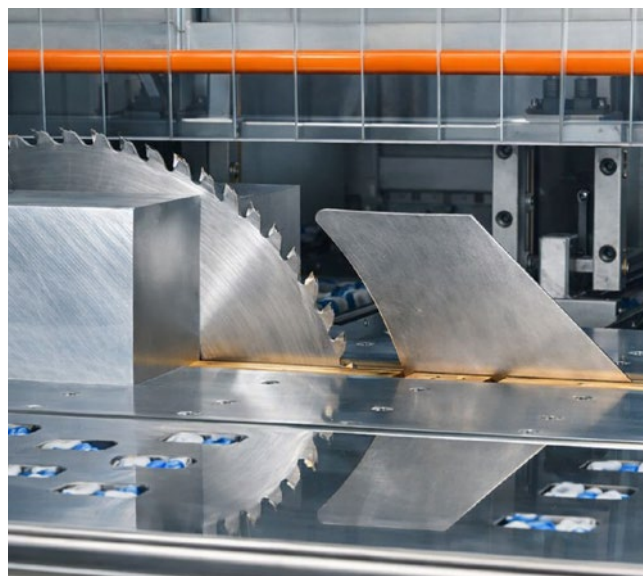




Cutting of aluminum plates

Technical parameters

max. length	4,200 mm
max. width	4,200 mm
max. thickness	200 mm



Bending

Technical parameters

bending length	4,420 mm
pressure	up to 320 t



Deburring

Technical parameters

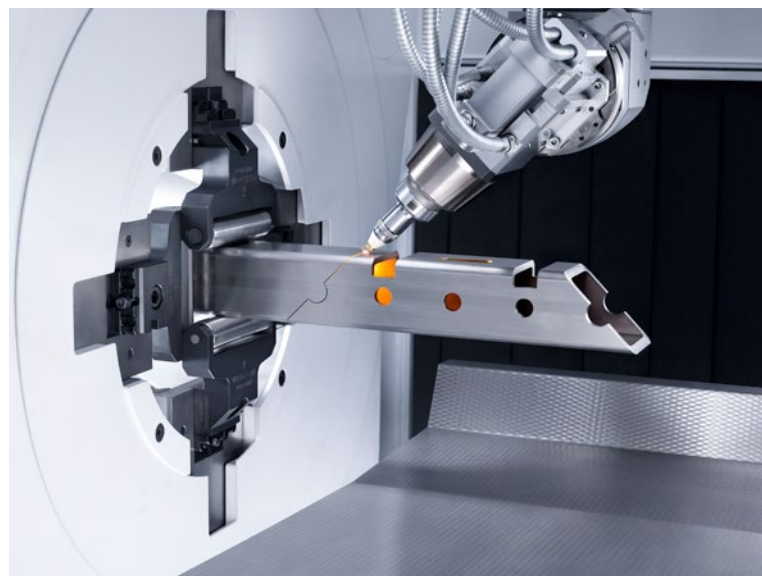
max. workpiece dimensions	up to 1,350 mm
thickness range	min. 2.0 - max. 120 mm
max. edge blunting	R 2.0 mm



Laser cutting

Technical parameters

max. length	6,500 mm
max. circle	254 mm
max. cutting thickness	10 mm



CNC machining

Technical parameters

work table dimensions	3,000 x 820 x 720 mm
table load capacity	2,500 kg
number of machining axes	3



Threading of profiles

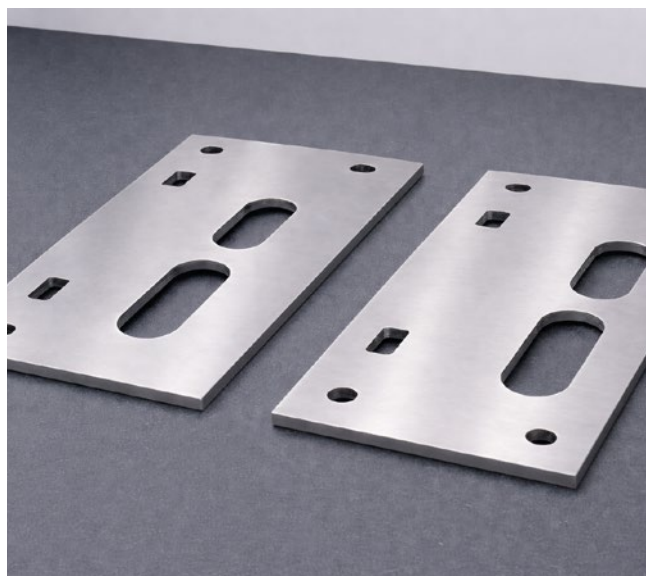
Technical parameters

thread range	up to M36
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Straightening of parts

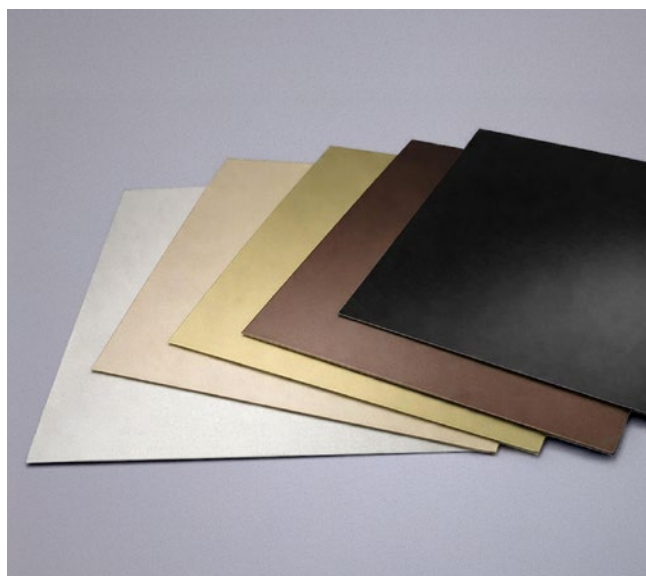
Technical parameters	
work table dimensions	2,000 x 6,000 mm
table load capacity	2,400 kg
max. straightening thickness	25 mm (aluminium) 15 mm (stainless steel)
resulting flatness	up to 1.0 mm



Anodizing

Aluminum plates and parts

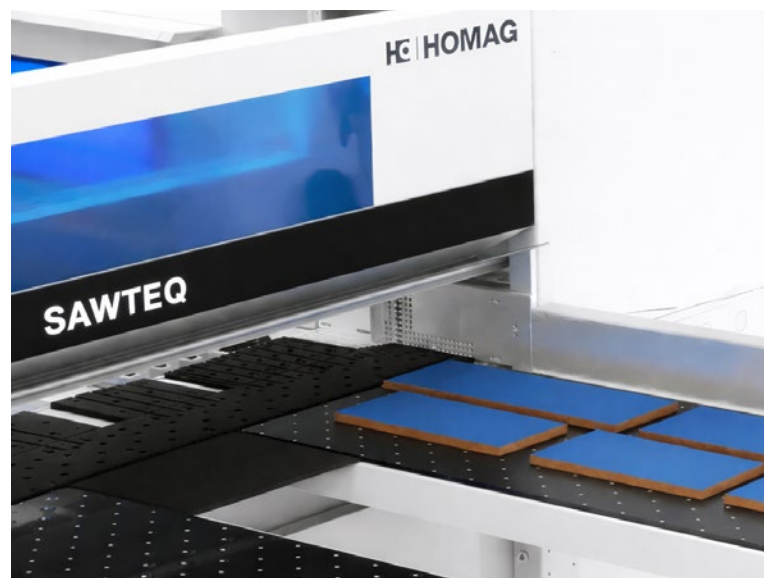
Technical parameters	
max. length	7,000 mm
max. height	2,400 mm
max. width	200 mm
coating thickness	5-25 µm
color-coating	C-0 natural
	C-31 light champagne
	C-32 champagne
	C-33 olive
	C-34 bronze
	C-35 black



Cutting and formatting of solid sheets

Technical parameters

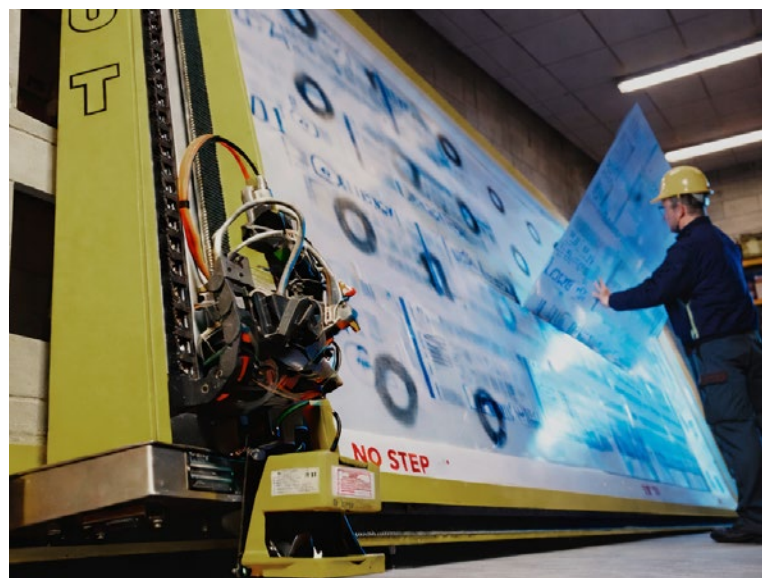
max. sheet width	4,300 mm
max. sheet length	7,000 mm
panel thickness	0.75 - 80 mm



Vertical, dust-free cutting of chamber boards

Technical parameters

max. cutting length	7,010 mm
max. cutting width	2,110 mm
panel thickness	8 mm - 32 mm
min. format	740 x 840 mm
cutting tolerance	+/- 2 mm



Cutting of bars and rods

Technical parameters

90° circular cutting range	180 mm flat
cutting range 90°	180 x 300 mm
circular cutting range 45°R	110 mm
cutting range 45°R	110 x 300 mm
working height	555 mm



Automatic machining CNC

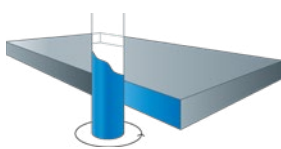
Cutting, drilling, milling, and boring

Technical parameters

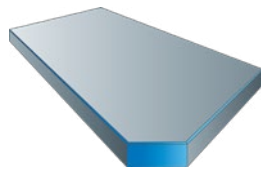
max. panel size	2,100 x 4,300 mm
panel thickness	do 150 mm
Z-axis bevel	150 mm
min. hole diameter	2 mm
max. drilling depth	150 mm



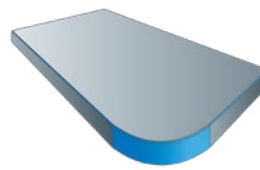
Advanced processing of solid panels



formatting, milling



bevel milling



corner rounding



through holes



blind holes

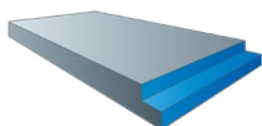


standard bevel
1 mm / 45°



V-grooves

Special services



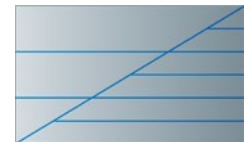
step cutting



rounded edge



perforating plates



decorative round
or V-shaped grooving

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