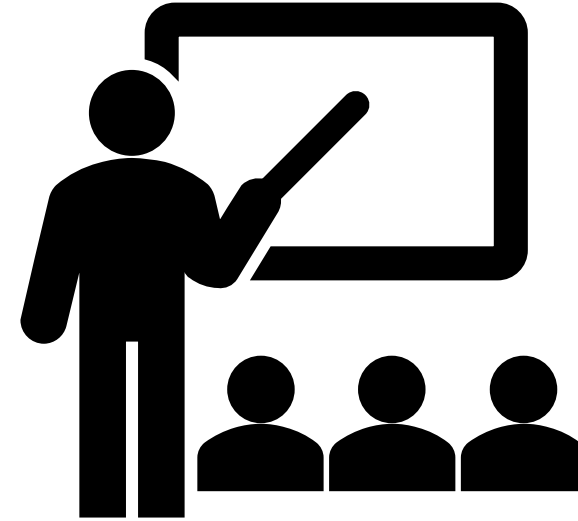




gemtech
steel structures and machinery



GEMTECH LTD.
H-4552, NÁPKÖR
IPARTELEP STREET 1
HUNGARY

www.gemtech.hu



GEMTECH Ltd. is a privately owned company registered in Hungary that has become one of the fastest developing and largest manufacturers of steel structures and machinery in the Central-Eastern European region over two decades.

Our company is specialized in producing high quality structures, that can be divided into 3 main categories:

- structures under dynamic force and special machine components produced for the energy sector

(E.g. bridges, cranes, lifting equipment, power plant equipment, generator and turbine components, railway frames)

- building construction, steel buildings

(E.g. industrial buildings, agricultural buildings, sports & leisure buildings)

- custom machined units

(E.g. rolling mills equipment, excavators, scrap machines, trailer frames)



Our factory in NAPKOR

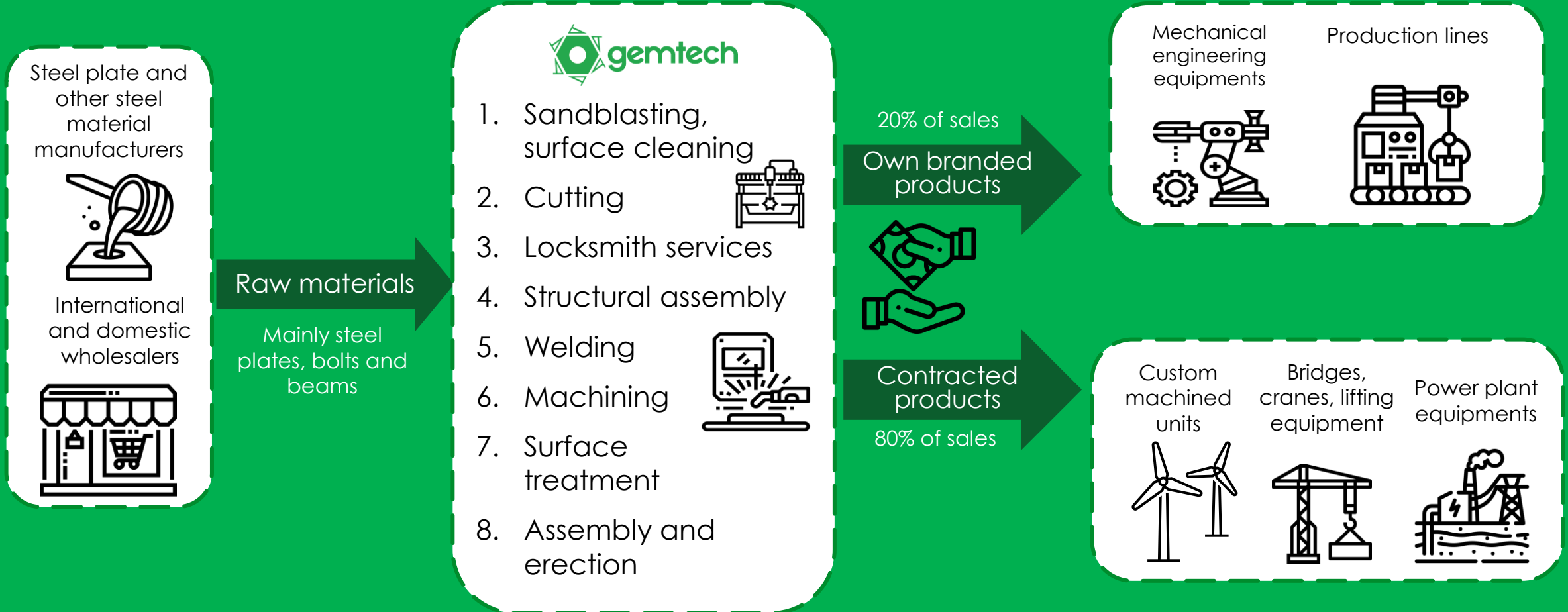


- ▶ The structures manufactured by us represent a particularly high and unique quality; our annual production capacity exceeds 10,000 tons.
- ▶ Our maximum lifting capacity is 120 tons in weight and 45 meters in length.
- ▶ With a constant number of our own employees and a few subcontractors, we provide professional, qualified welding and structural fitting capacity. The production is managed by experienced engineers, paying particular attention to the quality of the products, supported by all the necessary technological and IT background.



> [company introduction video on Facebook](#) <

BUSINESS FLOW



INTEGRATED MANAGEMENT SYSTEM

EN ISO 9001

Quality Management System

- All the operations are controlled and coordinated.
- All work phases are controlled.
- All of our employees are committed to quality.
- Continuous development ensures compliance with higher and higher demands.

EN ISO 14001

Environmental Management System

- We are constantly paying attention to work phases to protect the environment.
- We try not to harm the environment with the materials and technologies used.
- All hazardous materials are entered into a register and are taken care of the disposal.
- All of our employees are proud to be engaged with environmental awareness.

ISO 45001

Safety Management System

- We want to protect and enhance our most important asset, our people.
- We are serious about improving employee safety.
- We try to reduce workplace risks and we are eager to create better and safer working conditions.

EN 1090-2

Construction of steel structures

- High quality production according to EXC4 degree.
- Continuous monitoring by independent and qualified quality inspectors.
- Constant welding supervision by well-trained professionals.
- The welding processes are controlled continuously by our self-developed and unique software.

EN ISO 3834-2

Fusion welding of metals

- Continuous welding supervision, on both sites.
- Preparation weld seems and high quality execution.
- Use of multiple welding processes (coated electrodes, submerged, CO2 process with solid and flux cored wires, AWI).
- Our skilled welders are all qualified in the relevant process areas.



WE LOVE WELDING!



OUR CERTIFICATIONS:

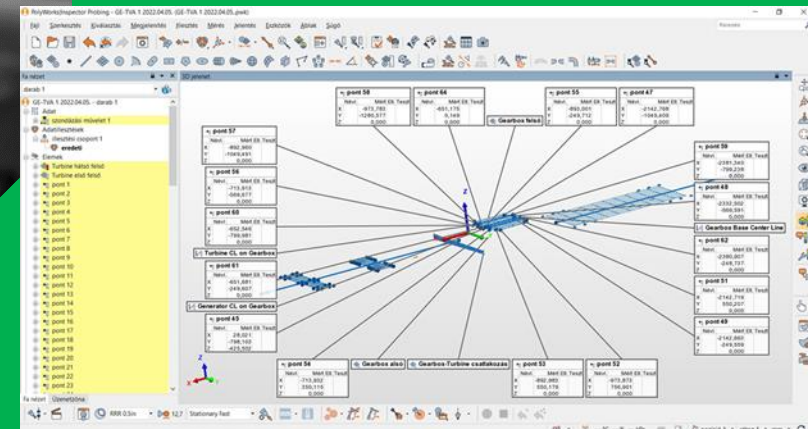
- ▶ EN 1090-1
- ▶ EN 1090-2 - EXC4
- ▶ EN ISO 3834-2
- ▶ AD2000-Merkblatt according to HP0 and GM Decree 9/2001 (IV.5.) (PED)
- ▶ ASME Sec. IX / PED 2014/68 / EU
- ▶ EN 15085-2 CL1
- ▶ Valid NATO Supplier qualification



DO NOT WORRY!
EVERYTHING IS UNDER CONTROL

Our quality control belongs to 8 well-qualified engineers.
The following NDT methods are available inhouse at the company:

- UT Level 2
- MT Level 2
- PT Level 2
- VT Level 2
- X-ray Test by certified 3rd party
- 3D laser scanner
- Real time 3D Model execution control tool







- CNC Portal Type Milling machine x=16.000; y= 5.000; z=3.250 mm
- CNC Portal Type Milling machine x=12.000; y= 4.000; z=1.500 mm
- CNC Portal Type Milling machine x=12.000; y= 4.000; z=1.500 mm
- CNC Portal Type Milling machine x=6.000; y= 4.000; z=1.000 mm
- CNC HORIZONTAL Boring Machine x= 10.000; y= 6.100; z=1.450 mm; spindle diameter= 250 mm
 - CNC Horizontal Boring Machine x= 9.500; y= 4.900; z=2.500 mm; spindle diameter= 225 mm
 - CNC Horizontal Boring Machine x= 20.000; y= 3.100; z=3.200 mm; spindle diameter= 200 mm
 - CNC Horizontal Boring Machine x= 4.000; y= 2.000; z=1.500 mm; spindle diameter= 130 mm
 - CNC Horizontal Boring Machine x= 4.000; y= 2.000; z=1.500 mm; spindle diameter= 130 mm
 - CNC Horizontal Boring Machine x= 2.000; y= 1.500; z=1.000 mm; spindle diameter= 130 mm
 - CNC Carousel vertical turning machine d= 6.000; L= 5.000;
 - CNC Carousel vertical turning machine d= 3.150; L= 2.000;
 - Carousel vertical turning machine d= 3.200; L= 2.000;
 - Turning machine d= 1.000; L= 5.000;
 - Rolling machine 4.000 x 250 mm
 - Rolling machine 2.500 x 12 mm
 - Heat treatment furnace x= 15.000; y= 5.000; z=4.000 mm
 - Shoot blasting cabine x= 40.000; y= 7.500; z=5.000 mm
 - Paintshop 1.200 m²; 75 tonnes lifting capacity
- More than 100 of the newest technology welding machines
 - Lots of steelwork processing machines



Crane component















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[Gemtech LTD](https://www.linkedin.com/company/GemtechLTD)

