

FRANKONIA
POLAND



Executive Summary



Frankonia - Poland Sp. z o.o., established in May 1991 (initially as Technika – Szpitalna Sp. z o.o.), has been a leading designer and supplier of products for the EMC industry since the beginning of its operations.

Thanks to a modern machine park, a qualified staff, and extensive experience, the company has successfully expanded its production profile into other industries as well, specializing in sheet metal forming and laser welding.

Frankonia - Poland employs around 160 people and enjoys an excellent reputation in the local, national and international environment, as evidenced by the numerous certificates, awards and distinctions it has received.

What sets us apart?

- Over 30 years of experience on the market
- ISO 9001:2015 Quality Management System
- Modern machine park
- Qualified managerial, engineering staff, and construction and production departments



Products and Industries

Manufactured products:

EMC Production

Comprehensive solutions for the construction and assembly of cabins for electromagnetic compatibility measurements, EMC equipment.

Laboratories

Gas-tight doors, material airlocks / pass-through windows, personnel airlocks.

Furniture Systems

Worktops, furniture fronts, stainless steel furniture accessories.

Hospital Infrastructure

Production and installation of specialized door systems for operating rooms, hinged doors, single and double sliding doors, manual and automatic, also for X-ray rooms, and X-ray inspection windows.



Advanced Production Capabilities

Our professional services:

Sheet metal forming: including stainless and acid-resistant steels: punching, bending, forming

Advanced welding techniques: MAG (135, 136), MIG (131), TIG (141), laser welding, and robotic welding

Stainless steel finishing: grinding, satin finishing, and pickling

Press bonding on plate presses

Medium-Sized steel structure production



Order and Fulfillment Process

Step by Step to Success

Problem with Finding a Contractor

Given the large number of available contractors, there is a significant risk of choosing one who will not complete the project according to expectations in terms of quality, timeliness, and compliance with the technological requirements of steel processing.

Our experience gives you peace of mind

Thanks to our many years of experience, we have developed processes for working with clients that ensure a professional approach, effective communication, and reliable, timely, and high-quality execution.

Valuation Process – never been easier

Our experienced technology valuation specialists will support you throughout the project discussion. They will understand your needs and conduct a detailed analysis, ensuring the valuation is reliable and tailored to your expectations. Our goal is to provide full transparency and trust in the valuation process.

Prototyping

We understand how crucial customer satisfaction with the final product is. Therefore, we offer top-quality prototypes that ensure confidence in the final outcome.

Additionally, our team is dedicated to refining every detail to meet the highest standards. Well-crafted prototype is the foundation of a successful product.

Final Product and Quality of Implementation

Due to the developed processes at every stage of project implementation, our clients receive a final product that fully meets their expectations.

We guarantee that every aspect of the order is meticulously refined, and the final product meets the highest quality standards.

Advanced machine park

Cutting-Edge Technology for Precision Metal Processing

Our advanced machine park offers comprehensive solutions in sheet metal processing, with a particular focus on stainless steel. We utilize precise cutting and bending technologies, including modern press brakes, ensuring high accuracy and repeatability. We offer advanced welding methods, including laser welding with robotics, guaranteeing the highest quality of joints.

Integrated Processes for Enhanced Efficiency

Thanks to automated machining centers, we efficiently combine cutting, bending, and welding processes, significantly increasing production efficiency. Our capabilities also include specialized finishing operations and processes such as corner extraction and spot welding.

Versatility and Innovation to Meet Every Challenge

The versatility of our machine park allows us to handle both large production series and rapid prototyping, as well as execute customized orders. Continuous investments in the latest technologies enable us to offer innovative solutions, such as precise 3D forming of complex shapes, meeting even the most demanding projects of our clients.

Advanced Machine Park

Laser cutting and punching

- Use of a large format punching machine
- Availability of band saws for various materials



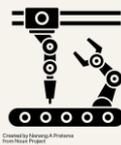
Advanced bending and forming

- Automatic CNC bending center
- Various press brakes (hydraulic and servo-electric)
- Ability to bend sheets of different thicknesses and dimensions



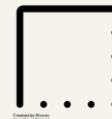
Modern welding technologies

- Laser welding using a robot
- Linear laser welding
- Conventional welding methods (Fronius and Lincoln Electric equipment)



Specialized processing

- Corner extraction
- Resistance spot welding
- Veneer processing (shelf press)



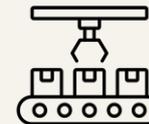
Finishing operations

- Belt grinding
- Hydrodynamic painting



Large elements handling

- Single-girder cranes for transporting heavy elements



Laser Cutting and Punching

Our Machines and Capabilities:

Punching: high-end TruPunch machines allow to cut and form steel plates up to 8mm thick with processing speed of up to 1600 strokes/min

Laser Cutting: combined CO2 laser cutting and punching in one TruMatic machine provides high flexibility and best quality, working with steel plates of thickness up to 8mm



Advanced Bending and Forming

Our Machines and Capabilities:

CNC Bending Center: fully automated bending machine TruBend Center 7030 with maximum bending length of 3123mm and maximum steel thickness of 3mm

Press Brakes: various Trumpf and Safan Darley press brakes with maximum bending lengths of 1250mm up to 4420mm



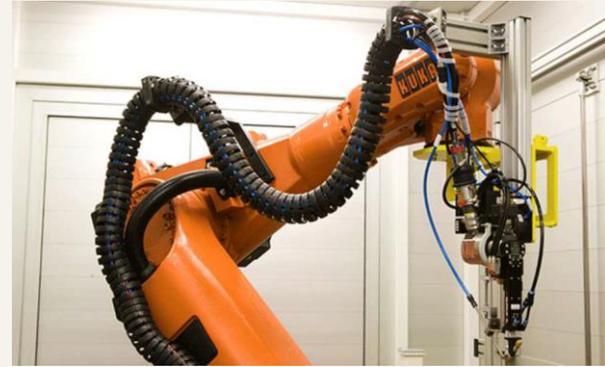
Modern Welding Technologies

Our Machines and Capabilities:

Laser Welding: laser welding using a KUKA robot arm

Linear Laser Welding: linear welding of up to 3000mm, manufactured by ERLAS Erlanger Lasertechnik

Conventional Welding: sheet metal and structural manual welding MAG (135, 136), MIG (131), TIG (141) using Fronius and Lincoln Electric machines, various materials and thickness



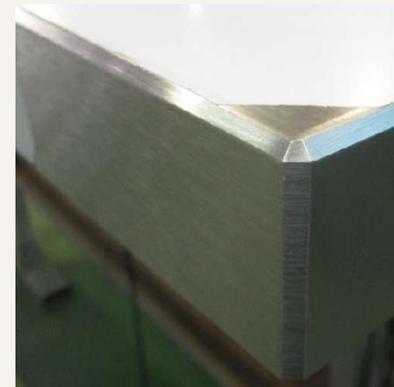
Specialized Processing

Our Machines and Capabilities:

Corner Extraction: Utilizing dedicated extraction machines, this process enhances precision and reduces material waste, ensuring cost-effective production

Resistance Spot Welding: high efficiency specialised spot welding ensures repetitive and durable joints

Finishing: Achieved through high-tech polishing and coating equipment, this process delivers a polished, high-quality surface, enhancing the aesthetic appeal and longevity of the product



Fabrication and Assembly

Our Machines and Capabilities:

Fabrication: several frame construction welding workstations supported by overhead cranes with lifting capacities of up to 4 tons

Assembly: several assembly workstations dedicated to steel construction assembly as well as electronics assembly



Get in Touch



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