

Capabilities and Services Overview



About Us

Zamet Industry, based in Piotrków Trybunalski, is one of the **leading manufacturers of large-scale steel structures, machinery, and equipment for the industry.**

Our company stands out for its extensive experience in creating prototype and low-volume steel structures and complex machinery, especially for the oil and gas extraction industry, with a particular focus on the Subsea and Offshore sectors. Our structures operate across all continents, demonstrating their reliability and high quality.

Our experience is a key asset, allowing us to offer innovative and proven solutions for sectors such as mining, energy, marine construction, wind farms, cranes, loading equipment, and heavy machinery.

Our products are equipped with advanced electric and hydraulic control systems and undergo rigorous functionality testing, ensuring their reliability in the most demanding conditions.

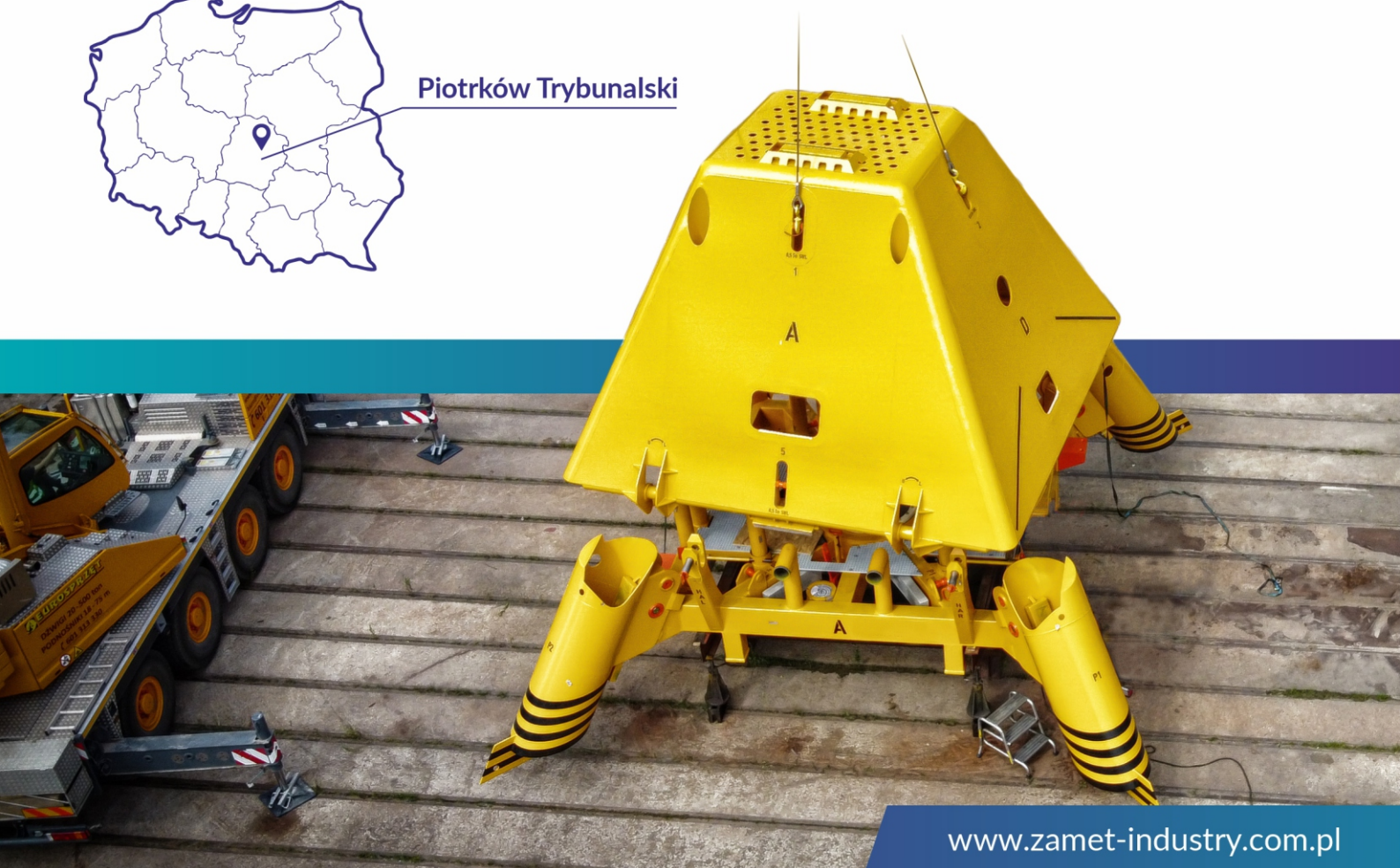
We have the capacity to meet the highest customer requirements, offering comprehensive service at every stage of production—from design to final testing.

As part of the Zamet capital group, we have access to extensive technological and capital resources, further strengthening our market position.

We invite you to explore our service catalog and discover how our experience can support your projects.



Piotrków Trybunalski



Our Staff

We are a team of professionals with a **passion for steel**, its processing, and creating **large-scale structures**.

The highly qualified staff in our facility is a guarantee of successful cooperation.

With over **60 years of experience** in producing such structures, our team is capable of handling the most challenging demands from customers.

The continuous development of our team through training and courses makes **Zamet Industry a company that keeps pace with the trends, solutions, and challenges of the contemporary market**. As a result, we can offer you the **most modern and efficient solutions**.

Team Structure in Numbers:

Engineers and Designers - 14

Welding Engineers - 3

Fitters - 72

Welders - 27

Operators (Machining) - 27

Painters - 18

Quality Control (QC) - 20

Others - 65

Total: 260



Metal Cutting

We have a fully equipped production facility that allows us to offer independent metal cutting services.

Our capabilities include various cutting methods such as:

- Oxy-fuel cutting
- Acetylene cutting
- Gas cutting
- Water jet cutting
- 3D bevel plasma cutting
- Profile plasma cutting



New Equipment: 3D Stigal Multiprofiler



This machine allows plasma cutting of steel profiles up to **12 meters** long and with cross-sections up to **400 x 600 mm**. It can cut profiles such as H-beams, T-beams, channels, angles, flat bars, and closed profiles (rectangular and square).



Machining

With years of experience and advanced machinery, we can deliver finished parts according to provided technical documentation. We machine **tool steel, carbon steel, stainless steel, and non-ferrous metals**, providing prototype, single-unit, and low-volume production.

Our Capabilities

Our capabilities include machining large components, up to **40 tons** in weight, with a working area of **14m x 3.5m**, depending on the machine. **Our equipment includes:**

Union PRC150 CNC + Utronic Machining Center,
max diameter Ø 1260 mm

Union PR150 CNC SIN840D Machining Center

Juaristi TS5 MG30 CNC SIN840D Machining Center



Welding

We have advanced welding technologies compliant with industry standards, offering welding using various methods, including submerged arc welding (**121**) and methods **135, 136, 138, 141**, and a mixed **135/121** technology. Our welding technologies meet the highest standards, such as **ISO/TR 15608, ISO 15614-1, DNV Rules, Norsok M101, and ASME IX**.

Steel structures are preheated in a chamber for welding:

Length: **6748 mm**

Width: **4670 mm**

Height: **4750 mm**

Maximum temperature: **200°C**

New Equipment: CbA 460 M Column Boom Welder

CBA 465 M Column Boom Welder – Enables welding of coils up to **14 meters** long, **5 meters** in diameter, and weighing up to **40 tons**.



Rolling

Steel coil rolling is a daily task in our facility. We produce coils from steel up to **40 mm** thick and with dimensions of **5 m** in diameter and **3 m** in length. Our column boom welder allows us to join coils into structures up to **14 m** in size and weighing **40 tons**. We use the **HAEUSLER EVO 21102** machine, with the following parameters:

Installed force on Top Roll – **2,160 kN**

Upper roll diameter – **340 mm**

Lower roll diameter – **370 mm**

Side roll diameter – **235 mm**

Yield strength – **2260 N/mm²**

Deformation coefficient: (8 for cold; 5 for hot) – **83.6**



Corrosion Protection

We specialize in professional corrosion protection for equipment and steel structures, particularly in high-corrosion environments such as **marine atmospheres or immersion**. We provide anti-corrosion coatings according to **NORSOK M-501** and **ISO12944** standards.

Our facilities include:

Blasting Chambers:

Blasting Chamber No. 1 – 5 m wide x 4 m high x 15 m long

Blasting Chamber No. 2 – 4.5 m wide x 4.5 m high x 25 m long

Painting Chambers:

Painting Chamber No. 1 – 5.9 m wide x 5.8 m high x 50 m long, with sectional doors, allowing division into 4 sections

Painting Chamber No. 2 – 5.8 m wide x 5.8 m high x 49 m long, with sectional doors, allowing division into 3 sections, enabling comprehensive corrosion protection, including Frosio inspection



Testing and Inspection

Functional Tests (FAT)

Functional Tests (FAT) – We conduct functional tests on equipment and structures, including **motion tests, load tests, airtightness tests**, and development of detailed functional test procedures (Factory Acceptance Testing).

Nondestructive Testing (NDT)

Our laboratory performs **visual, ultrasonic, magnetic particle, and penetrant testing** according to **PN-EN ISO 17635:2017-02, NORSOK, and DNV** standards, and per customer specifications. Our NDT staff is certified to level 2 per **PN-EN ISO 9712:2012**.

3D Measurements

We conduct **3D measurements** using **Leica AT 403 Laser Tracker** and **Romer 7530 measuring arm**. We also use the **Leica TDA 5005** industrial tachymeter for measurements requiring lower accuracy. All measurements are analyzed using **PC-Dmis 2018** software.



Clean Assembly Hall

Our facility includes a modern clean assembly hall with an area of **1400 m²**.



Test Yard

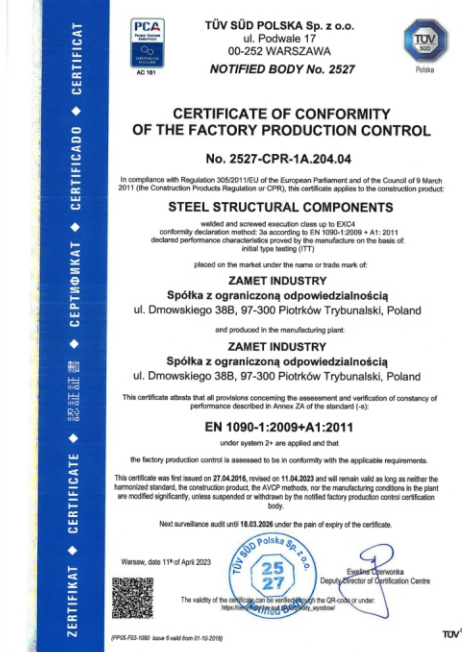
We have an assembly and test yard for large steel structures. This area enables tests outside the production hall and is equipped with a tower structure as technological support. The yard dimensions are **25 m x 35 m**, with a load capacity of **11 t/m²**.



Certificates and Standards

Maintaining the leading market position requires continuous improvement and the highest quality guarantee.

Our quality is confirmed by numerous certificates:



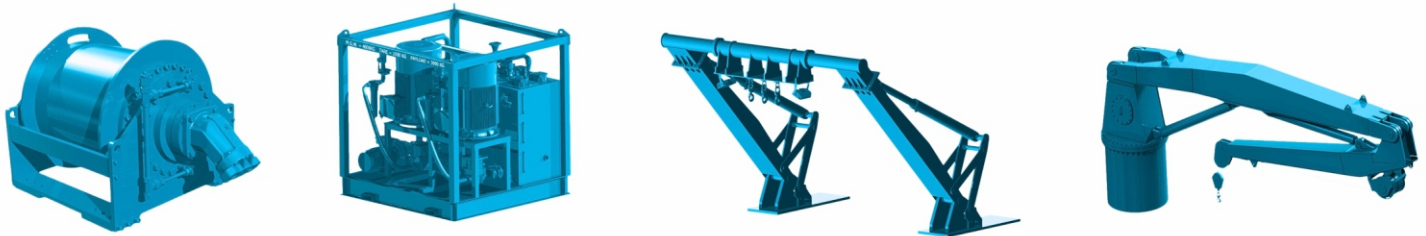
Zemet Engineering

Zamet Engineering specializes in engineering consulting focused on optimizing production costs and maintaining functionality.

Services Include:

- Detail Engineering: Supporting the execution of large-scale structures using client documentation, optimizing for standards and cost.
- Proprietary Designs: Custom solutions for mining, including vertical transport systems and mineral processing equipment.

For Whom? Our services are tailored for the Oil & Gas, material handling, and mining sectors, particularly for companies without in-house design capabilities, seeking cost-effective, custom solutions.



Detail Engineering – Adding Value Beyond Production

Our Detail Engineering service benefits Oil & Gas and material handling sectors by not only producing structures but also optimizing designs and documentation, thus reducing costs and enhancing functionality.

Services Include:

- Preparation of documentation, 3D models, and assembly drawings.
- Structural and functionality assessments for optimal design and operational readiness.
- New manufacturing technologies and material efficiency analysis, including 3D measurement-based structural optimization.

Mining Sector Solutions

For mining, we offer custom designs such as:

- Vertical Transport Equipment: Skips, cages, and rope wheels.
- Mineral Processing Equipment: Filters, jigs, screens, and more for enhanced mineral processing.





Let's Collaborate

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