



scope of services



**Womet is a Polish company that has been on the market since 2004.**

Our core business are accessories and equipment for energy industry, construction industry, farming and shipbuilding.

The dynamic growth of our company has resulted in broadening our production and services, thanks to which we stand out from other Polish producers.

For over 10 years of our operations we have gained valuable experience and created possibility to produce very unusual elements in accordance with our client's documentation.

We guarantee a comprehensive execution of orders with precision CNC machining, burning details with laser, welding and applying powder paint.

To satisfy our clients' needs we also offer hot-dip galvanizing, anodizing and hardening.



services

 CNC machining

 Laser cutting

 CNC metal sheet bending

 Welding

 Vapor blasting

 Powder coating

# CNC machining

We offer a wide range of services from traditional machining as well as with the use of the latest technologies and CNC machines.

We provide the service with the use of machinery equipped with CNC automatic machines allowing us to ensure comprehensive service in large batches as well as in small orders.

We offer advanced 6-sided machining of complex turned and milled parts.

Thanks to using a counter spindle, the Y axis and the BMT heads we can produce very complex elements.



## TECHNICAL DATA:

Max. diameter of turning	Ø500 mm
Max. diameter if the turning rod	Ø80 mm
Max. turning length	705 mm
Movement in axis X	260 mm
Movement in axis Z	795 mm
Movement in axis Y	+/- 50 mm
Subspindle	yes, 0.001°

We perform the service using precision machines:  
DMG Mori, Doosan, Gildemeister.

## REALIZATIONS:



## WE ALSO OFFER:

- turning with traditional turning machines
- machining of elements with millers
- drilling with borers
- cutting with band-saw diameters up 500 mm



# Laser cutting

We offer highly efficient laser cutting with use of optical fiber technology. Our method allows us to cut construction steel, high-grade stainless steel, aluminum and color steel.

We are constantly increasing our efficiency by implementing automatic metal sheet feeding and discharge system, which provides our clients with repeatability of the product and a possibility to order bulk quantities.

## TECHNICAL DATA:

Max. sheet size 1500x3000 mm

Max. sheet weigh 900 kg

## MAX. MATERIAL THICKNESS:

Construction steel 25 mm

High-grade stainless steel 20 mm

Aluminium 25 mm

Copper 10 mm

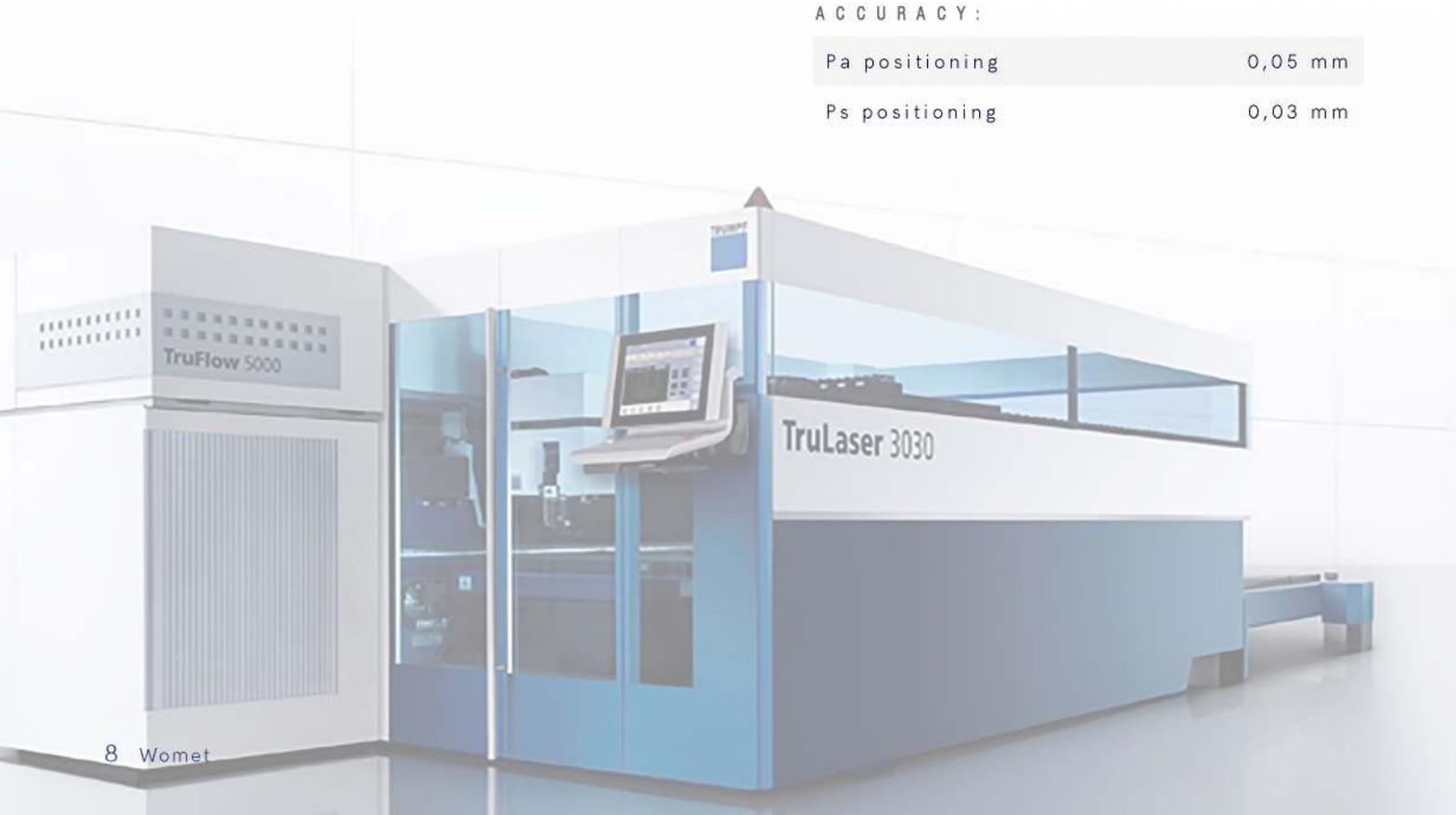
Brass 10 mm

## ACCURACY:

Pa positioning 0,05 mm

Ps positioning 0,03 mm

## REALIZATIONS:



# CNC metal sheet bending

We do standard bending with the use of radius tools and a step-by-step bending method that is useful in case of significant radiuses , cones, reductions.

We do bending on highly efficient Swiss bending brake Bystronic Beyeler.

Bystronic Beyeler bending press is equipped with a hydraulic compensation of the deflection controlled by the CNC unit, which ensures high precision of the bend on the whole length of the bend.

We guarantee achieving high quality elements in any quantities and 100% repeatability of the shapes without any damage to the material.

## TECHNICAL DATA:

Max. bend length	3100 mm
Max. pressure	225 t
Control	CYBELEC
Table deflection compensation	yes

## REALIZATIONS:



# Welding

We provide welding services of large frames requiring tightness or large loads resistance, as well as small details.

We use Kemppi machines with Mig/Mag method.

We offer to our clients a wide range of welding services of carbon steel, alloys and acid resistant steel. Thanks to our highly specialized staff and world class equipment we guarantee high quality of the service we provide.



## REALIZATIONS :



### TECHNICAL DATA :

Max. weight of the element	3500 kg
Welding of structures requiring leak tightness	yes
Welding with the use of welding manipulators	yes
Structures from stainless steel and carbon steel	yes

# Vapor blasting

We offer professional preparation for painting with vapor blasting SA 2 1/2 according with PN-ISO 8501-1 norm.

The surface has one color, so called white metal the cleaned element is perfectly prepared for painting.

Applying vapor blasting in a technological process provides our clients with high quality assembly and excellent preparation for further coating of the product.

## TECHNICAL DATA:

Max. size of the element	unlimited
Max. weight of the element	3500 kg
Surface preparation	in accordance with PN-ISO 8501-1 SA 2 1/2

## REALIZATIONS:





# Powder coating

We specialize powder coating of aluminum, steel, galvanized and cast iron elements such as metal frames, advertising structures and industrial machines.

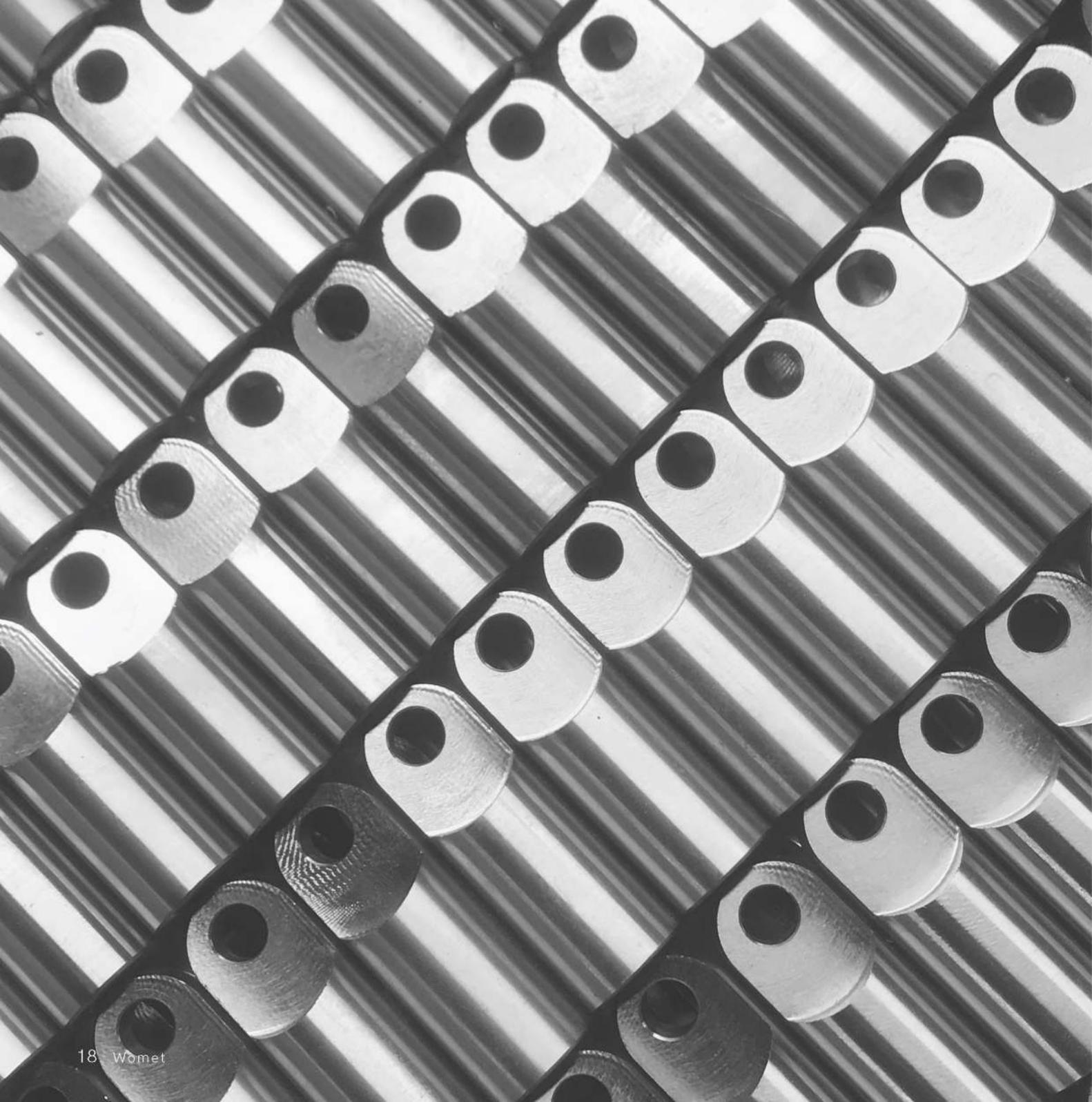
We use a wide range of colors (full RAL pallet). We use paints of the best producers, thanks to which we can guarantee high quality of coated elements. We also provide anti-corrosive protection of the highest standard - C5-M, in accordance with PN-EN ISO 12944-2 norm.

## TECHNICAL DATA:

Max. weight of the element	1000 kg
Max. length of the element	5700 mm
Max. width of the element	1600 mm
Max. height of the element	2300 mm
Surface preparation	chemical/grinding
Coating with an electrostatic method	yes

## REALIZATIONS:



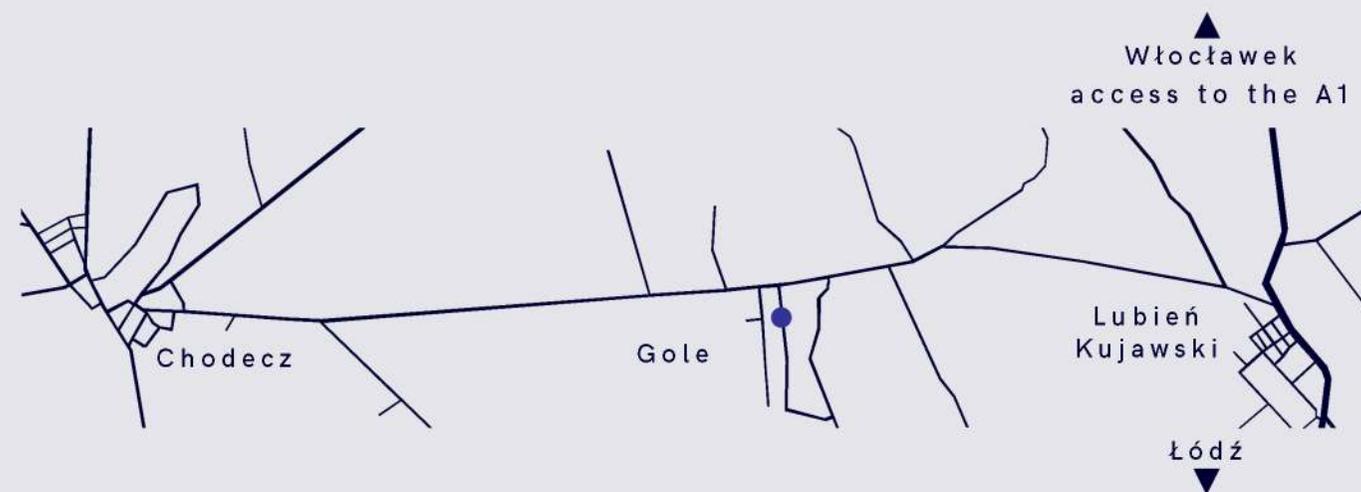


LOCATION OF OUR COMPANY:

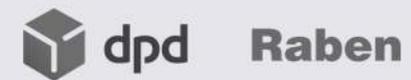


Our company is located in the central part of Poland, in the area of contact between the four provinces: Kuyavian-Pomeranian, Masovian, greater Poland and Łódź, and in close proximity to the A1 motorway and the DK91.

WARSZAWA	163KM
ŁÓDŹ	85KM
POZNAŃ	172KM
BYDGOSZCZ	132KM
TORUŃ	90KM



Finished products are shipped to customers through DPD and Raben courier service companies. We are able to deliver custom orders with our own transport.



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