



CENTRUM
OBRÓBK I NUMERYCZNEJ

From the beginning...

...till now

PIWEK Company is a family business founded in 1996 by Krzysztof Piwek.

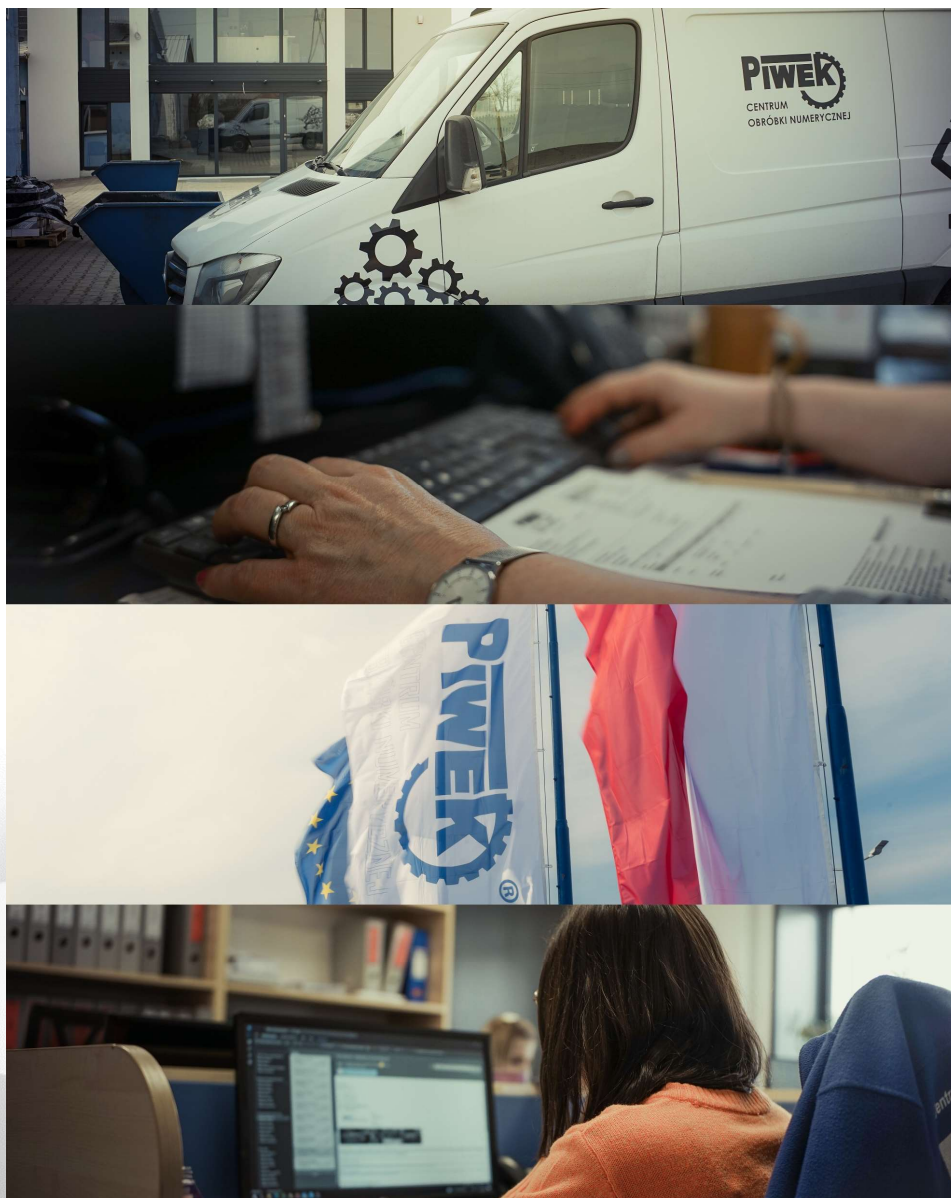
For the first three years of our activity, we have specialized in the production of baby strollers, and we achieved meaningful success in this area. That period was the time when we also worked out opinions about our company as a relevant and professional business partner.

Year 1999 was crucial for us, as based on observation of the market and changes in the economy, we decided to change the profile of our company.

The good financial results achieved so far allowed us to invest the accumulated capital in new machines and qualified employees, as well as a new path in the history of our company as:



First Lathe Kurt Weiss 1942r.



PIWEK CENTRUM OBRÓBK NUMERYCZNEJ

For 27 years, the company has been working with machining ferrous and non-ferrous metals. Currently, we have 3500 square meters of production area, and we deliver about 500000 pieces per year to over 20 countries around the world. Our products are known for high and repeatable quality assured by qualified staff

OUR EMPLOYEES

...as we owe them our success...

Our employees are the foundation and the biggest investment of this company. This is why we care about their competences and regularly send them to specialized trainings, to be up to date to technological innovations.

1996

2000

2004

2008

2016

2023

1 person

12 people

30 people

55 people

88 people

109 people

WE EDUCATE

Since 2015 we have offered internships in terms of CNC machining of metals and also conventional machining. Practice lasts for 3 years.

2015

2016

2017

2019

2020

2023

1 intern

1 intern

1 intern

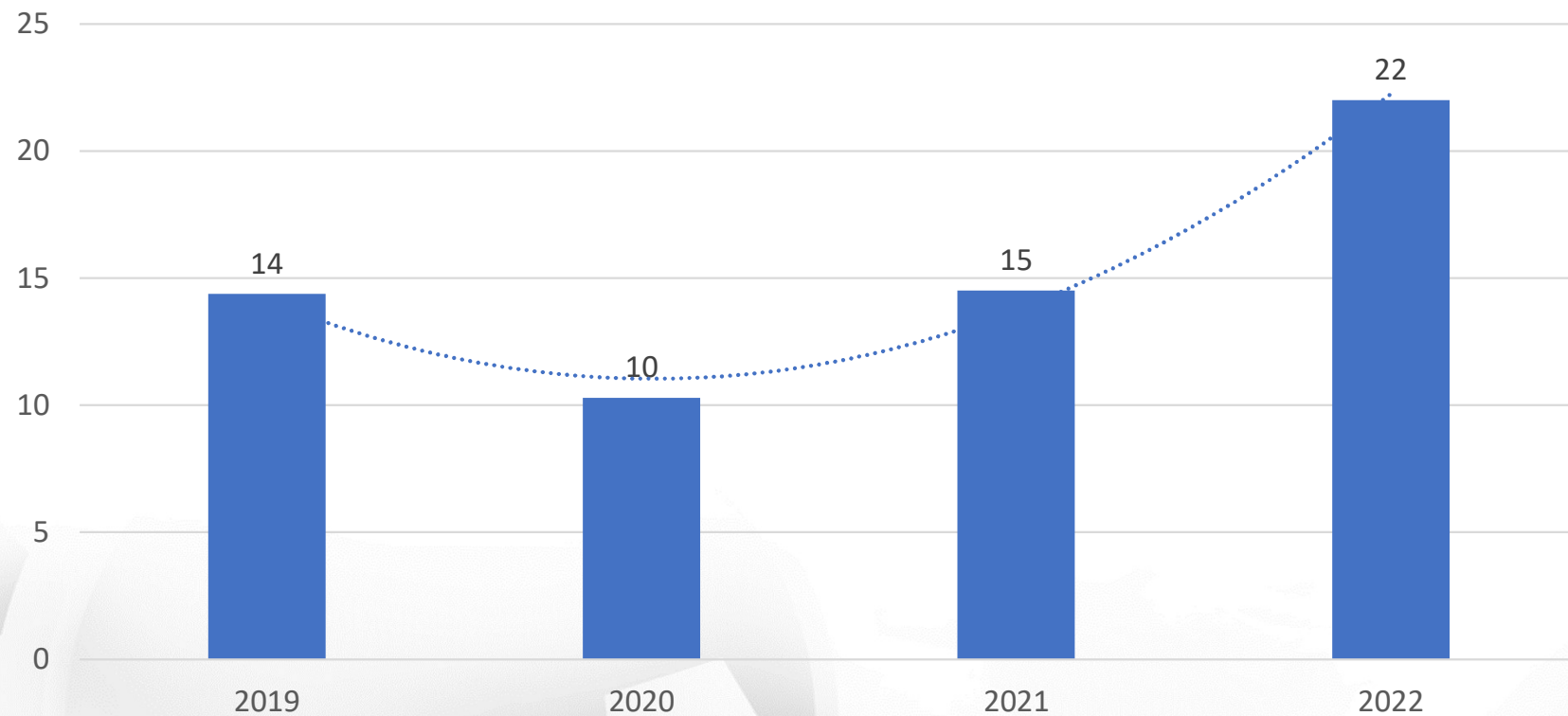
4 interns

2 interns

6 interns

TOTAL SALES

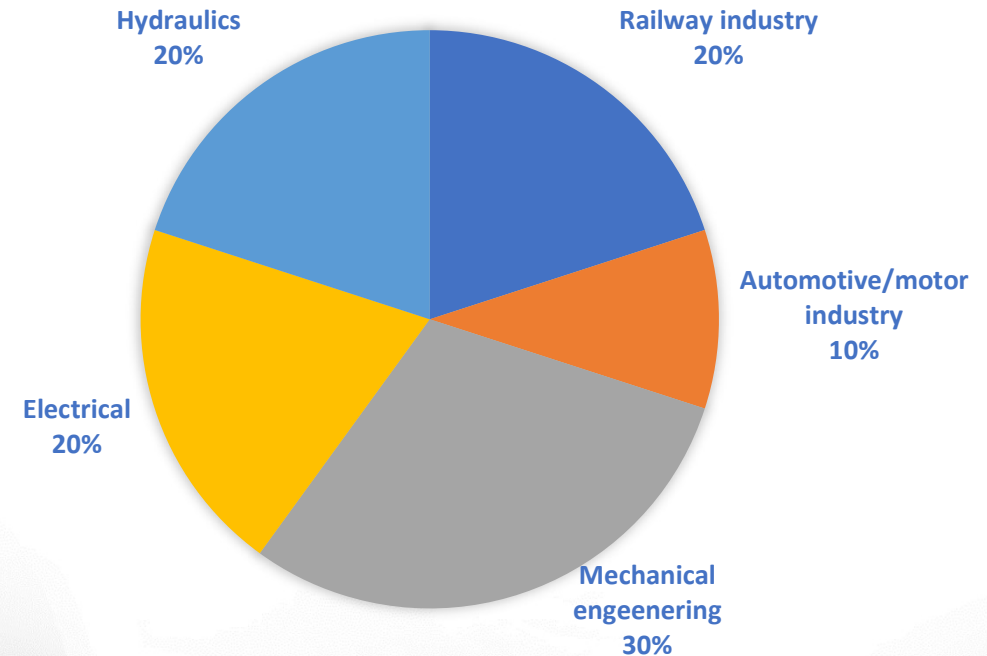
Sales (in milions of PLN)



INDUSTRY

- Mining
- Gas industry
- Automatics
- Factory mechanics
- Construction of aviation and space components
- Hydraulics
- Automotive
- Railway industry
- Construction industry
- Forestry
- Pharmaceutical industry

INDUSTRY

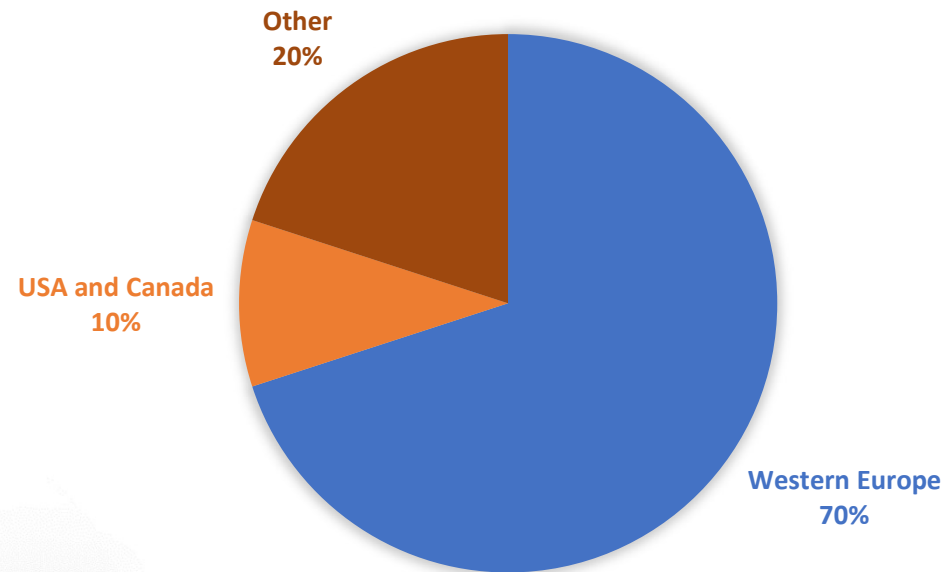


MARKETS

MARKETS

Markets	Percentage
Western Europe	70%
USA and Canada	10%
Asia	0%
South America and Mexico	0%
Eastern Europe	0%
Near East	0%
Australia	0%
Others	20%
Overall	100%

MARKETS



OUR COMPANY

- | | | | |
|-----------------------|-------------|-----------------------|----------------|
| <input type="radio"/> | Germany | <input type="radio"/> | Denmark |
| <input type="radio"/> | Switzerland | <input type="radio"/> | Estonia |
| <input type="radio"/> | Austria | <input type="radio"/> | Slovakia |
| <input type="radio"/> | Belgium | <input type="radio"/> | Norway |
| <input type="radio"/> | Finland | <input type="radio"/> | Czech republic |
| <input type="radio"/> | Sweden | <input type="radio"/> | USA |
| <input type="radio"/> | Italy | <input type="radio"/> | China |
| <input type="radio"/> | Turkey | <input type="radio"/> | Indonesia |
| <input type="radio"/> | Spain | | |



HALL 3 / 2023

In the second quarter of 2023 there will be opening of the third hall.



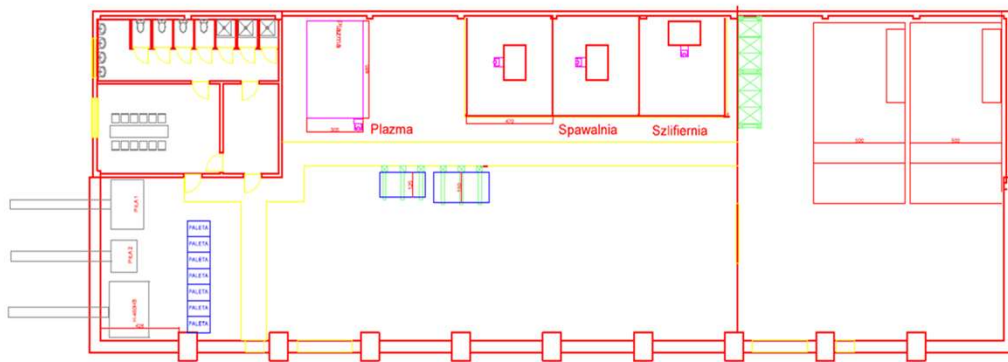
In the third hall mainly there will be a paintshop and a dryer.

Currently, we paint with water paints of Mader, Lankwizer, and Feyko.

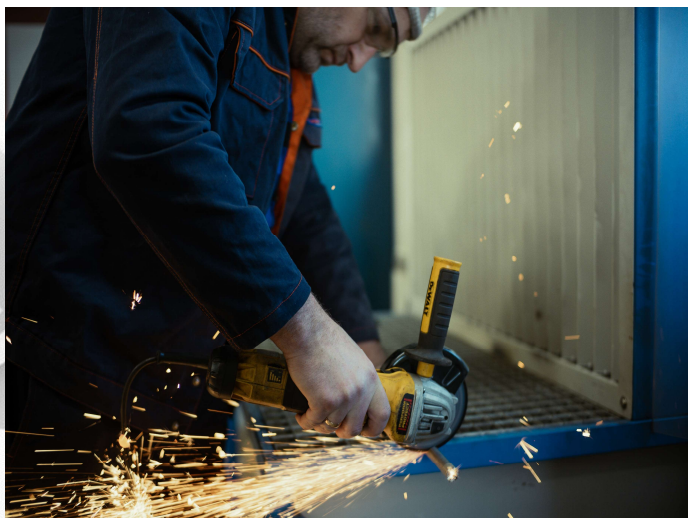
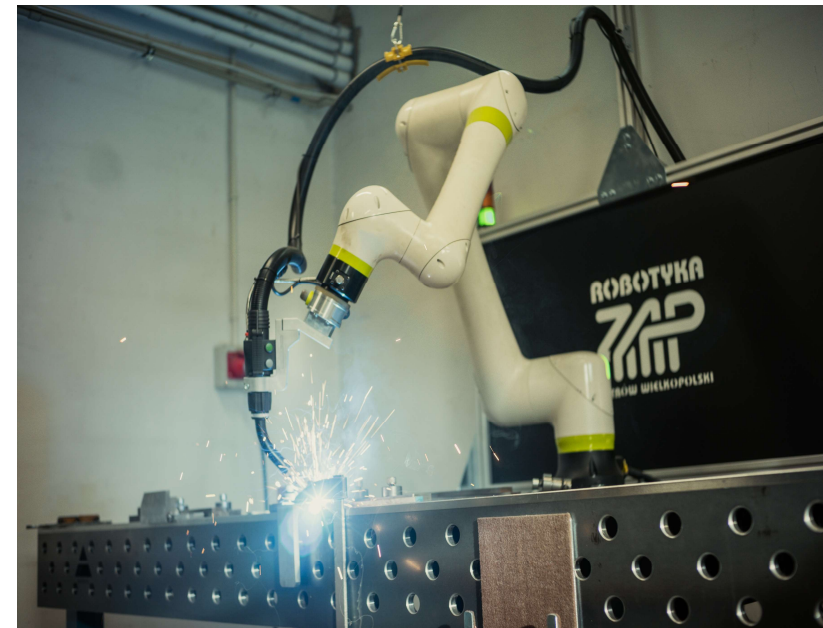
We also invest in blasting chambers. In the second part of the hall, we will expand a welding station.

Currently, we prepare automatic welding station for cylindrical parts as tubes assigned for the production of hydraulic cylinders.

In the mentioned part of the hall, further investment will be plasma and laser cutter, and also edger.



HALL 3 / 2023

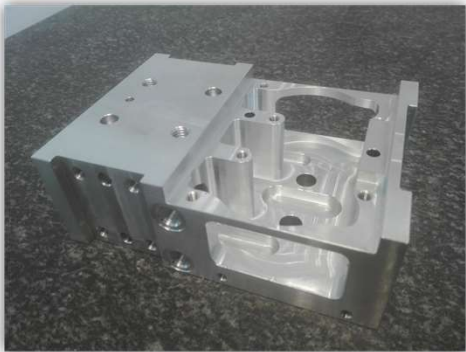
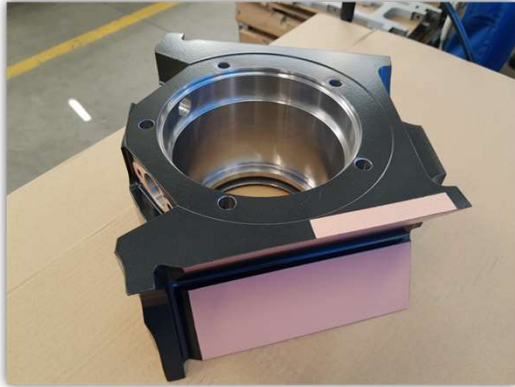


We own photovoltaic installation



Photovoltaic modules were installed on the roofs of our halls in May of 2022. Currently, we produce 140kW of electricity. Our goal is to continue the investment till the end of 2023 and achieve the electricity production level of 380kW.

We offer



Thanks to the latest CNC technology, we can offer:

- CNC Milling (acc. To drawing and instruction)
- CNC Turning (acc. To drawing and instruction)
- Drilling, threading, chiseling, permanent marking, grinding

- Production of complete components
- Realization of average and big batches

What is more, we weld many different materials. Our cooperation partners are efficient, and the processes that they can offer are hardening, blacking, laser cutting, and zincing according to our specifications.



News



We weld steel, stainless steel and aluminum using MIG/MAG methods



For needs of our clients we offer:

- Gluing/Bonding
- Turning
- Pressing the bearings
- Pressing the sleeve
- Gear assemblies
- Sealing
- Application of lubricants
- Installation of seals, springs and many more!



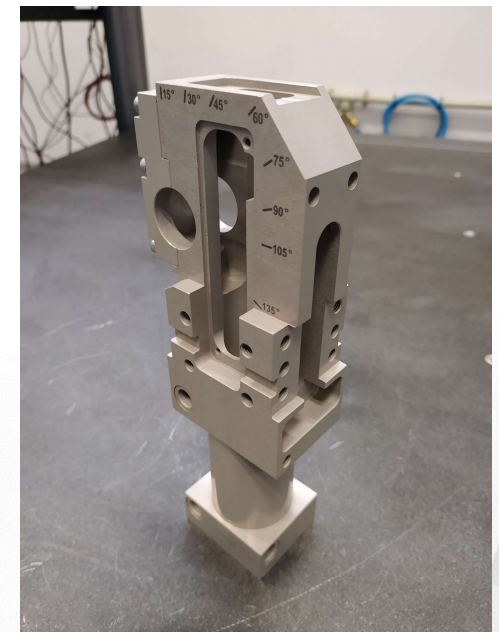
- Shot blasting
- Glass blasting
- Sanding
- Trolling
- Polishing



Packing / Deburring



Permament marking

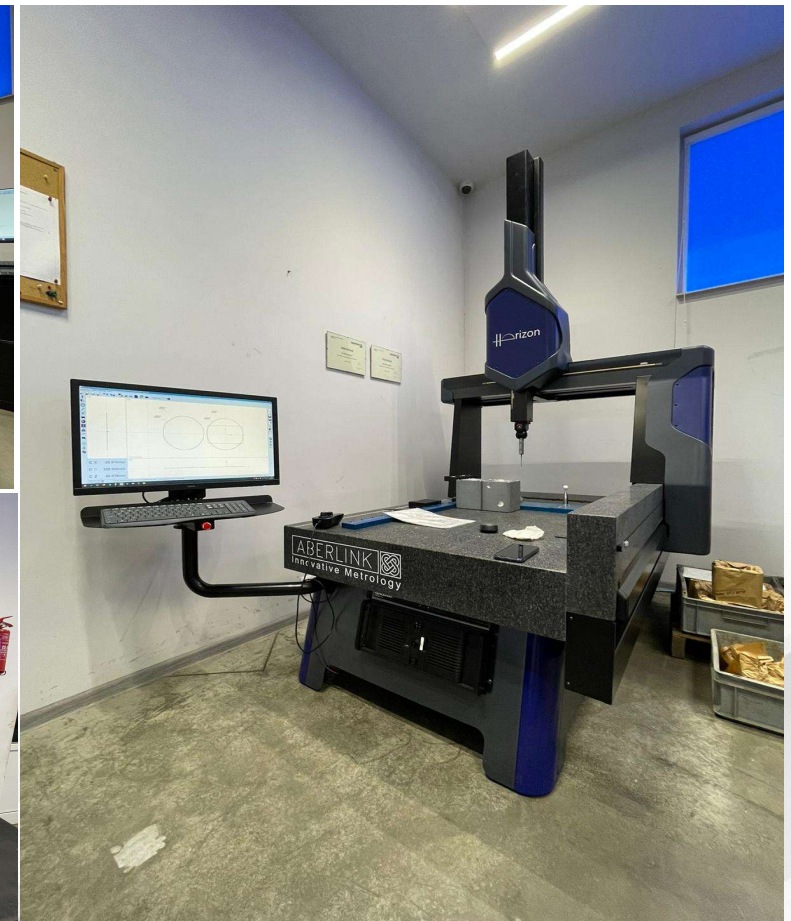
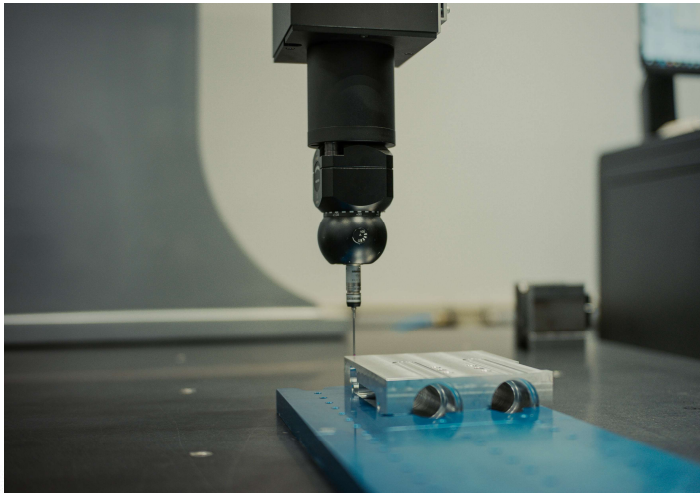


Our marking possibilities

- With laser
- Micropoint
- engraving

Quality

We work with many different quality standards and tools such as FMEA, CONTROL PLAN, PPAP, FLOW CHART, 8D REPORT. We also perform analyses such as CMK and CGK and also plan to implement process capability and performance indicator – Cp, Cpk, Pp, Ppk



Measurements services

We have extensive metrological facilities, thanks to which we measure shape and contour errors. We measure the hardness and roughness of the surfaces



Our Certificates

ISO 9001:2015 – Quality management system

ISO 14001:2018 – Company performs according to environment

ISO 45001:2018 – Health and safety

VDA 6.3 – Automotive standards

ISO 15085 CL1 – Approval of welding parts for railway industry

ISO 3834 – Machine construction welding



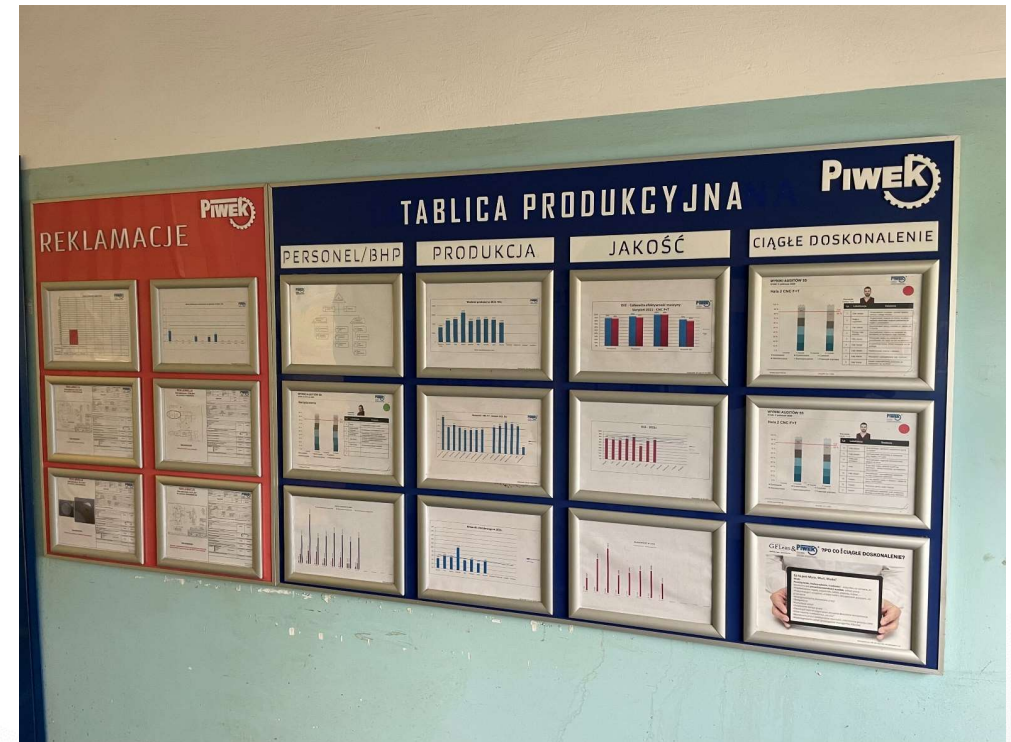
Our plans for 2023:

- **Production digitalization implementation in order to mitigate the distribution of paper documents.**
- **Purchasing of laser and edger to widen our services**
- **Add the plasma cutter to the machine park**
- **Purchase the automatic circular saw**
- **Investment in robotic manufacturing cells**
- **Automations, optimizations of processes**
- **Expanding of photovoltaic farm**
- **Lowering the costs of producing**
- **Expanding the paintshop with another workplace with automatic hanging system in order to lower the costs of the proces.**

Lean Manufacturing = Success

These terms are not new for us:

- KAIZEN
- Ishikawa chart
- 5 Why
- 5S
- Control Plans
- Pareto charts



Industry 4.0 ERP/MRP/CRP



The high quality of our products largely depends on the use of cutting-edge technologies. It is very important to develop all processes from order acceptance to fulfillment.

The overriding goal of the project is to: develop processes in all areas of the plant, increase productivity, improve product quality, delivery on time, simplify processes, and reduce inventory levels.

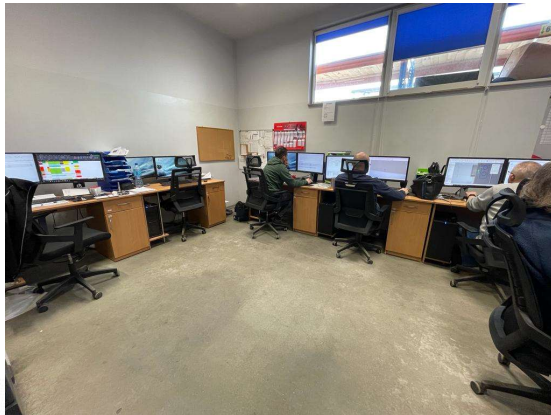
The project allows to increase customer satisfaction and constantly strengthen the Company's position on the market. We are currently implementing the "Continuous Improvement" project. We have been cooperating with ERP System Monitor since 2019.

Technology all in 1 (PDM)

From plans, through projects to ready made product

Process engineers are working with the latest software such as: CAD/CAM, takim jak Edgecam, Autocad, Inventor, Mechanical, MazaCam

Product Documentation Management is being performed with the help of PDM Autodesk Vault



In order to offer the highest quality products for our clients

100%
Client satisfaction

Hall 1 – From the beginning with us.

Conventional milling and drilling machines



Hall 1 5x CNC Lathes



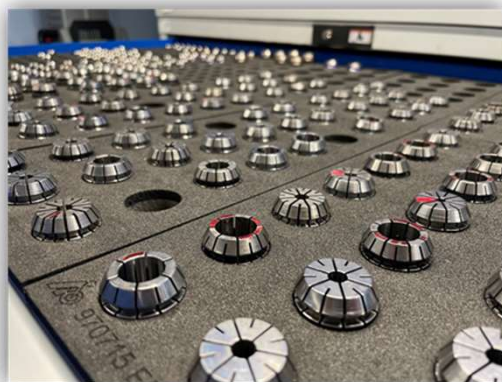
Hall 2 12x CNC Milling Machines



Tool Shop



Tool Shop in ERP



Tools Storage



About 800 WNT CERATIZIT GROUP tools



CNC Milling machines

Machine	TYPE	X	Y	Z	QUANTITY	MAX DIAMETER	MAX LENGHT	AXES	PALLETS
Mazak HCN4000 gen.III	Horizontal	560	640	640	1	630	780	4	2
OKUMA MB5000	Horizontal	760	760	810	1	800	1000	4	2
MAZAK VARIAXIS J-500/5X	Vertical	350	550	510	1	500	400	5	1+robot
MAZAK HNC5000	Horizontal	730	730	800	1	800	1000	4	2
MAZAK HCN4000 gen.II	Horizontal	560	640	640	1	630	780	4	2
MAZAK VCS530C	Vertical	1300	650	600	1	-	-	4	1
MAZAK VTC20CII	Vertical	2000	530	610	1	-	-	4	2
MAZAK HTC400	Horizontal	560	510	510	1	560	630	4	2
MAZAK AVJ-25/405	Vertical	1000	508	460	1	-	-	3	1
MAZAK VTC20B	Vertical	1460	510	510	1	-	-	3	1
BROTHER TC32BN	Vertical	550	400	415	1	-	-	4	2
BROTHER TCS2DN	Vertical	700	400	300	1	-	-	4	1
AVIA VMC800	Vertical	800	540	620	1	-	-	3	1
AVIA VMC1000	Vertical	1000	530	630	1	-	-	4	1



Lathes and Coordinate measuring machines

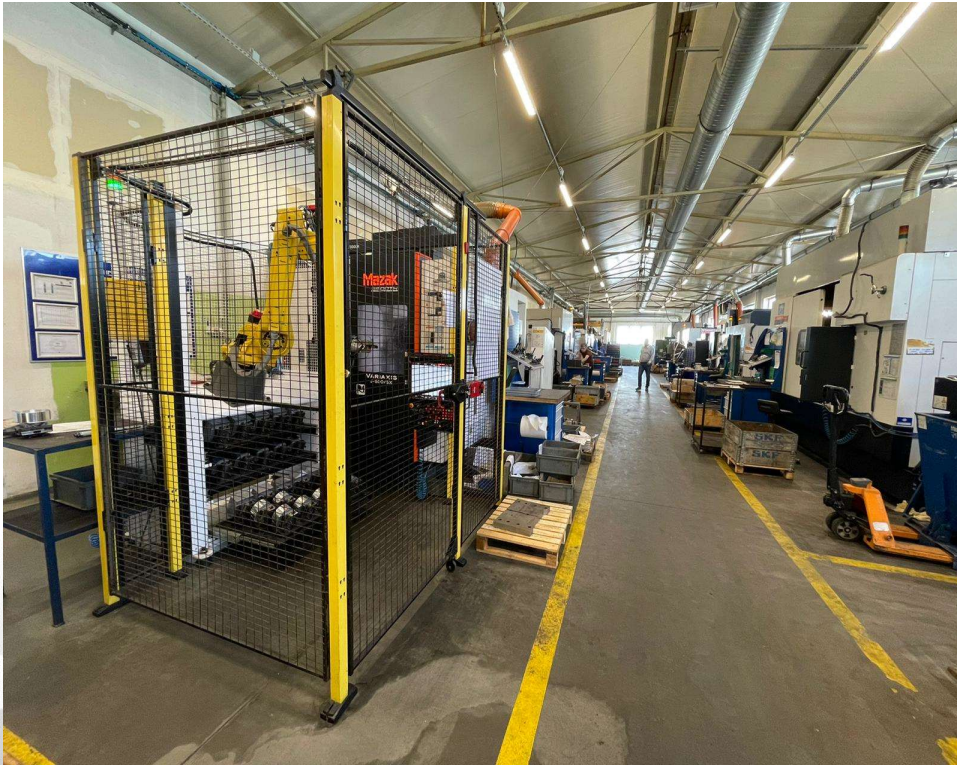
MACHINE	TYPE	X	Y	Z	QUANTITY	MAX DIAMETER	MAX LENGHT	OXES
OKUMA LB4000 EXII MY C1500	Horizontal	300	150	1590	1	480	1500	3
OKUMA LB3000 MYW C1000	Horizontal – automatic	260	115	1010	1	340	800	4
MAZAK QTN100MY	Horizontal	187	100	440	1	280	550	3
MAZAK QTS250M	Horizontal	234	-	625	1	380	660	2
EMAG VL4	Vertical – automatic	740	60	400	1	200	200	3

MACHINE	TYPE	X	Y	Z	QUANTITY	ACCURACY
ABERLINK HORIZON	Coordinate measuring machine	800	1500	600	1	1,8+0,4l/100um
ABERLINK AXIOM TOO 900HS	Coordinate measuring machine	640	900	500	1	2,2+0,4L/100um
ABERLINK AZIMUTH 2000	Coordinate measuring machine	1200	2000	1000	1	2,7+0,4/100um
ZOLLER SMILE 400	Setting tools	210	-	600	1	0,001
NIKKEN XZ 236	Setting tools				1	0,001
SYLVAC 600	Altimeter	-	-	600		
MITUTOYO SJ-210	Roughness Gauge					
ROCKWELL 600A	Hardness Gauge					

Other Machines

MACHINES	TYPE	X	Y	Z	QUANTITY	MAX DIAMETER	MAX LENGHT	AXES
Painting chamber	Spraying	6000	3000	2500	1	-	-	-
Blasting chamber	-	1150	800	900	1			-
Glass blasting chamber	-	1150	800	900	1			-
Circular vibrator	Vibro-abrasive treatment	960	960	400	1			-
WELDING MIG/MAG	Robotized station FANUC CRX	3000	2000	1500	2			-
LASER MARKING MACHINE	Marking laser	500	600	350	1			-
EASY MARKER	Micropoint marking machine	300	650	350	1			-
JOTES SPD 30B	Grinder	1000	300	300	1			-
BOMAR PROLINE 320.280 ANC	Band-saw				1	280		-
BOMAR ERGONOMIC 320.250 DG	Gravity saw				1	250	-	-
CONVENTIONAL MILLING MACHINE	Vertical and Horizontal				6	300	1200	-
CONVENTIONAL DRILLER	Column drill Bench drill				8	300	300	-

Machines



Machines

MB-5000HII Horizontal

- Processing table[mm] 500 x 500
- Processing field [mm] X: 760 / Y: 760 / Z: 810
- Spindle rotation [min-1] 15,000
- Tools quantity: 64
- Power [kW] [30/22]



 **LOKUMA**



Machines

LB4000 EX II MY

- Max. Diameter [mm] 480
- Max. Length [mm] [1,500]
- Rotation [min-1] [3,000]
- Tools quantity 12
- Power (VAC) [kW] 30/22



LOKUMA



Machines

LB3000 EX II MYW + rod feeder

- Max. Diameter [mm] 340
- Max. Length [mm] [800]
- Rotation [min-1] [3,000]
- Tools quantity 12
- Power (VAC) [kW] 30/22

Rod Feeder max. 1000mm



Machines

Coordinate measuring machine ABERLINK



- Axiom Too
800x400
- Horizon
1500x800
- Azimuth
3000x1500



We as the Company

As the company, we are
as good as the people
working there.

Exactly these people
create the success of the
whole company which
thanks to that always
strives for the goal and
develop





Thank You!