

CONTRACT MANUFACTURING







The company DOMEX started its business operation in 1992 in Piława Górna. 10 years later, in 2002, the company was transformed into a limited liability company and moved to a newly built location in Dzierżoniów, within the Wałbrzych Special Economic Area.

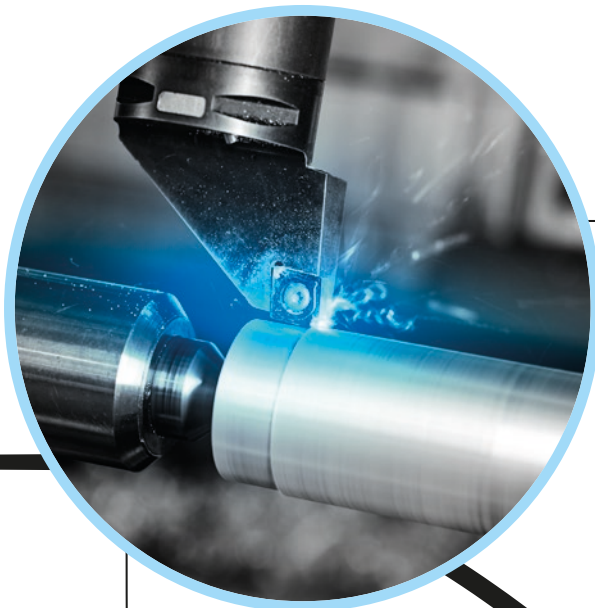
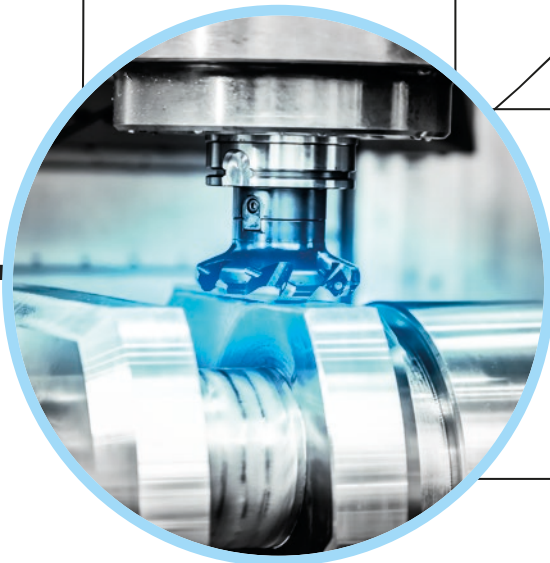
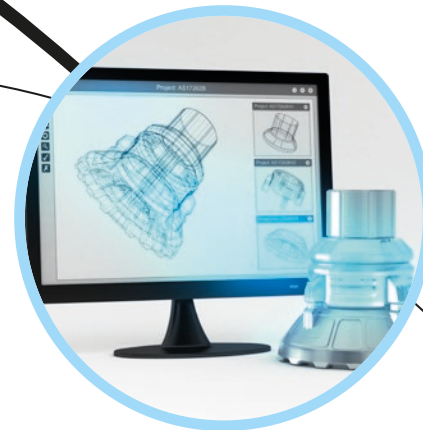
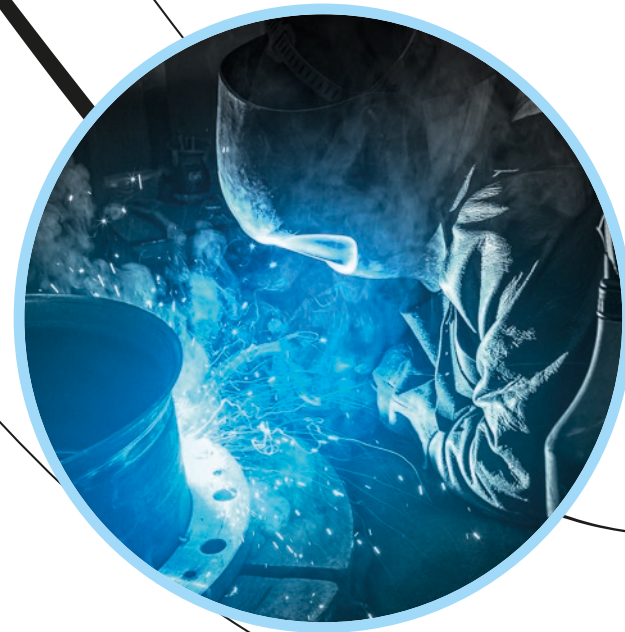
We are one of the biggest Polish manufacturers of water, sewage and gas fittings. Our specialty are hydrants, steel couplings and fittings. Our offer is also complemented by professional services provided in the field of comprehensive CNC machining and powder painting. We have many years of experience and references in contract production for globally recognized companies from many industries including textile, agricultural machinery and automotive.

As a family-owned business with a long tradition, we chose a value-based management model, which determines our sustainable development and decisions we make every day.

The dynamic development of our company due to the expanding production portfolio, the implementation of new technologies and management methods have resulted in an increase in the competitiveness of our company in terms of quality and price, thanks to which we are successful in our industry on the domestic and foreign market. We work on the basis of modern machinery park and innovative technology, while all manufactured products have the necessary certifications and attestations.

The motto of our company is to cover as many needs of the waterworks and wastewater sector customers as possible, thus, in addition to serial products, we also manufacture products according to individual requirements of our customers.

As a contract manufacturing company, we can offer ready-made solutions or participate in the manufacturing process of own-brand products.





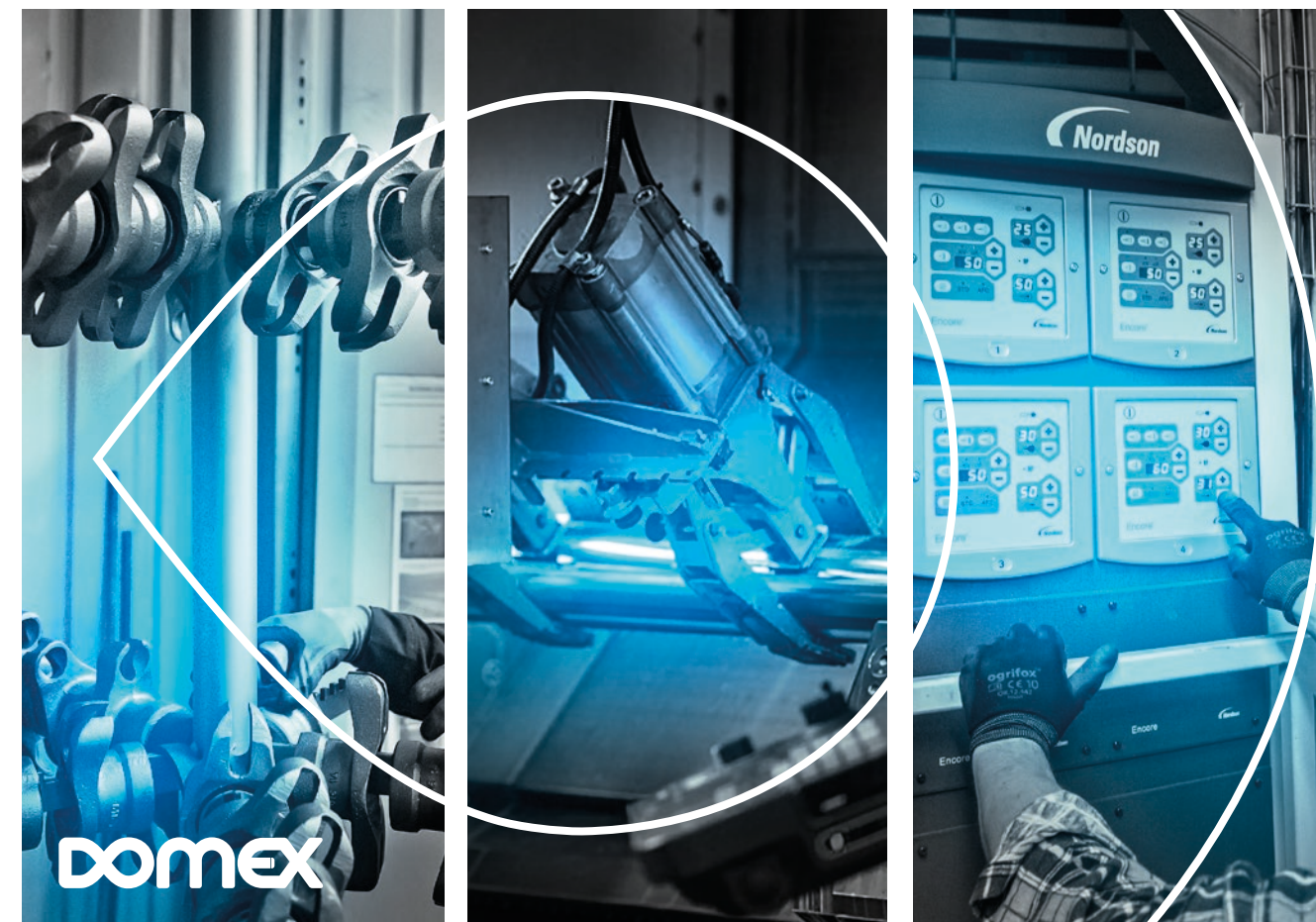


## WE BUILD

Our speciality is metal forming. We manufacture products from the smallest sizes to large-size elements with high precision thanks to the modern machinery park, technology used and the commitment of experienced employees.

Many years of experience in the field of metalworking gives us unlimited possibilities for the implementation of complex projects of our customers.

We carry out both multi-series and individual orders, with keeping the highest quality of performance.



## QUALITY TOGETHER

Our services include, among others, machining on multi-axis machining centers working in 3, 4, 5 axes, including CNC milling as well as turning, grinding and drilling. CNC machining services are supported by professional CAD/CAM design software, thanks to which we are able to perform even the most complicated product. We process materials such as gray iron, ductile iron, steel, aluminum and copper alloys.

We also have extensive facilities in the form of a powder paint shops. One of them is the modern fluidized bed paint shop. The coating that we apply to products is the result of 30 years









of experience and best practices in powder painting, which guarantees the durability of protection against corrosion.

One of the basic values of Domex Sp. z o.o. is to provide the highest quality of manufactured products. We have implemented quality management system based on ISO 9001. Our experts from the Quality Department ensure, at every stage of the production process and directly before shipping to the customer, that thousands of our products meet the highest quality standards and the requirements of customers around the world.



**domex**

— DONE! / PARTNERSHIP /

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# TURNING

Turning is one of the most popular methods of metalworking. We implement this process comprehensively on modern lathes, enabling CNC turning, conventional turning, shape turning, grooving, drilling, cutting and threading. We guarantee the high quality of processed details also through the experience of our operators.

Machine	Maximum turning diameter	Maximum turning length [mm]	Material
DMG CTX BETA 2000	Ø 600	2000	Steel / cast iron / non-ferrous metals
DMG CTX 510 eco V1	Ø 465	1000	Steel / cast iron / non-ferrous metals
Nakamura Tome SC 300 II	Ø 360	600	Steel / cast iron / non-ferrous metals
Conventional lathe	Ø 630	1500	Steel / cast iron / non-ferrous metals



# MILLING

Milling is a constant part of machining all kinds of surfaces, grooves, channels, shaped surfaces or gears, used in almost every industry. To get a good quality detail in terms of design compatibility, you need to use the suitable milling machines and tools. A prerequisite for success is our modern machine park, which allows CNC machining of parts in axes 3, 4 and 5.

Machine	Processing range [mm]	Table size [mm]	Material
DMG DMC 55 h eco (CNC)	560 x 600 x 600	400 x 400	Steel / cast iron / non-ferrous metals
OKUMA MA 400 HA (CNC)	560 x 610 x 625	400 x 400	Steel / cast iron / non-ferrous metals
DMG DMC 1035 V eco (CNC)	1035 x 560 x 510	1200 x 560	Steel / cast iron / non-ferrous metals
DMG DMU 65 mB (CNC)	735 x 650 x 560	Ø 650	Steel / aluminium alloys
Conventional milling machine	1200 x 350 x 400	1400 x 400	Steel / cast iron / non-ferrous metals







## GRINDING

Precision grinding, which we perform at the end of the machining process and creating ordered details, is a finishing method and aims to achieve the highest quality of the product, in accordance with the required technical conditions regarding the accuracy of dimensions and shape, as well as surface smoothness. We guarantee precise surface machining of various materials using our CNC grinding machines.

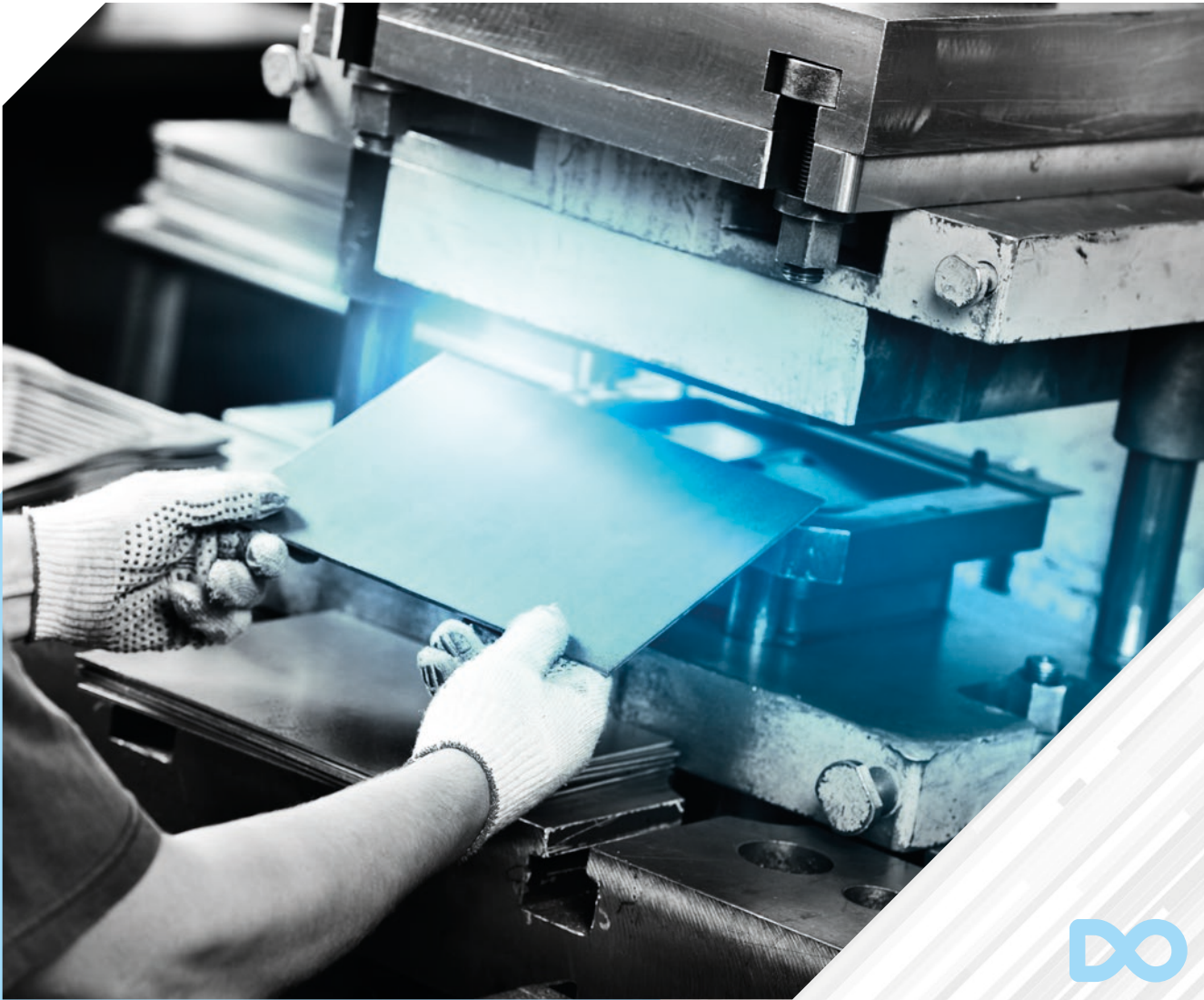
Machine	Range [mm]		Material
	Grinding diameter	Grinding length	
CNC grinder FERMATBUBE 32x2000	Ø 320	L 2000	Steel / cast iron / non-ferrous metals
TOS grinder HOSTIVALBHU 32Ax1500	Ø 320	L 1500	Steel / cast iron / non-ferrous metals
TOS grinder HOSTIVALBUB 40x1500	Ø 400	L 1500	Steel / cast iron / non-ferrous metals
Surface grinder SPC - 20a	-	480 x 200	Steel / cast iron / non-ferrous metals

## CUTTING, PUNCHING, PRESSING AND BINDING OF SHEET

We have mechanical and hydraulic presses with various pressure powers and dimensions of working tables. They are used primarily for shaping metal sheets and other activities that require significant surface pressure. A very helpful tool is also the NCT 2500x4 hydraulic guillotine shears, which makes that cutting a thick sheet is not a problem for us.

Hydraulic presses	
Pressure range	40 t
Working table size	630 x 490 mm

Mechanical presses	
Pressure range	63 t
Working table size	800 x 560 mm





# POWDER PAINTING

In our paint shops we obtain the most durable protective coatings. We have a modern automatic fluidized bed paint shops, ensuring the highest standard of coating as a protection against corrosion. The whole painting process is very efficient. The surface of each element to be coated is previously properly cleaned. Such prepared detail is heated in a special furnace, where the laser sensors constantly controls the temperature, and then placed in a fluidized bed with epoxy powder. After its removing, the excess powder is blown away, and the element is taken to the heating chamber, in which it is kept at a high temperature for several minutes to optimize the curing process of the coating, and then cooled and put back in an assigned place.

Advantages of a paint shop with fluidized bed:

- Increased productivity
- Elimination of human error factor
- Similar coating thickness for each detail
- Optimization of painting conditions and repeatability

Machine	Processing range [mm]	Material
ULVEDAL NC paint shop – Fluidization DX	500 x 500 x 500	Cast iron / steel max 120 kg
ABBO Type I Power & Free Convoeyors 400 paint shop	2600 x 220 x 682	Cast iron / steel max 200 kg
ABBO Type II Power & Free Convoeyors 400 paint shop	Ø 1675 x 220	Cast iron / steel max 200 kg







## AUTOMATIC WELDING

We have a semi-automatic welding station with a work table that enables dedicated circular welding with the option of multi-layer welding. The device has great possibilities of expansion and modification, which allows us to implement many projects of our clients.

Diameter range	400-1500 mm
Height (H)	50-600 mm

Working table	2000 x 1200 mm
Maximum load	500 kg
Welding methods	MIG / MAG Puls

## MANUAL WELDING

We use MIG / MAG and TIG methods for manual welding. We guarantee the highest level of welding services based on the latest technologies using modern equipment and materials. Good quality and durability of welds and joined elements are the result of experience and professional qualifications of our employees.

Working table	2000 x 1200 mm
Maximum load	500 kg
Welding methods	MIG / MAG Puls / TIG
Welded metals	Carbon steel, stainless steel







## BLASTING

Abrasive blasting (shot blasting) is a surface treatment method that we use to clean and leveling the surface. Thanks to the devices we have, the treated surface gains an appropriate cleanliness and roughness, which is perfectly prepared for further work, e.g. powder painting. The blasting methods we use do not cause damage to the cleaned elements.

Machine	Processing range [mm]	Material
Blasting machine Kovo Stanek TZNZ	Ø 1100 x 2100	Ferrous metal
Blasting chamber DOMEXMS-3S	3000 x 3000	Ferrous metal

## INNOVATIVE CNC MACHINING PROGRAMMING

Our work is supported by specialized design software. The knowledge and experience of our technologists and engineers with the assistance of the CAD-Solid Works and CAM-NX design software allows us to implement new engineering projects, which we treat as a challenge and opportunities for further development and qualifications' improvement. We can make 3D models, visualize the detail and implement for production on CNC machines. Such action reduces time and eliminates mistakes, which in turn allows precise manufacture of the desired product.

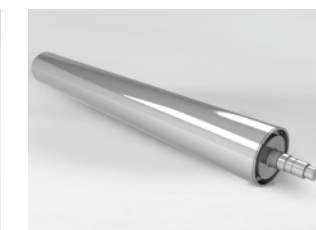
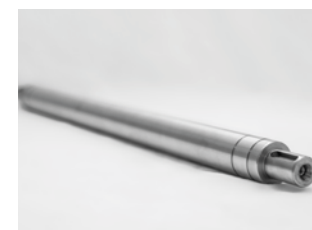




## OUR PROJECTS

For many years we have consistently implemented cooperation projects for Polish and foreign partners. We guarantee a professional and an individual approach to each order and its implementation. We present several projects implemented by Domex Sp. z o.o. below. We are proud that we could design and produce such perfect elements, take care of every detail, from the idea to its implementation. Please feel invited to cooperate with us.

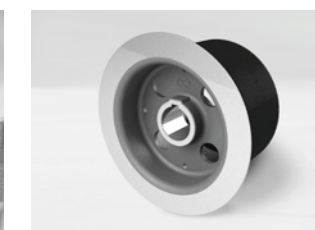
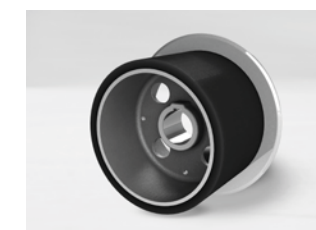
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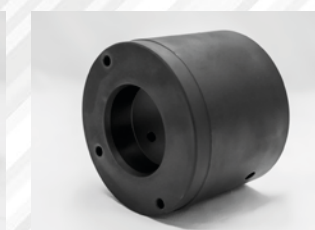
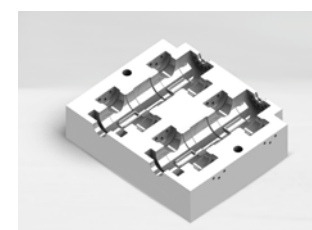
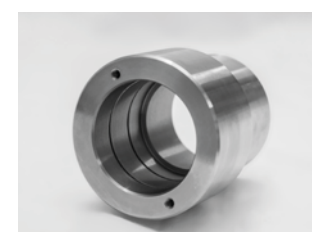
### AUTOMOTIVE



### AGRICULTURAL MACHINES



### OTHER







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