ZAMET

THE PLACE WHERE
PRECISION IS BORN

Contents

Who we are?

About us

We are ZAMET.

A 100% Czech family-owned business that focuses on high-precision and specialised engineering production. We've been at it for over a quarter of a century and in that time we have overcome many obstacles and challenges. Since our beginnings, we have been focusing mainly on **complex engineering projects**, and we also have our own production range of **clamping devices**. We can crack even the most difficult problems.

Complex and difficult projects and challenges are our passion. Our track record speak for itself. **High-precision and specialised** engineering manufacturing is the area where the entire ZAMET brand feels most at home. We make our experience and expertise count in successful implementations that our customers expect. With our components, we make the world of engineering machinery more convenient and more efficient.

Our main goal is to keep on consolidating and expanding our company's position **in Central Europe**, to penetrate the most demanding sectors of the engineering industry and to continue to pursue our company's strategy, which is to supply our customers with the most technologically demanding production outputs according to their requirements, where we can fully exploit our blend of top technology with the engineering skills, experience and dexterity of our operators.

30
years on the market

History and evolution of the company

2022

New ERP system

We invested in an efficient management system, which enables us to coordinate our corporate internal systems and processes all the way from order receipt to dispatch.

2015

Personnel

In February 2015, we passed the **250 employee** milestone and became a corporate entity in terms of staff numbers.

2008 to 2010

Ups and downs

The **ZAMET** company overcame the economic crisis thanks to its staff, quality output and investments in technology infrastructure.

2002 to 2007

Investments

We invested in the expansion of our production capacities and technologies that significantly improved the efficiency of our production processes.

2001

Birth of the ZAMET COMPANY

In this year, the solid foundations of the **ZAMET** brand were laid.

1994 to 2000

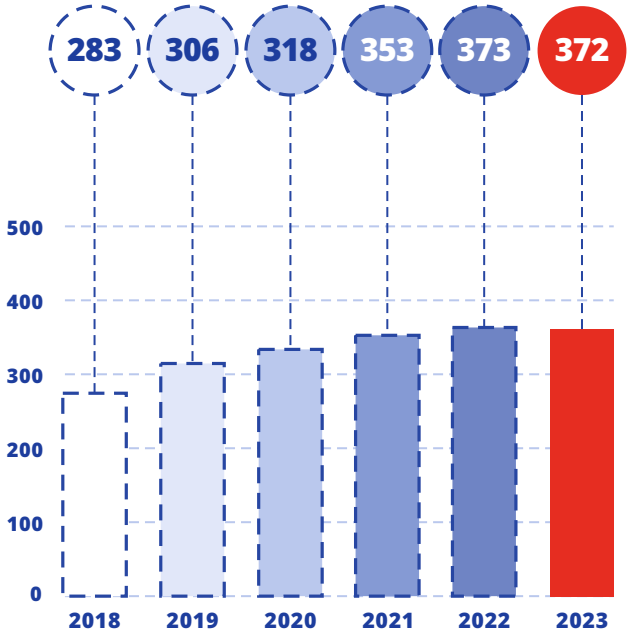
Our beginnings

The period between 1994 and 2000 can be described as the starting point of the evolution of activities under a family business focused on precision engineering production.

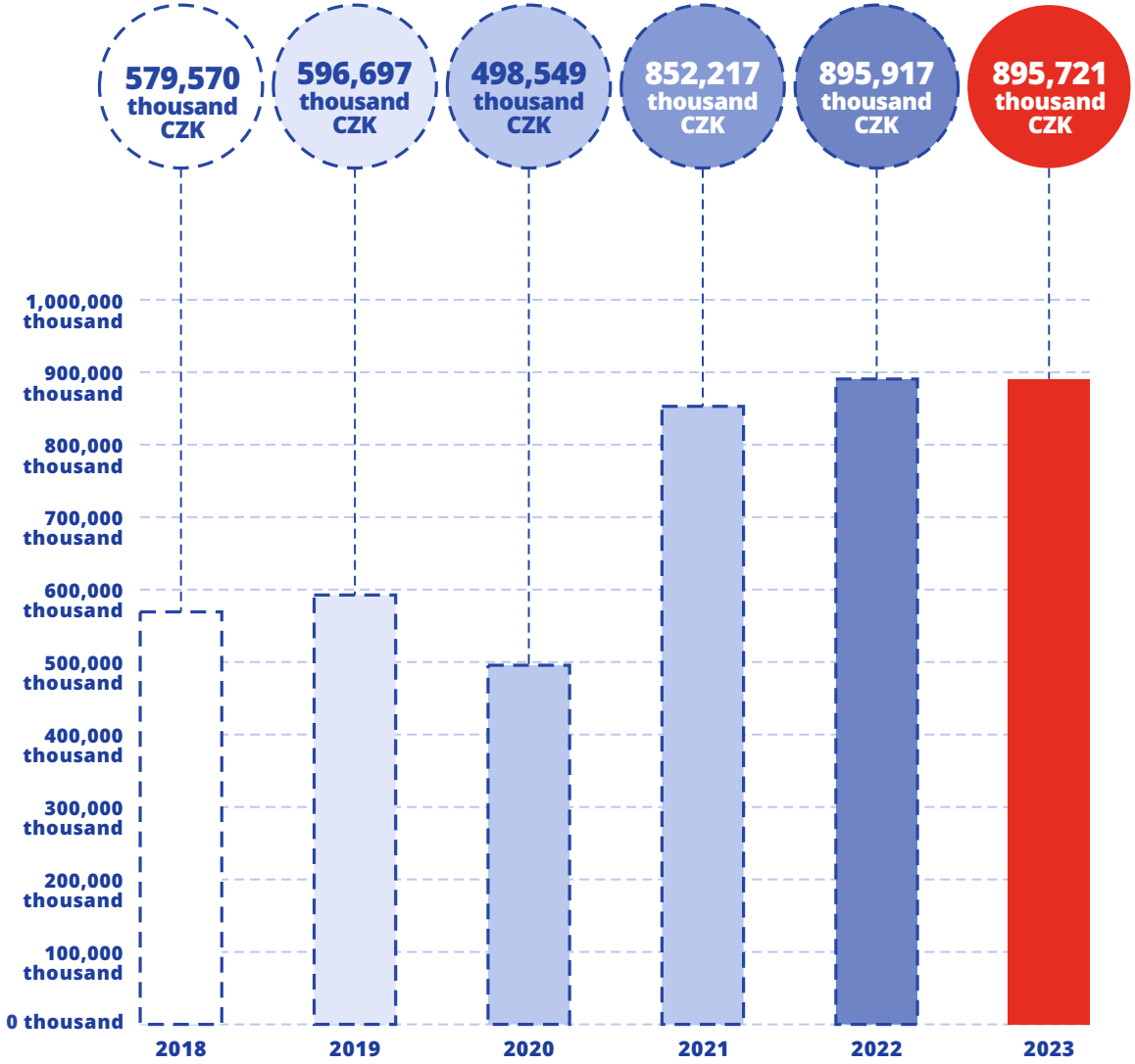
Where do our products go

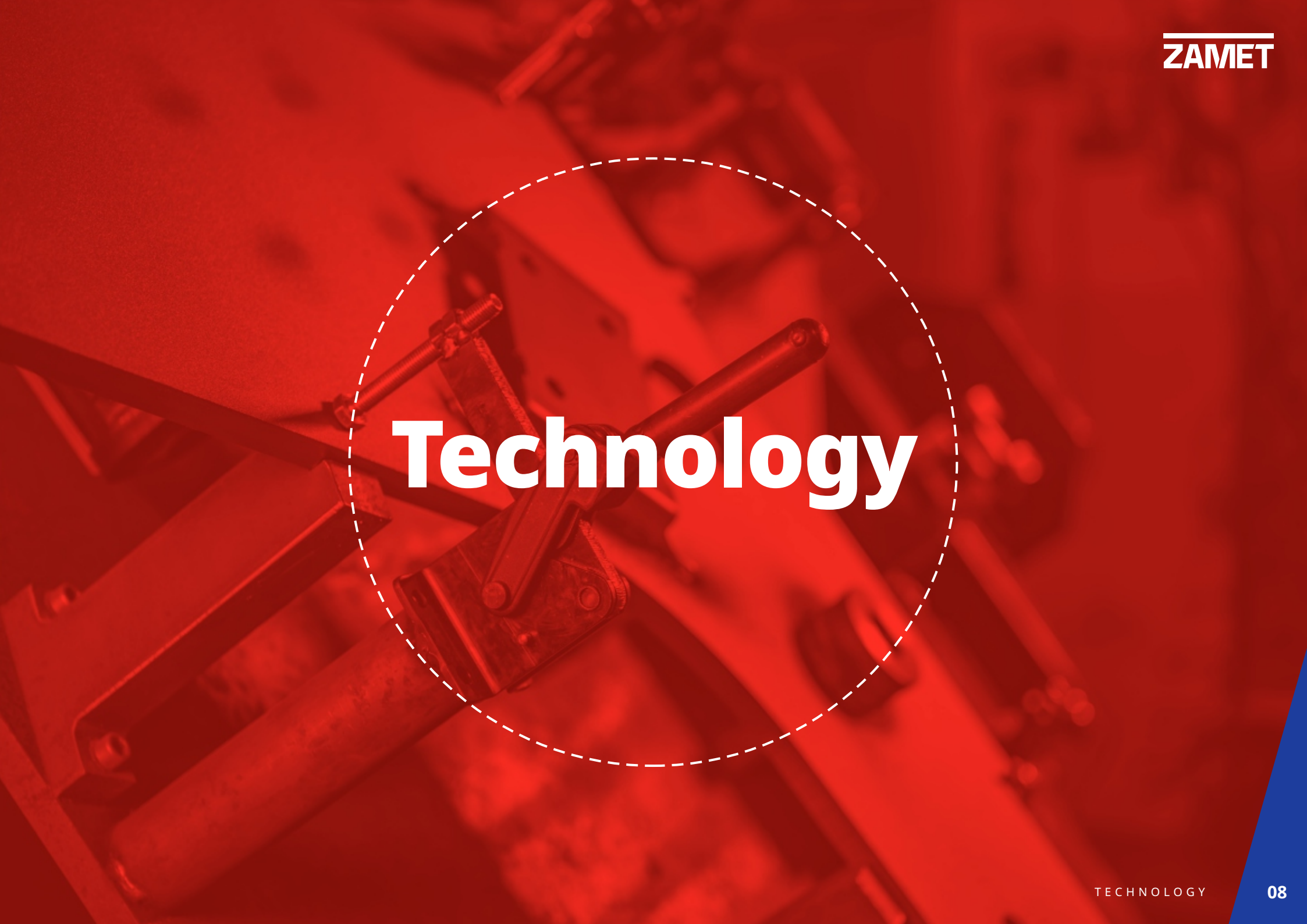
Selected numbers

Number of employees



Financial data





Technology

Laser cutting

We are equipped with vast plant technology in the laser cutting field. For products with both simple and intricate internal and external contours, we use the TruFlow 3030 (L20) and TruDisk 4001 equipped with the CoolLine technology (for targeted cooling of the material during laser cutting when processing thicker structural steel with a thickness of 15-20 mm). Programming is done in either JET/CAM or TruTops software.

3x TRUMPF TruFlow 3030(L20) 3,2 kW
+ LOADMASTER (loader)
- maximum sheet size 3000 x 1500 mm
- maximum thickness of sheets to be cut: steel – 20.0 mm, stainless steel – 8.0 mm, Al alloys – 6.0 mm

1x TRUMPF TruDisk 4001 FIBER 4 kW
+ LOADMASTER (loader)
- maximum sheet size 3000 x 1500 mm
- maximum thickness of sheets to be cut: steel – 20.0 mm, stainless steel – 10.0 mm, Al alloys – 6.0 mm, Al alloys – 3.0 mm

1x TRUMPF TruDisk 8001 FIBER 8 kW
+ LOADMASTER (loader)
- maimum sheet size 3000 x 1500 mm
- maximum thickness of sheets to cut: steel – 25.0 mm, stainless steel – 10.0 mm, Al alloys – 6.0 mm, Al alloys – 3.0 mm

Plasma and autogenous cutting

Omnicut 5000G burning machine

3D plasma and autogenous machine equipped with a drilling machine, for burning 6000 x 2000-mm sheet metal. Programming is done in the SAPSproW software, which guarantees maximum use of the sheet.

Plasma cutting
- The KJELLBERG Hi Focus 360i plasma cutter with a 3D tilting machine torch offers burning of bevel cuts at a maximum angle of 45°, which are used in welding
- Material thickness for plasma cuting: 0.5-35 mm black sheet

Autogenous cutting with a Fit+ torch offers cutting:
- with burnout material thickness 5-130 mm black sheet
- with ramp from sheet metal edge 130-250 mm black sheet

Drill – available only for a single burning machine
- drilling up to 30 mm in diameter, M20 threading

For handling we use an 8-ton forklift and in the hall an 8-ton and a 10-ton crane.

We have sheets with thicknesses of 5 to 70 mm in stock.

Deburring

LISSMAC SBM – L1500 G1S2 (1x) and LISSMAC SBM – M1500 B2 (1x)
maximum workpiece width: 1500 mm
maximum workpiece thickness: 20 mm

LISSMAC SBM – L1000 G1S2 (1x) and LISSMAC SBM – M1000 B2 (1x)
maximum workpiece width: 1000 mm
maximum workpiece thickness: 20 mm

Straightening

It achieves excellent straightening results and also nearly completely eliminates internal stresses in the material.

- Minimum thickness of sheets for straightening: 3 mm
- Maximum thickness of sheets for straightening: 23 mm
- Maximum width of sheets for straightening: 1600 mm
- Minimum length of sheets for straightening: 160 mm

CNC bending

For further processing of workpieces after burning we are equipped with TRUMPF TrumaBend V85-S, V1300, S175 and V5050 CNC press brakes and the latest Trubend 5320 with many additional tools and sensory control of the bending, so that we can guarantee the quality of processing to our customer's requirements.

Machinery we currently have available:

- TruBend 5320 press brake
  – 320 t / l:4200 mm
- TrumaBend V5050 press brake
  – 50 t / l:1250 mm
- TrumaBend V1300 press brake
  – 130 t / l:3200 mm
- TrumaBend S175 press brake
  – 175 t / l:3000 mm
- Trumabend V5230 press brake
  – 230 t / l:3000 mm
- Trubend 7036 press brake
  – 30 t / l:1050 mm
- TrumaBend 7050 press brake
- Inanlar CNC HAP 1730/25
- Straightening press
  – 100 t

Welding

Our extra well-equipped welding plant offers work done on several machines.

- **4x CLOOS CNC Romat 350**
- **3x CLOOS CNC QUIROX**
- **2x CLOOS CNC QUIROX welding cells for welding smaller parts**

Our technology range includes the traditional MIG/MAG and TIG welding methods in protective atmospheres with about 40 welding sources. We use the **TIG** method to weld structural steel, as well as stainless steel and aluminum sheets up to 10 mm thick.

We weld relatively large weldments with nominal dimensions of up to 5 m and weighing over two tons. We also have tubular welding technology for sheet thicknesses of 3 to 50 mm.

We work in a certified management system according to:

- **ISO 9001:2008 with certified welding procedures according to EN**
- **ISO 3834-2:2005 – higher quality requirements under the supervision of a welding engineer and a welding technologist (EWE, IWE, EWT and IVT).**
- **We are certified to EN1090-2+A1 in execution class EXC3 for steel structures.**
- **DIN EN 15085-2 in execution class CL1 for the welding of rolling stock**

Blasting

Larger weldments, as well as basic fabrications, are de-scaled and cleaned of other impurities in our blasting booth or in an overhead blasting machine with an overhead conveyor.

Machining technologies

- **NC lathes**
(turning of rotary parts from 2 mm to 50 mm in diameter from rods and up 280 mm in diameter from segmented materials)

- **CNC lathes**
(turning of rotary parts from 10 mm to 63 mm in diameter from rods and up to 440 mm in diameter from segmented materials)

- **CNC machining centres**
(machining of complex shaped parts up to maximum dimensions of 3200 x 2300 x 1000 mm)

- **Horizontal boring machine**
- **Drills**
- **Classic lathes**
- **Classic milling machines**
- **Grinder**
- **Material splitting**

3D measurements

We provide measurements to our customers on DEA GLOBAL and COORD3 KRONOS 3D coordinate measuring machines and CIMCORE ARM and FARO ARM QUANTUM S manual 3D measuring arms. The measurements can be provided in manual and CNC mode.

CIMCORE Arm 7520

- Portable measuring arm with a measuring range of 2 m, spatial accuracy of +/-0.023 mm and a point repeatability of +/-0.016 mm.

FARO ARM QUANTUM S

- Portable measuring arm with a measuring range of 3 m, spatial accuracy of +/-0.038 mm and a point repeatability of +/-0.027 mm.

Ultrasonic measurement

Ultrasonic measurement helps us to do a very precise job in measuring wall thickness, checking the quality of material and the mechanical properties of materials.

Painting – powder coating

It guarantees quality surface treatment of metals with powder paints.

We are equipped with:
- **3x MAJKA 1629 coating booths (1820 x 1960 x 1400 mm – width x height x depth)**
- **2x H+V Grygov firing furnaces**

If there are other customer requirements, we provide surface treatment by:
- cataphoretic painting
- blackening
- electroplating
- thermal treatments
- hot-dip galvanising

Wet painting

We have extensive experience with painting. We paint components quickly and in high quality. Using modern technologies and precision workmanship, we ensure that the surface of the products is not only resistant to external influences but also visually appealing. You can count on a perfect paint f inish to give your products optimum appearance and durability.

If there are other customer requirements, we provide surface treatment by:

- cataphoretic painting
- blackening
- electroplating
- thermal treatments
- hot-dip galvanising

Sustainability and the Environment

Activities for employees, e.g. “cycling to work.”

Company cars and forklifts run on CNG.

Workshops are equipped with compost bins.

We use waste heat for heating inside of buildings.

More projects are in development (FVE and others...).

Investments

We invest in the development of the company and the modernization of our plant technology, which helps us grow and fulfill the demands of our customers. We focus on investing primarily in the modernization and innovation in technology, which increase effectiveness and quality of the production process. New technology and production processes also open the door to more innovation that give us an edge over our competitors.

Further investments go into fields pertaining to sustainability and development of the company itself, very precise engineering production and exceptional products.

Certificates

Our highly specialised and precise engineering production is highlighted by the certificates we have been awarded. These documents clearly testify to our quality and philosophy, not only in the manufacturing processes but also in the management system.

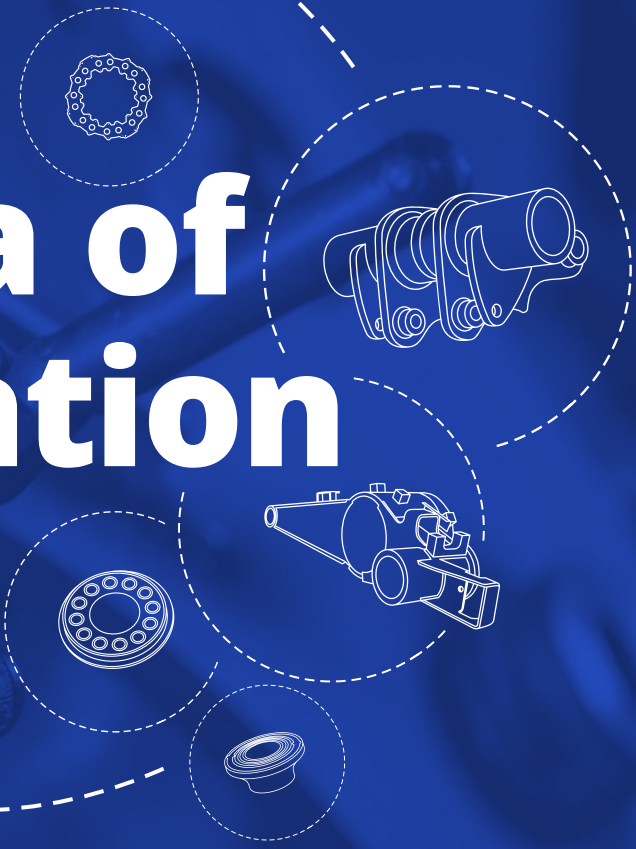
We´ve been awarded by following certificates:

- ISO 9001:2015
  – Quality Management System (QMS)
- ISO 14001:2015
  – Environmental Management System (EMS)
- ISO 45001:2018
  – Occupational Health and Safety Management System (OHSMS)
- ISO 50001:2018
  – Energy management
- EN ISO 3834-2:2005
  – Welding management
- DIN EN 15085-2 CL1
  – Welding of railway rolling stock and parts thereof
- EN 1090-1:2009 + A1:2011 EXC3
  – Method of assessing conformity of steel and aluminium structures

Certificates of quality department staff:

- NDT – non-destructive testing
- NDT VT – visual testing of welds
- NDT MT – magnetic testing of welds
- NDT PT – penetrant testing of welds
- NDT UT – ultrasonic testing of welds

Area of operation



Construction machinery

We produce **machinery parts and components**. We supply innovative solutions to the world's leading brands, which move construction and road infrastructure forward.

COMPONENTS FOR
FRONT AND REAR AXLES

COMPONENTS FOR
CHASSIS

Railway transport

We create precise products, which fulfill the highest quality standards. Within our specialization we focus on the production of **components and parts for trainsets**.

We either create the components according to the drawing documentation or we deal with the entire development and supporting documentation together with the customer. Thanks to our modern technology and expertise, we provide reliable solutions for difficult customer demands in the railway transport segment.

COMPONENTS FOR
RAIL VEHICLES

COMPONENTS FOR
RAIL VEHICLES

Mechanization machinery

We are a major **European manufacturer of parts and components** for construction and mechanization machinery. We create the stories of the machines of global brands, which bring **technological advancement and innovation** into the field of construction and road infrastructure.

COMPONENTS FOR
ARM ASSEMBLY

COMPONENTS FOR
CHASSIS

COMPONENTS FOR
MACHINE COVERS/HOLDERS

Printing production

We create precise products, which fulfill the highest quality standards. We offer the production of components and parts for **printing machines and equipment**, using the newest technology and expertise. Our solutions are designed so that they fulfill specific demands and ensure reliable and effective operation of printing machines.

Clamps

Our quick-release fasteners are products that enable fast, accurate and secure clamping of components. **ZAMET** clamps can easily solve clamping problems during welding, gluing, assembly, riveting, machining on milling machines, drilling machines, etc. **ZAMET** clamping tools are durable, reliable and provide uncompromising quality for both professionals and DIYers.

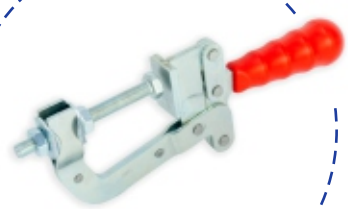

Horizontal


Vertical


Vertical heavy duty


Direct


Hook

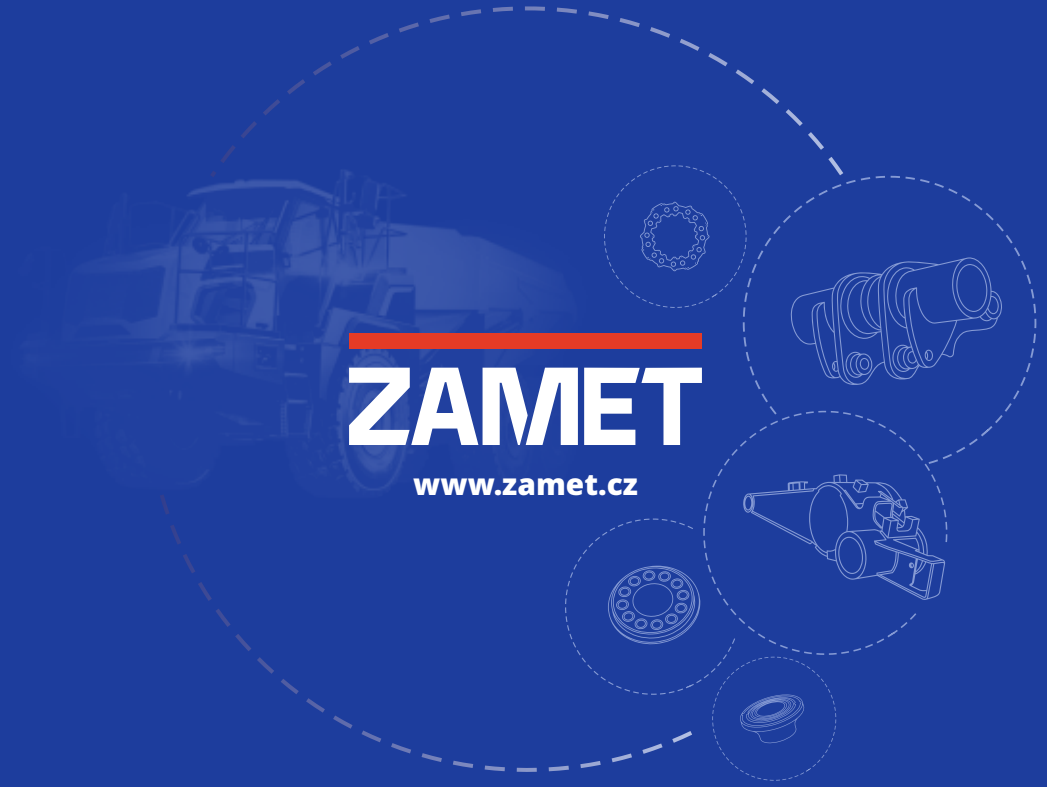

Stirrup


Pneumatic


Gripper


Clamping tongs


Accessories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