

# PRESSMETAL-CZ, SPOL. S R.O.

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Serial production of formed and welded parts

WE FORM PART, WE CREATE THE WORLD

# ABOUT PRESSMETAL

- Established in 2002
- Production hall is located in Trinec and Jablunkov
- Strategical location near to Poland and Slovakia
- Supplying to automotive, construction and engineering industry
- Amount of employees: 70

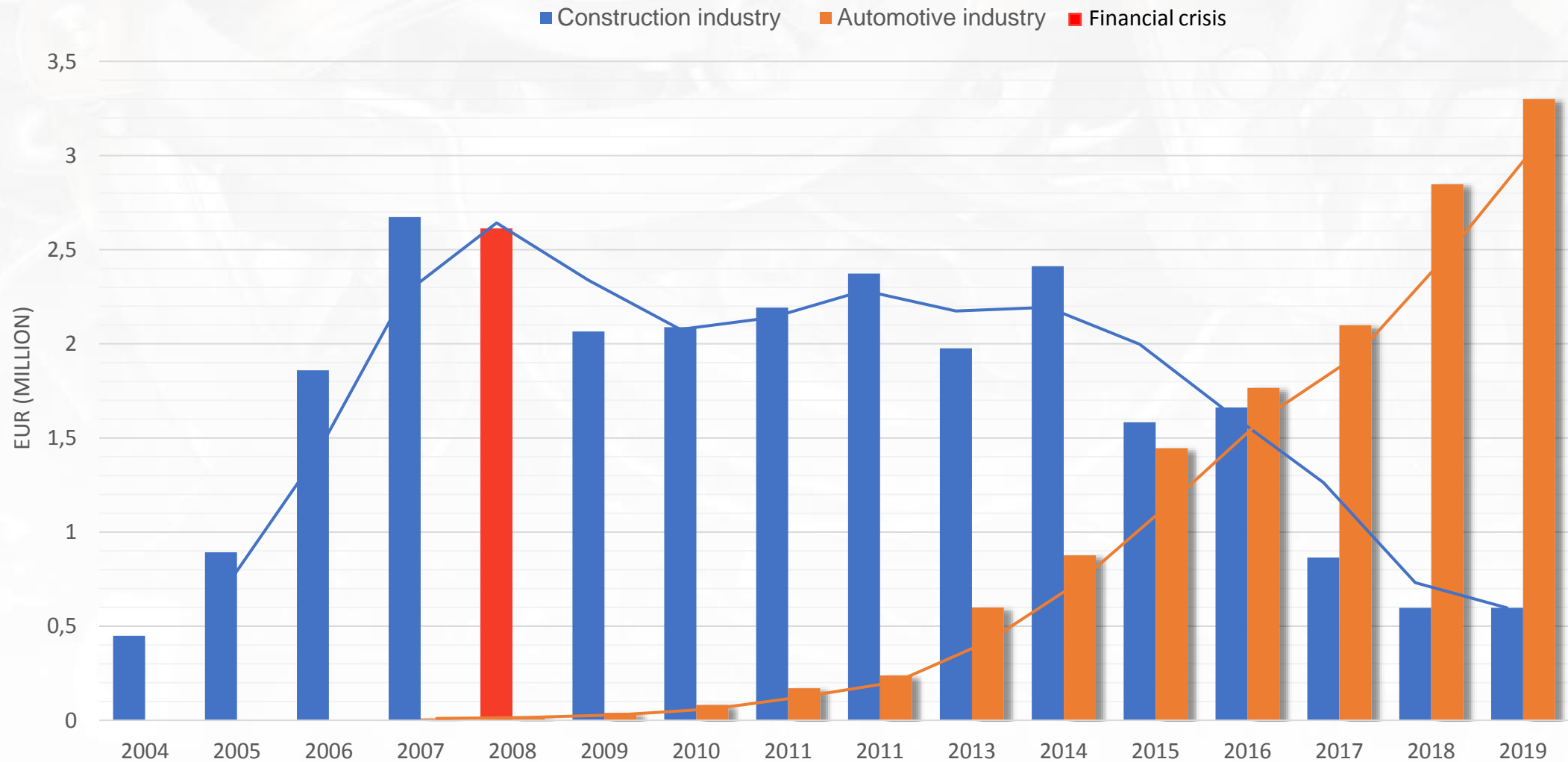


## **DISTANCE from PressMetal-CZ to:**

Praha	392km
Bratislava	262km
Wien	335km
Warszawa	383km
Berlin	573km



# COMPANY SALES – TURNOVER (EUR)



# OUR CUSTOMERS

## Automotive industry:

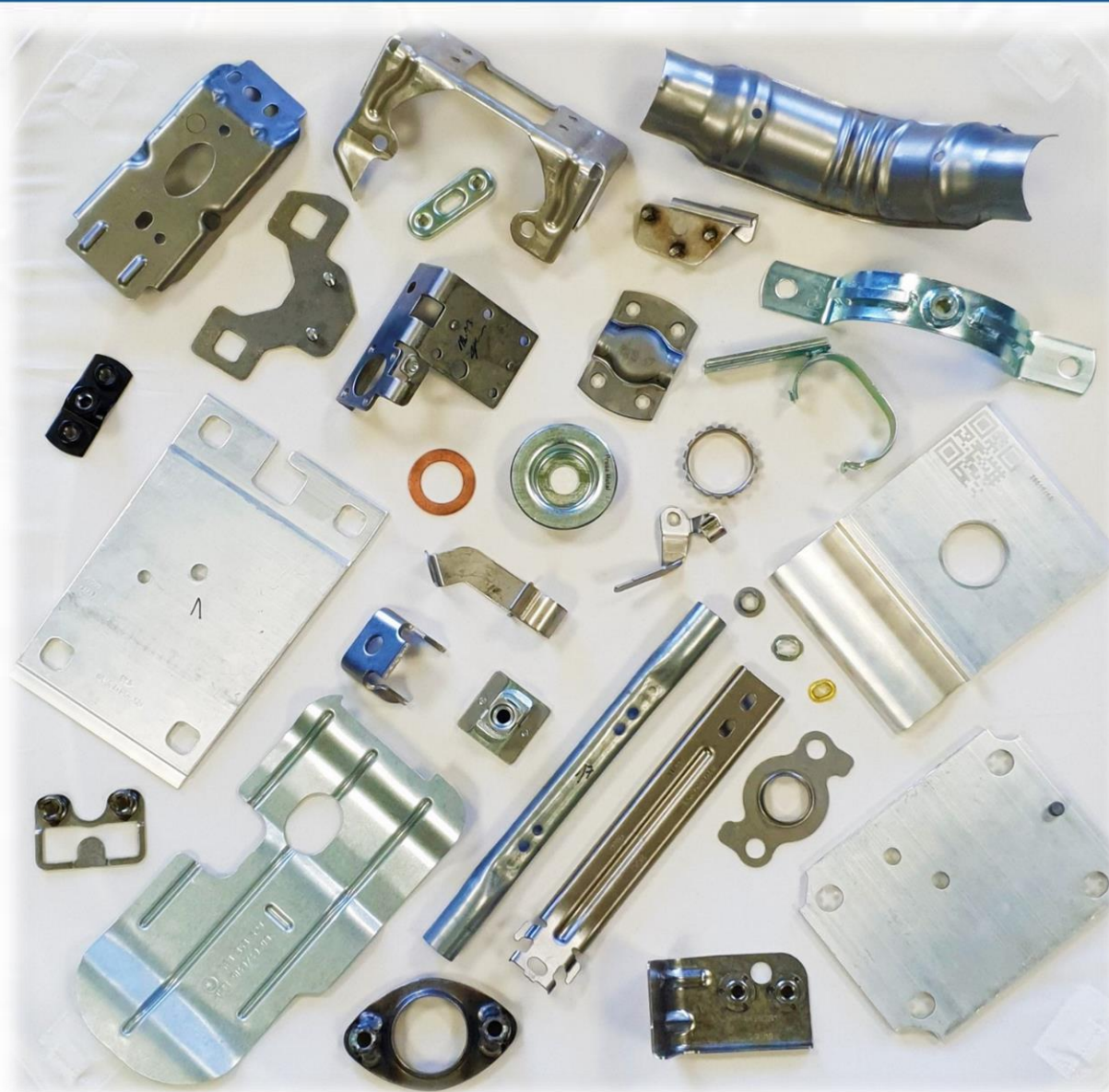
- BMW
- Audi, Škoda, VW, Seat
- Toyota, GM, Peugeot
- Ford, Renault,
- Honda, Suzuki
- Hyundai, Kia
- Rolls royce, Porsche
- Mercedes benz
- Man

## Construction and Engeneering industry

Furniture

Sewing machines

Healthcare



# QUALITY CERTIFICATION

## External audits:

- IATF 16949 standard– since 2018
- EN ISO 3834 standard – Welding quality management scheme – advanced welding quality requirements  
Audit company – **TZÚS**
- EN 1090-2+A1 standard – production of steel constructions  
Audit company - **TZÚS Praha s.p.** since 2012

## Customer audits

Annually PressMetal-CZ undergoes product, process, internal and customer audits.



# QUALITY MANAGEMENT SYSTEM

PressMetal-CZ is proceeding in accordance with standards:

APQP – Advanced product quality planning

→ PPAP / PPF – Part approval process

Feasibility, Capacity, Cover sheet, FMEA, Control plan, Process Flow, CV part, IMDS, Material specification, Drawing, Measuring report, Packing instruction, Self-assessment, SPC, MSA

We follow these requirements:

VDA 6.1 → System audit for serial production

VDA 6.2 → Quality management system

VDA 6.3 → Process audit

VDA 6.4 → Audit of quality management system, means of production

VDA 6.5 → Product audit



# STAMPING

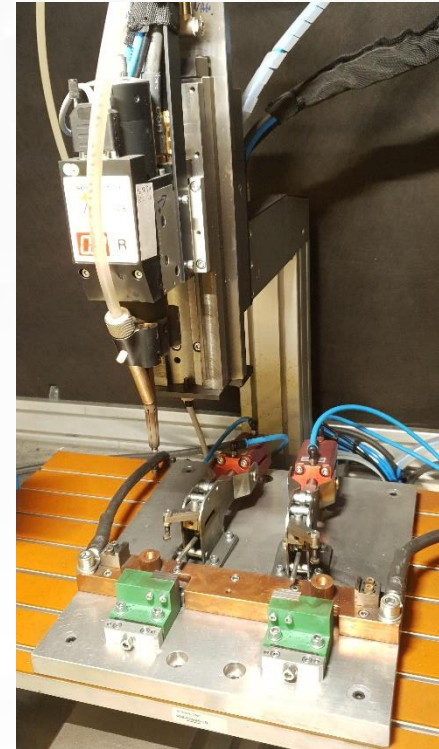
Produced by:

- CNC press with feeder– 45t, 63t, 100t, 200t, 250t, 400t
- Eccentric press without feeder – 25t until 400t
- Availibilty from 16 press machines



# WELDING

- Spot Welding
- Manual and semi-manual welding
- Robotic welding
- Welding using MIG/MAG and TIG methods
- Condensation welding

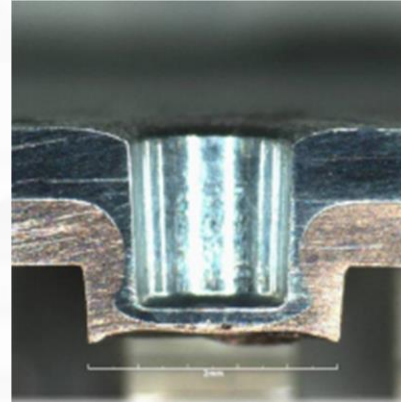




# OTHER TECHNOLOGIES



**Automatic threading**



**Clinching**

- Press-joining process



**Bending**

- Bending materials with flat and filled profile up to radius 500mm



**Tumbling**

- Recommended for small parts

# OTHER TECHNOLOGIES



## Bending and straightening press

The horizontal press is a universal and compact bending and straightening press.



## Washing

Removal of surface impurities and oil.

ARCOTEST tested.

**PressMetal-CZ**



## Thread rolling

Forming threads, grooves



## Thread auto-inspection

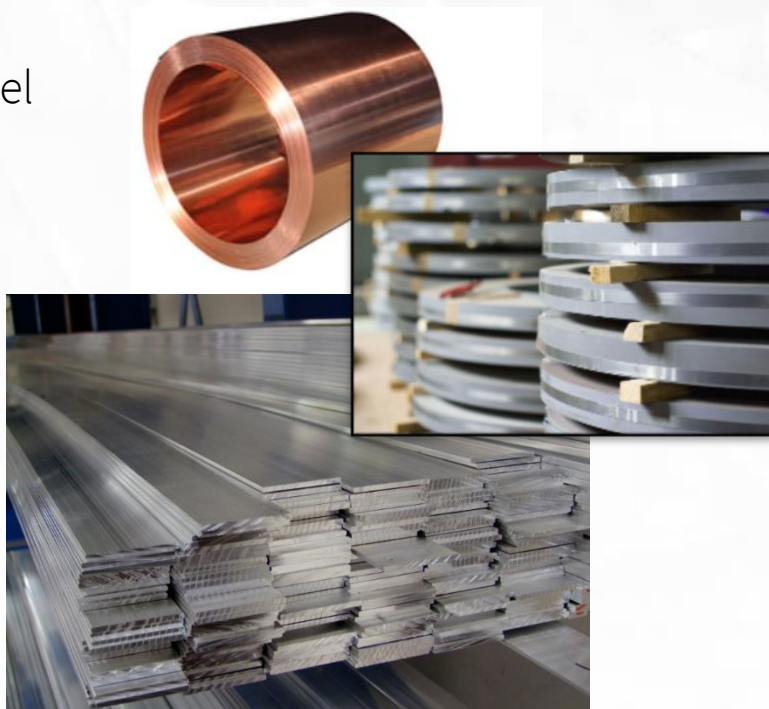
Thread inspection using robot, caliber and camera

# MATERIALS AND COOPERATION

## Overview of used materials and surface treatments on current production

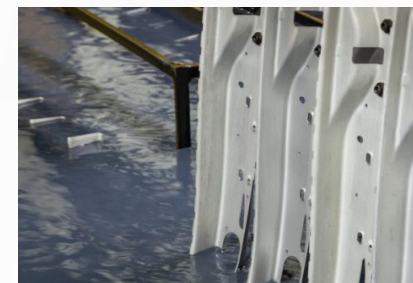
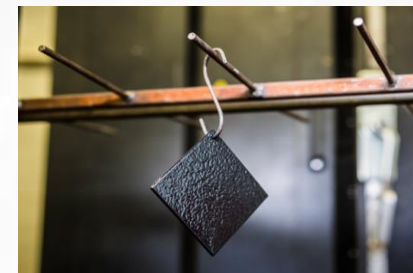
### Used production materials

- Steel
- Stainless steel
- Aluminium
- Brass



### Surface treatment

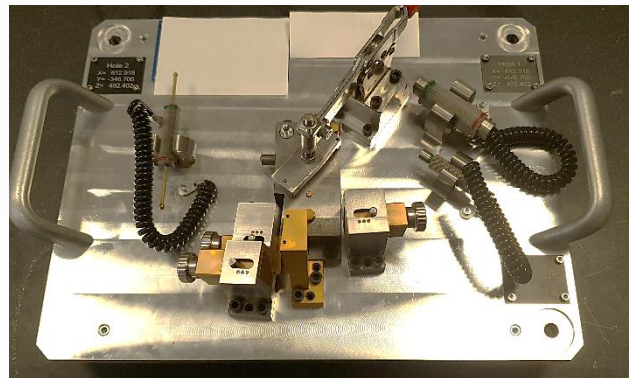
- Galvanic Zinc coating
- Hot Dip Galvanic Coating
- Staining
- Komaxit
- Zinc - Nickel Phosphate Coating
- Copper plating
- Cataphoresis ( KTL )





# TOOLSHOP

## Tools and Inspection gauge assembly



## Tools maintenance



- Internal maintenance of tools
- We offer simple repairs and regrinding of tools



# ELECTRICAL DISCHARGE MACHINING (EDM)



**Wire EDM**



**EDM**

- EDM machines are used for shaping molds and producing complex shapes which are mostly used for stamping tools production.


# AUTOMATION

- We provide for our customers automated production as well as automation of production line in cooperation with our partners




# CONTACT

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*PressMetal-CZ*

FORMING A PART, SHAPING THE WORLD.

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**WE ARE LOOKING FORWARD TO FUTURE  
COOPERATION**