

PRESSMETAL-CZ, SPOL. S R.O.

Serial production of formed and welded parts

WE FORM PART, WE CREATE THE WORLD

Press**M**etal-CZ

ABOUT PRESSMETAL

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

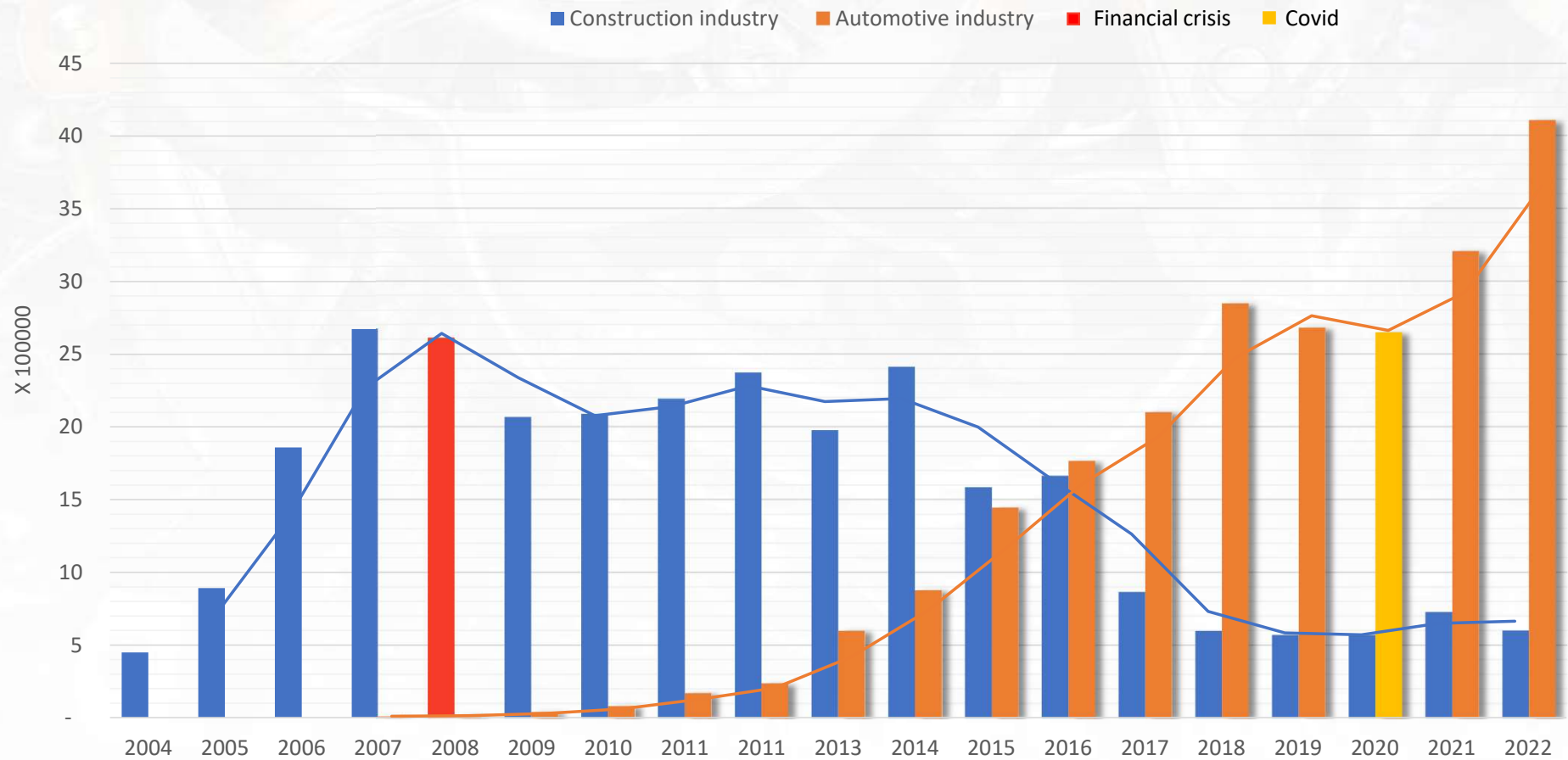


DISTANCE from PressMetal-CZ to:

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



COMPANY SALES – TURNOVER (EUR)



OUR CUSTOMERS

Automotive industry:

- BMW
- VW Group: Audi, Škoda, VW, Seat, Man, Porsche
- Stellantis group
- Ford, Renault,
- Honda, Suzuki
- Rolls royce
- Mercedes benz
- Fisker

Non automotive:

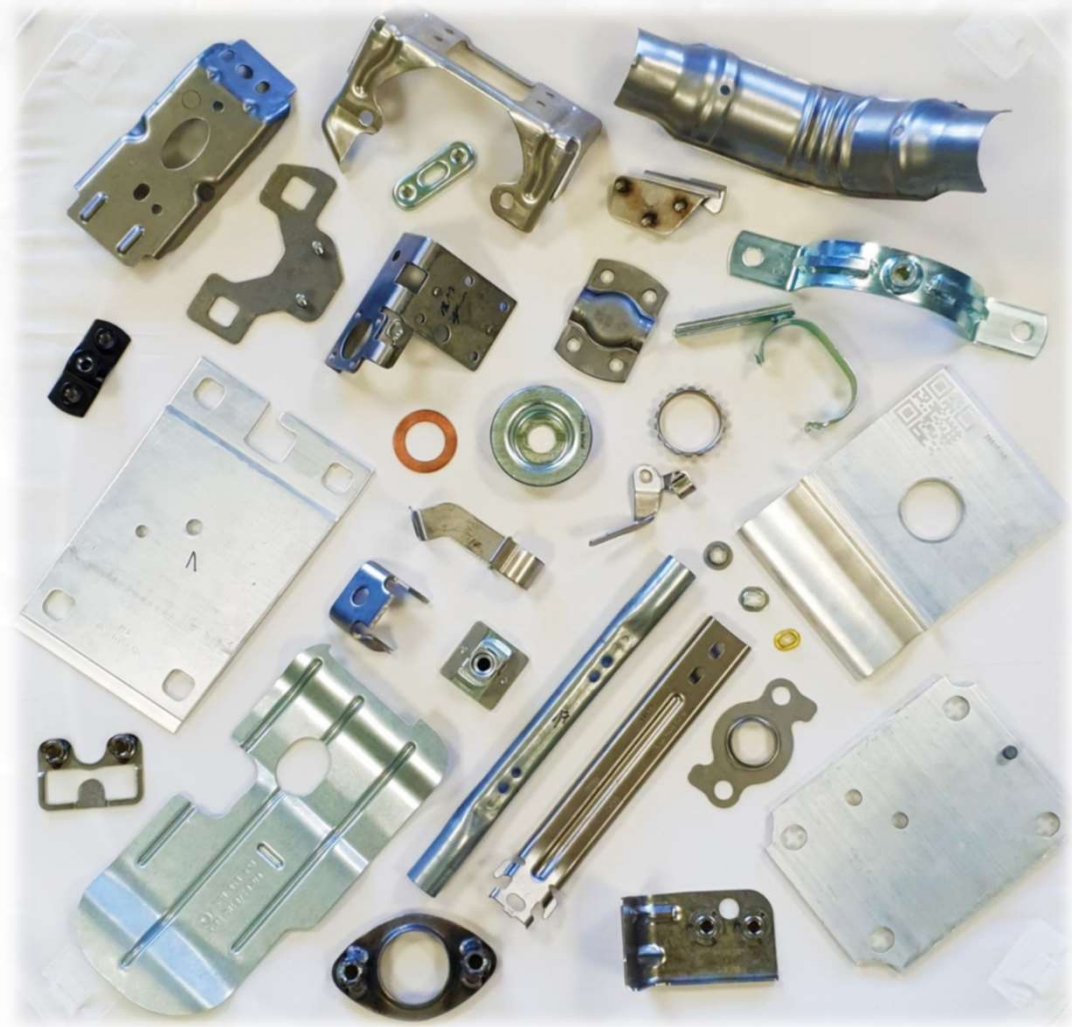
Civil engineering

Electronics

Custom production

Water channels

PressMetal-CZ



QUALITY CERTIFICATION

External audits:

- IATF 16949 standard – since 2018
- EN ISO 3834 standard – Welding quality management scheme – advanced welding quality requirements
Audit company – **Czech Welding Society** since 2010
- 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, Formel Q

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

PressMetal-CZ



STAMPING

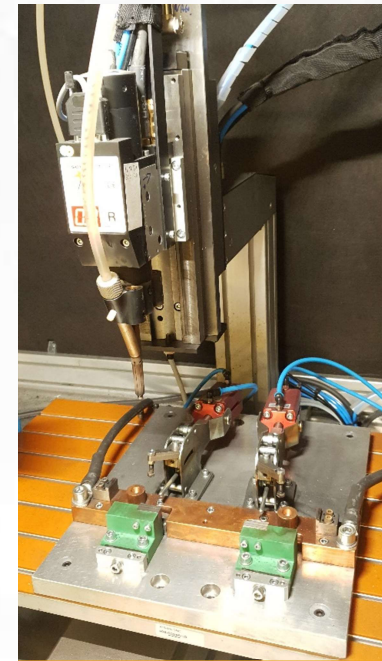
Produced by:

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

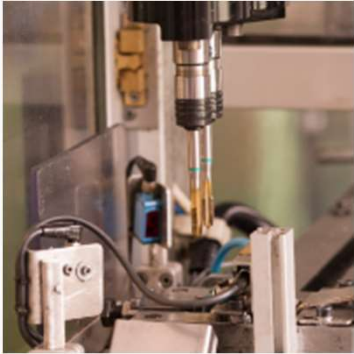


WELDING

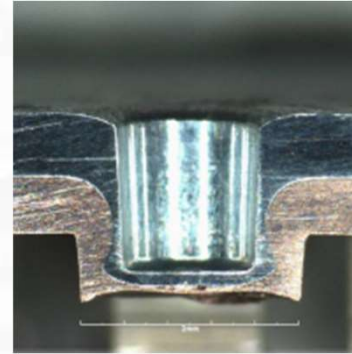
- Spot Welding
- Manual and semi-manual welding
- Robotic welding
- Welding using MIG/MAG and TIG methods
- Condensation welding



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.



Thread rolling

Forming threads, grooves



Washing

Removal of surface impurities and oil.

ARCOTEST tested.



Thread auto-inspection

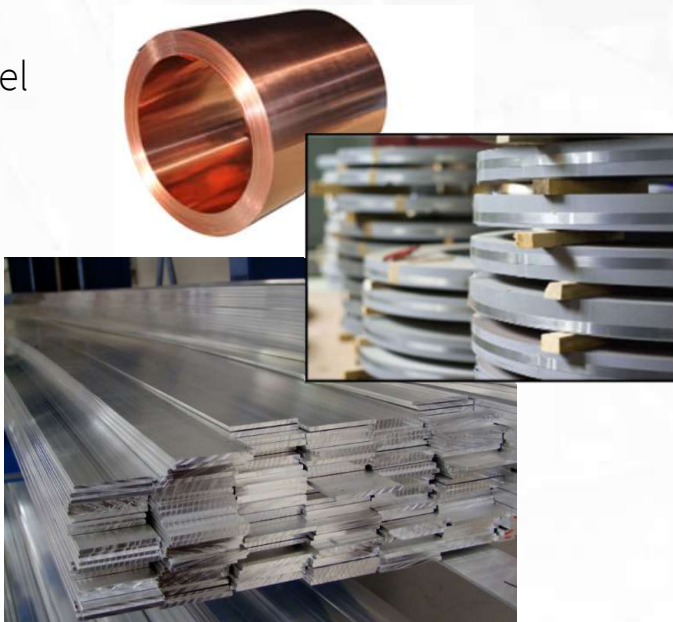
Thread inspection using robot, caliber and camera

MATERIALS AND COOPERATION

Overview of used materials and surface treatments on current production

Used production materials

- Steel
- Stainless steel
- Aluminium
- Brass



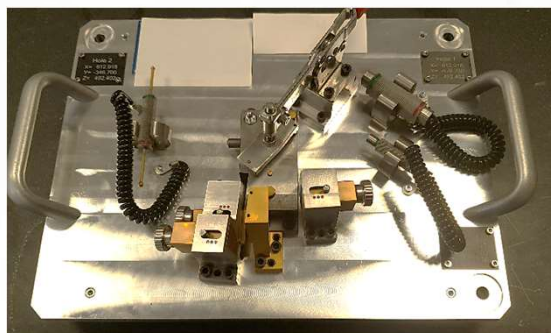
Surface treatment

- 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

 info@pressmetal.cz

 +420 558 329 317

 www.pressmetal.cz

 Staré Město 138, 739 61 Třinec

PressMetal-CZ





PressMetal-CZ

FORMING A PART, SHAPING THE WORLD.

**WE ARE LOOKING FORWARD TO FUTURE
COOPERATION**