

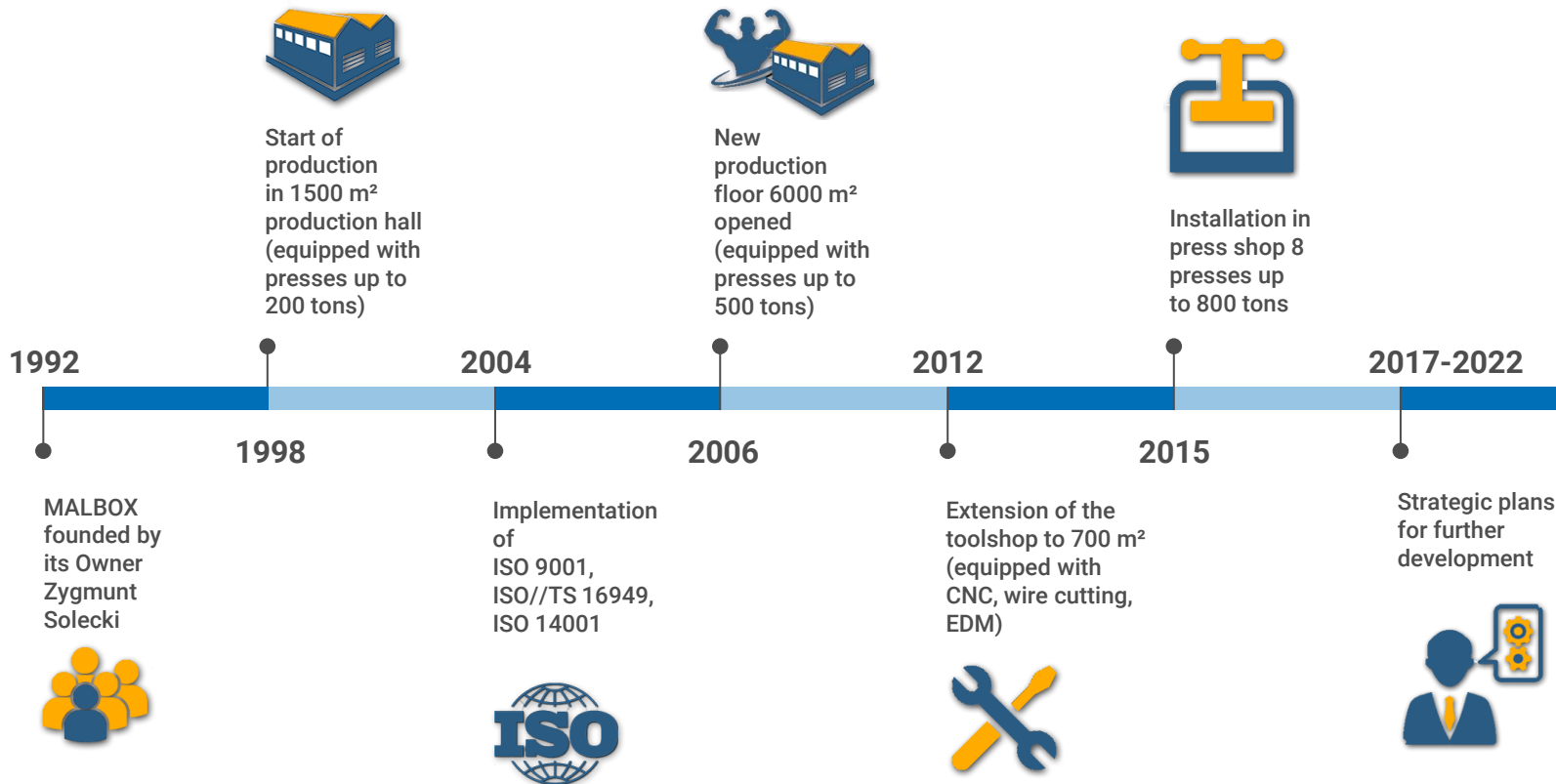


MALBOX
THE STAMPING COMPANY

Quality • Development • Innovation

The way to success

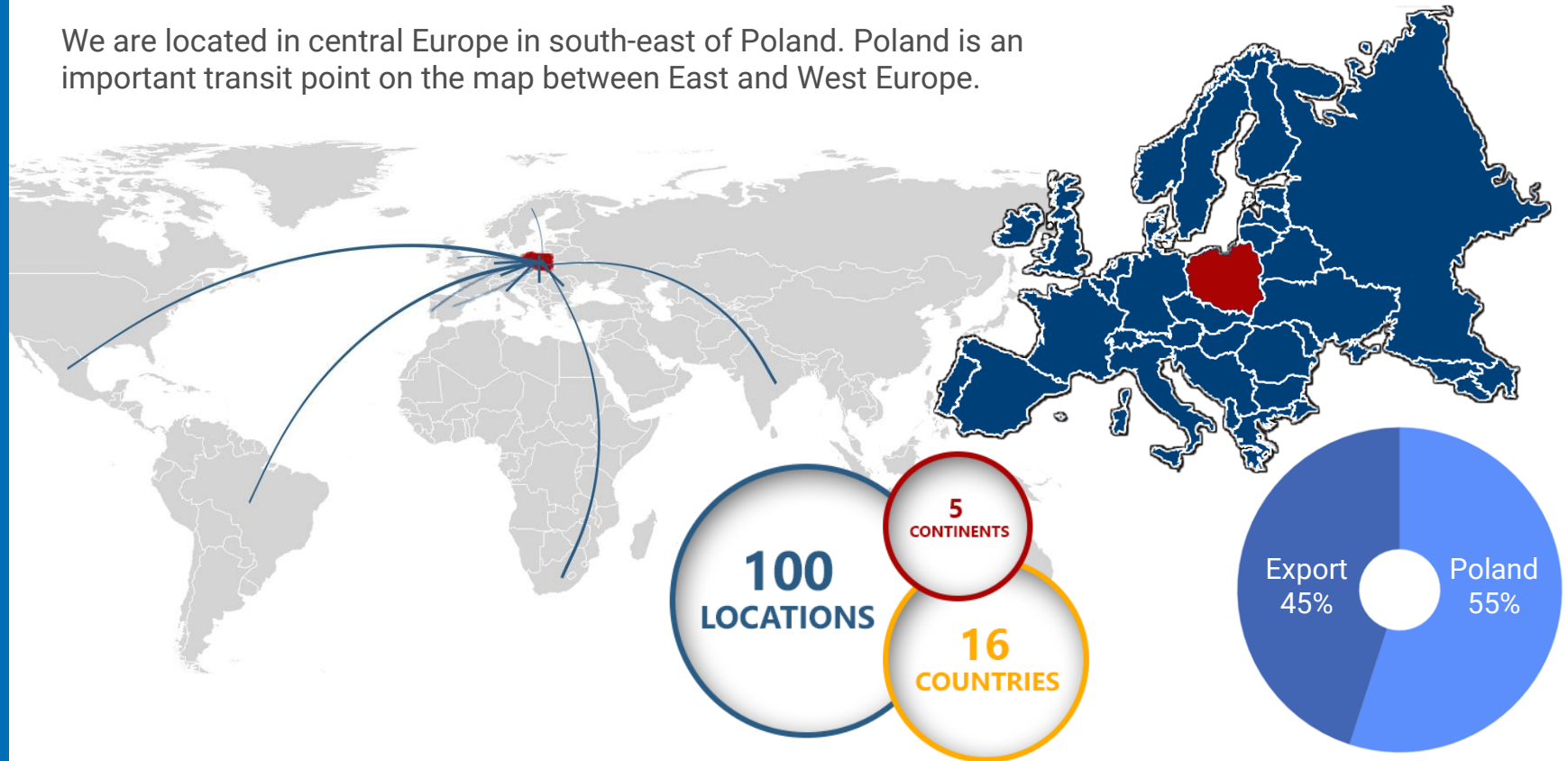
HISTORY



LOCATION & REACH



We are located in central Europe in south-east of Poland. Poland is an important transit point on the map between East and West Europe.



OVERVIEW



Far-sighted strategy and investments resulted in constant company growth and development - extending capacity and possibilities.



- 1 OFFICE**

38 people
24 engineers
- 2 MAIN PRODUCTION FLOOR**

6 000 m²
various equipment
- 3 TOOL SHOP**

25 people
3 designers
- 3a R&D**

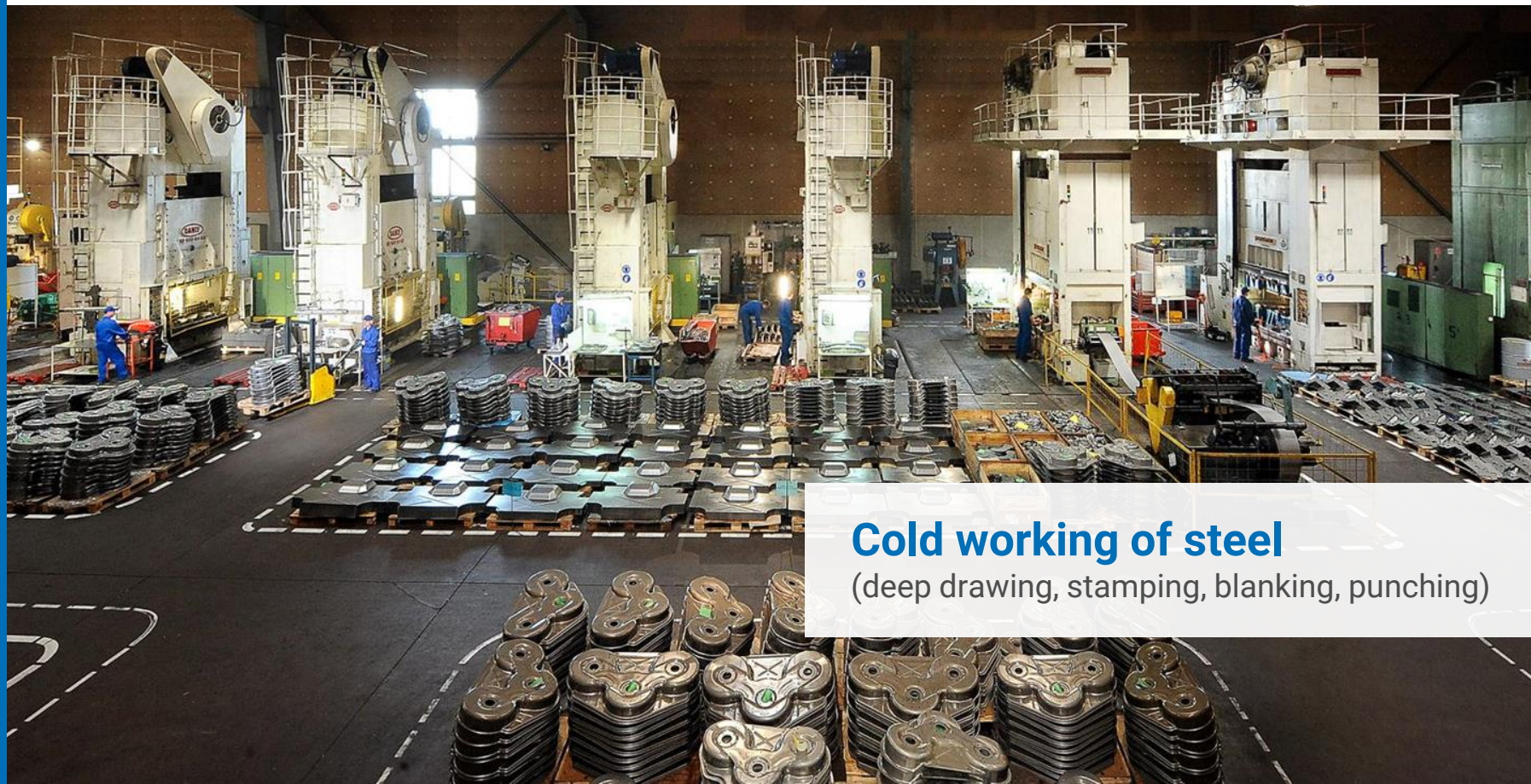
7 people
3 designers
- 4 STOREHOUSE**

ca. 1 100 m²
- 5 LIGHT STAMPING PRODUCTION FLOR**

1000 m²
Press up to 250
- 6* LASER CUTING SHOP**

Power 4 kW
Table 3000x1500
- 7* HEAVY STAMPING PRODUCTION FLOR**

7 000 m²
Press 400 to 1200 ton



Cold working of steel
(deep drawing, stamping, blanking, punching)



**Production at mechanical
press up to 600 T.**
(max press table 3 450 mm, with feeding)

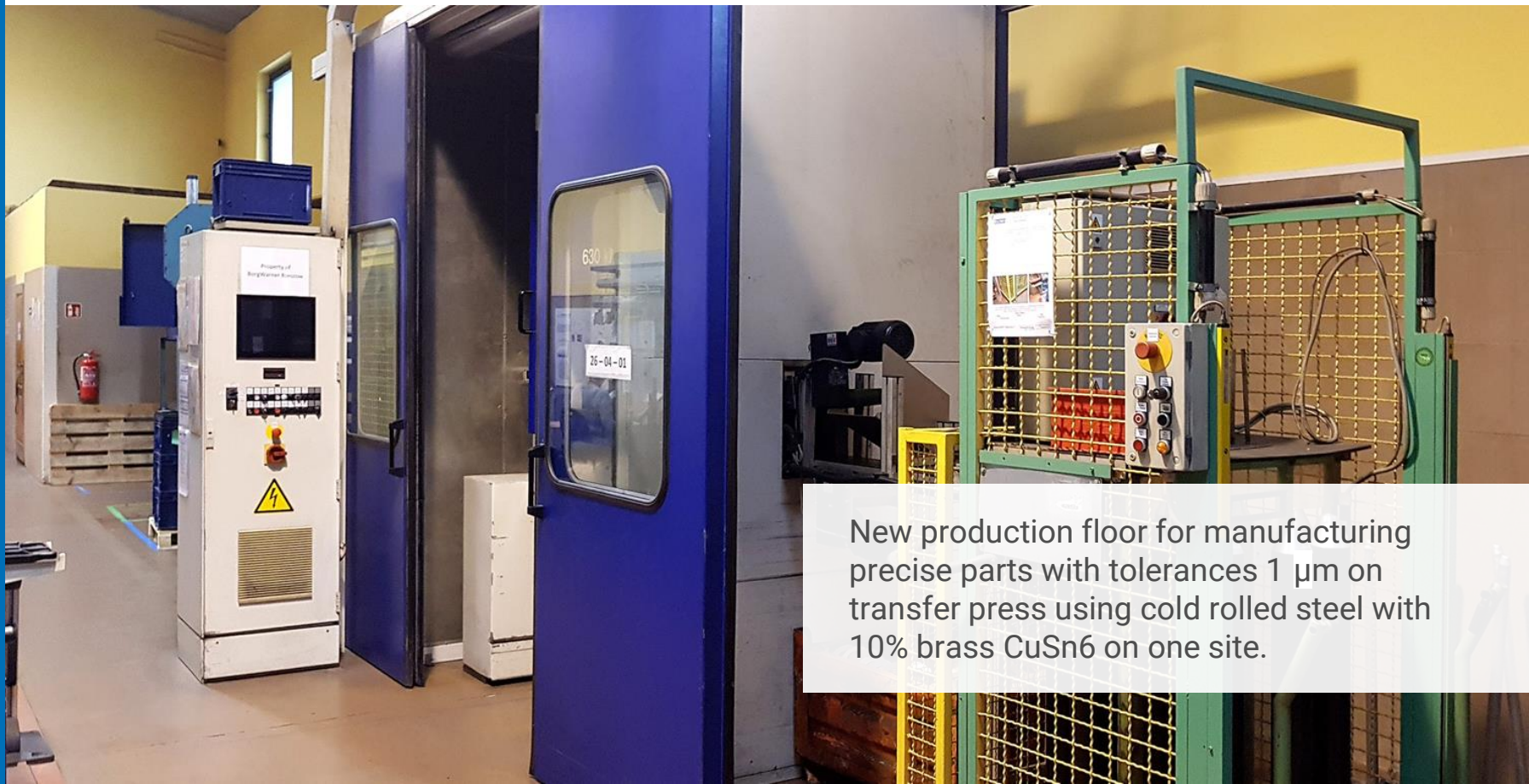


**Production at hydraulic press
up to 800 T.**
(max press table 3 500 mm)

STAMPING

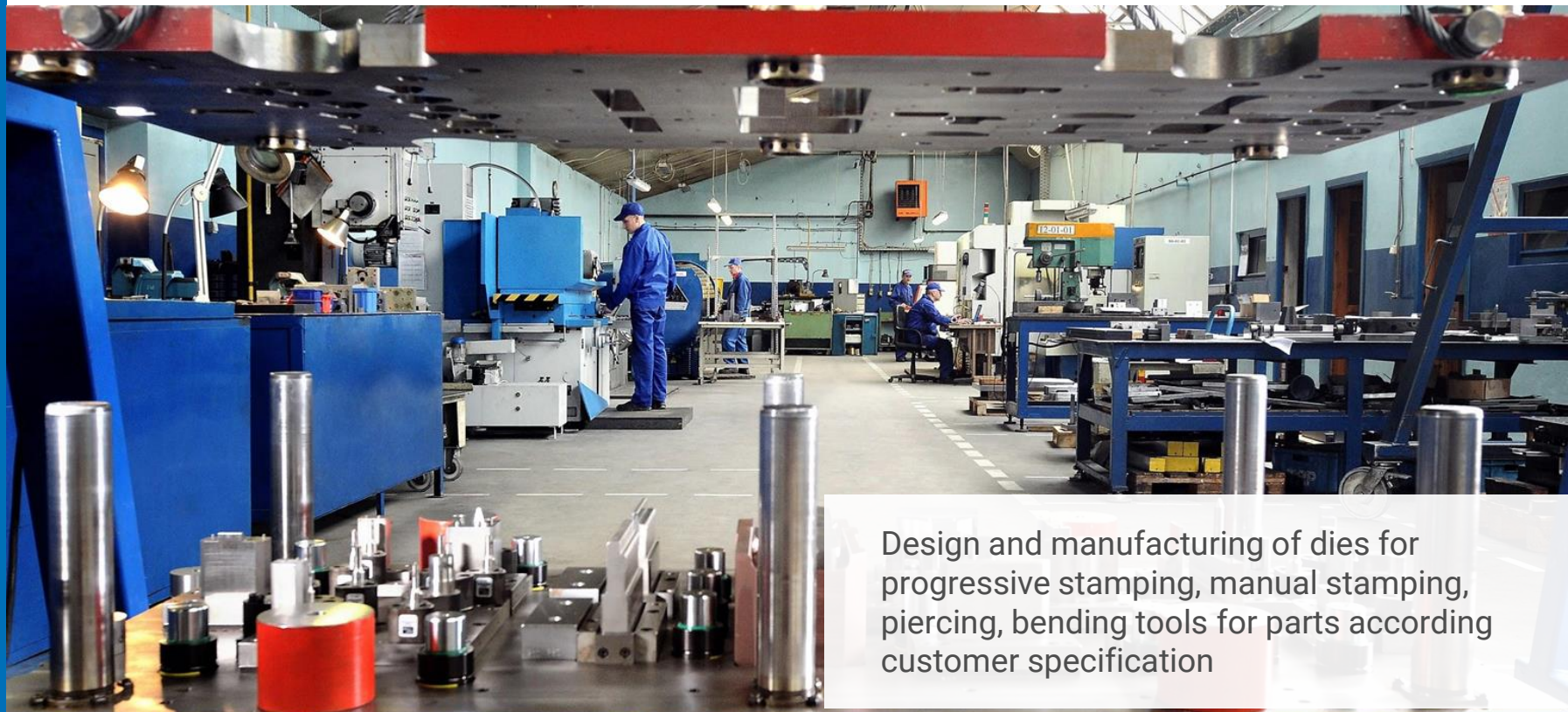


Using cold and hot rolled as well stainless steel and aluminum sheets and strips (thickness 0,4 – 8,0 mm)



New production floor for manufacturing precise parts with tolerances 1 μm on transfer press using cold rolled steel with 10% brass CuSn6 on one site.

TOOL SHOP and R&D



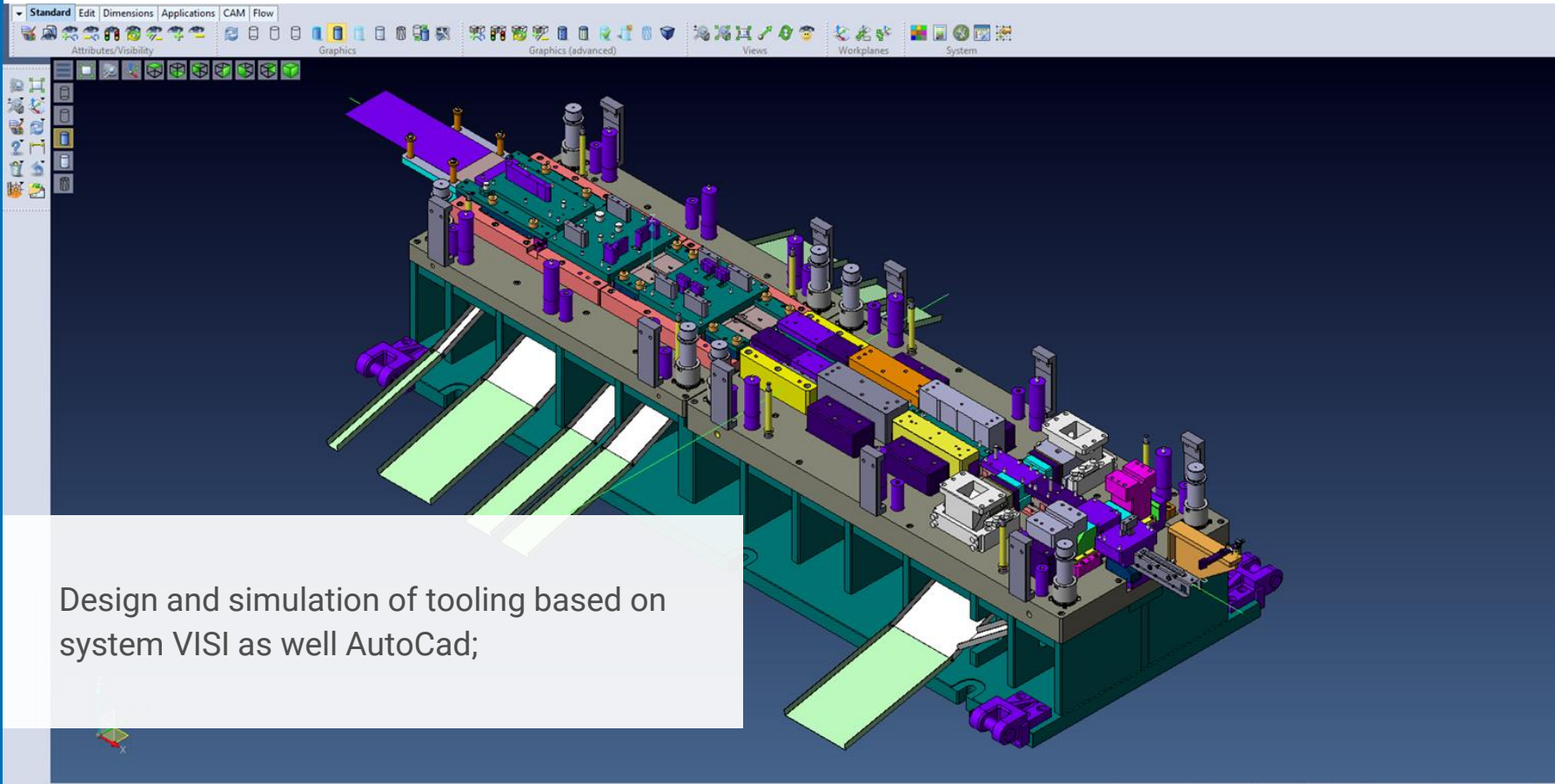
Design and manufacturing of dies for progressive stamping, manual stamping, piercing, bending tools for parts according customer specification

TOOL SHOP and R&D



Design and manufacturing of gauges,
checking fixtures, support plates

TOOL SHOP and R&D



Design and simulation of tooling based on system VISI as well AutoCad;

ASSEMBLING

Assembling complete wiper pivots for passenger cars, trucks and bus



We purchase components from 50 countries all around the world



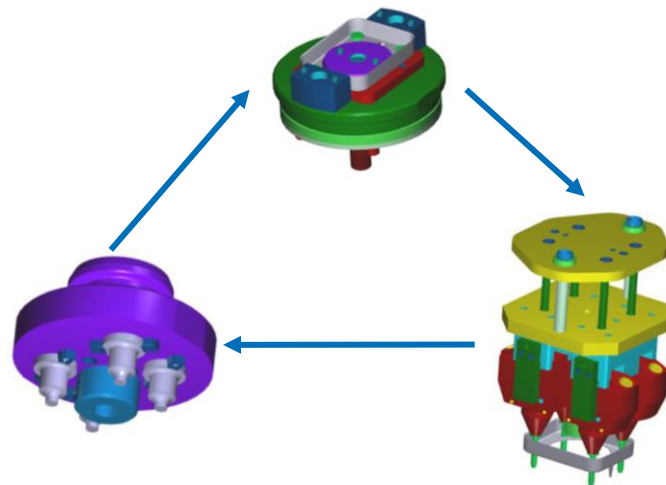
For assembling parts we use processes like pressing, welding, ultrasonic plastic welding, radial riveting and greasing.



ASSEMBLING / CLINCHING



Six-station rotary line for clinching stud on stamped airbag parts.



COATING

We provide galvanic coatings at automatic hanging/rack and barrel line



The galvanizing line is equipped with galvanizing pots of size 3000x600mm.

We provide following types of coatings:

- Zinc coatings
- Zinc and zinc-iron coatings;
- Zinc-nickel coatings



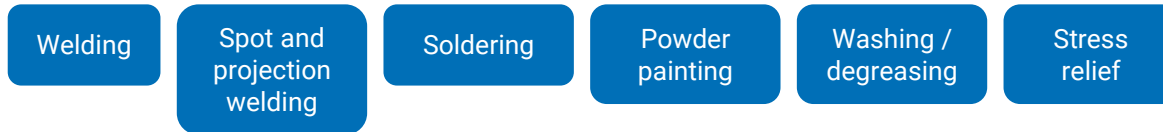
Our coating are made according to EU directive (without chrome 6+)



ADDITIONAL PROCESSES

Set of various processes which can be applied at sheet metal to provide final product to the customer.

INTERNAL



EXTERNAL



EXAMPLES OF PRODUCTION

SMALL SIZE
Thickness range 0,4 - 1,6
Press range 40 - 200 to
MEDIUM SIZE
Thickness range 1,0 - 6,0
Press range 200 - 400 to
LARGE SIZE
Thickness range 1,5 - 3,5
Press range 400 - 800 to
ASSEMBLING
Operations like e.g.
- clinching - riveting



MEASUREMENTS

LABORATORY EQUIPMENT



Machine CMM 3D
Mitutoyo

Durability tester
40kN

Altimeter
Mitutoyo LH600

Contour machine
Mahr L=330 H=33



Roughness tester
Mahr PGK

Form tester
Mahr MMQ40

Dual scope
FMP100

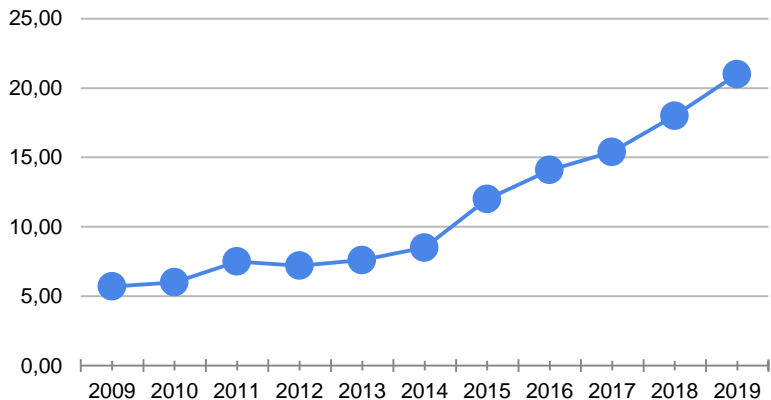
Hardness tester
Mitutoyo DT10



TURNOVER

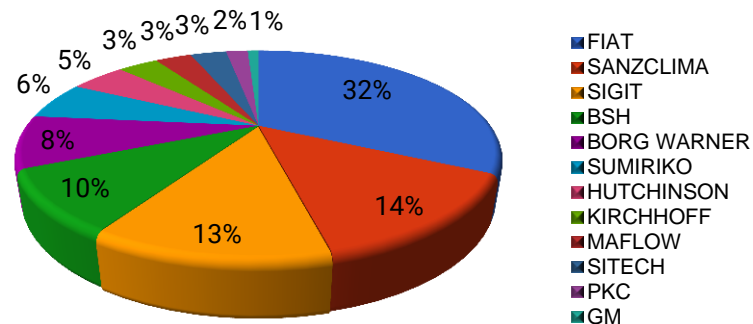
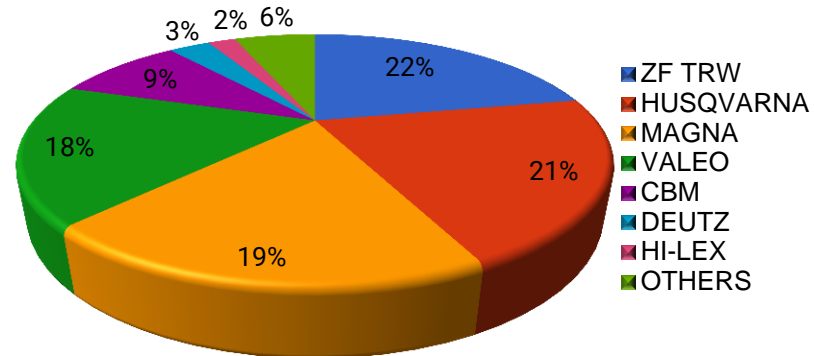
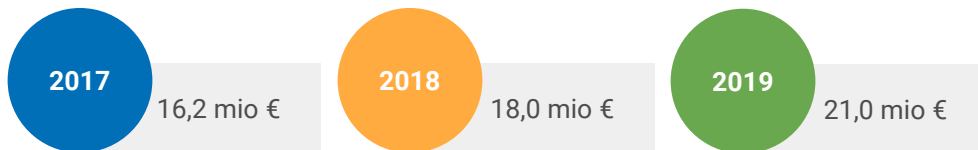


Sales plan [mio €]



SALES EXPECTATION

Starting new projects as well as transfers of production assure constant increase of turnover.



CUSTOMERS

AUTOMOTIVE SECTOR

OEM



TIER 1



OTHER SECTORS



INVESTMENTS

STRATEGIC PLANS FOR FURTHER DEVELOPMENT 2017-2022

1. Stamping Production

1.1. New Heavy Stamping Floor - 7 000 m²

- Presses 800T ÷ 1200T

1.2. Current Stamping Floor

Investments in additional equipment:

- Mechanical press link motion min 800 ton
- Mechanical 5 presses 500 with feeding system
- Mechanical 2 press 400 with feeding system
- Mechanical 2 press 300 with feeding system

2. Tool Shop

- New floor 2 000 m²
- New location in Italy

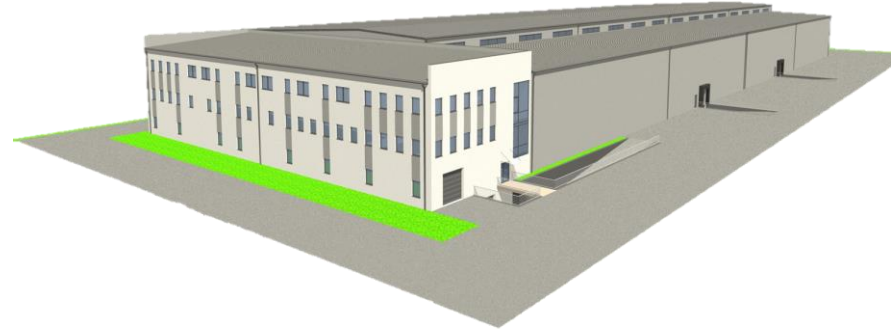
3. Coating production

- New galvanic floor 2 100 m²
- New coating lines
 - 1 row line baths 3 m (upgrade)
 - NEW!!! 2 rows line with baths 3,5 m
 - Barrel lines

4. Laser cutting shop

- New area with 1 000 m²
- Laser cutting machine 4kW

5. Automatic welding robots



ADVANTAGES

ADVANTAGES OF COOPERATION

- Over 25 years of experience in production for automotive sector
- Highly qualified crew of engineers and technologists
- R&D department including proto-shop
- Wide range of manufactured products
- Own transport
- On time deliveries of high quality products
- Good knowledge of customer's requirements
- Obtained Quality Certificates





THANK YOU FOR WATCHING