

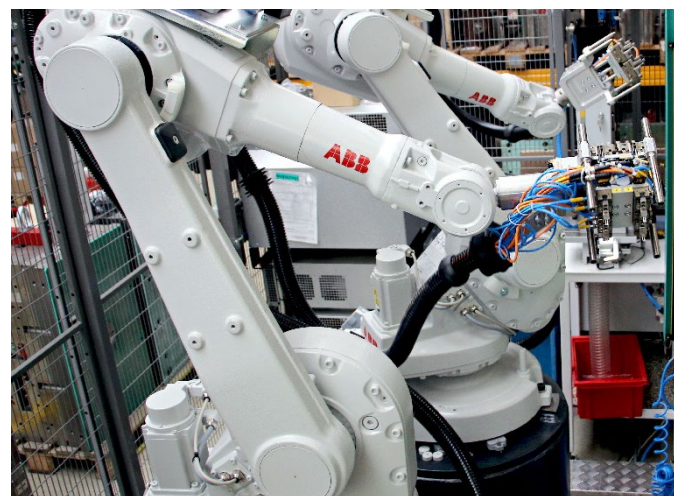


fortell - tradition that shapes the future

# ABOUT COMPANY

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Company fortell s.r.o. (Ltd.) is active in the fields of moulding of **plastic parts**, stamping of **metal parts** and manufacturing of **injection moulds** for plastics. The total area of the company is 8.300 sqm and currently we employ 220 people.



# COMPANY HISTORY

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**1995**

Establishment of private company fortell s.r.o. focused on design and business.



**1997**

Start of production of metal parts - beginning of stamping department equipped with automatic presses.



**2000**

Establishment of our tool shop, obtaining of ISO 9001 quality certification.



**2003**

Founding of injection moulding department – injection moulding.

**2004**

We won DHL Export Award for the best exporter among smaller and medium-sized companies throughout the whole Czech Republic.

# COMPANY HISTORY

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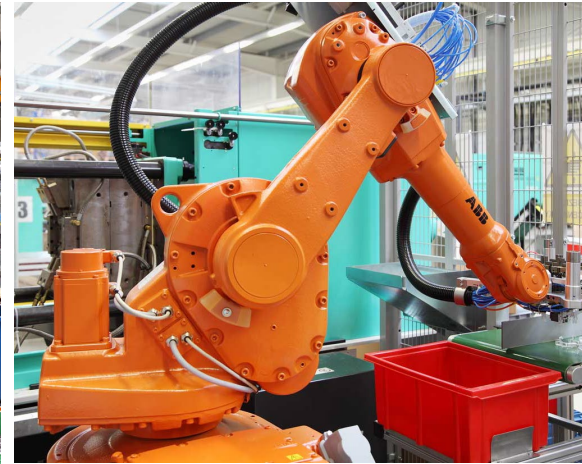
**2006**

Obtaining of ISO 14001 environmental certification.



**2008**

Moving of all departments to the new building in summer, modernization of production and logistics.



**2011**

Significant investments in all production departments.

**2013**

Implementation of automation in injection moulding department.



**2016**

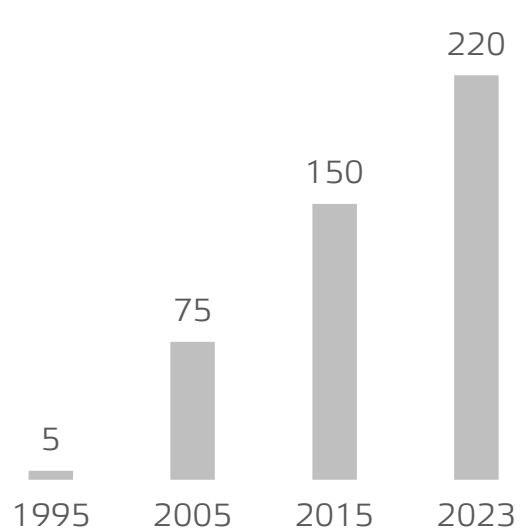
Finishing of a new assembly and warehouse building. Obtaining the title Company of the year – Pardubice region.

**2020**

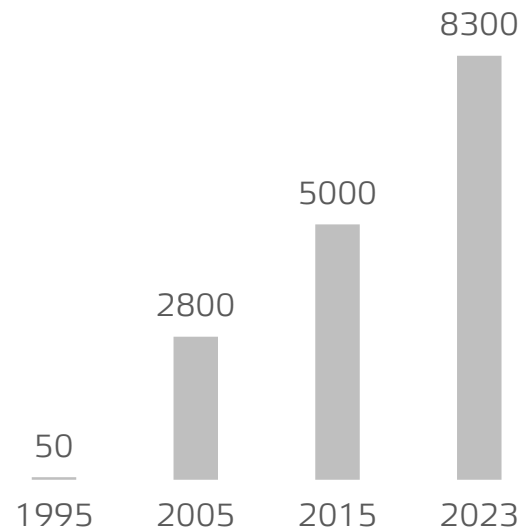
Company celebrates 25 years of business.

# BASIC STATISTICS

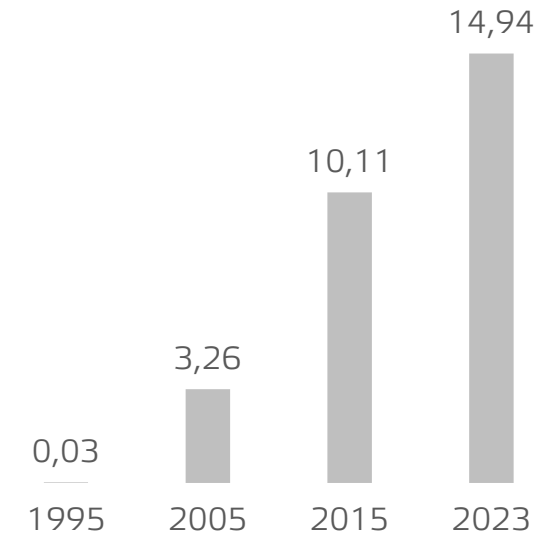
 EMPLOYEES



 FLOOR SPACE – sqm



 TURNOVER – mil. EUR



# OUR PRODUCTION ACTIVITIES



PLASTIC PARTS



METAL PARTS



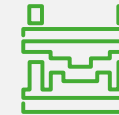
INJECTION MOULDS



SPARE PARTS



DEVELOPMENT AND DESIGN



STAMPING TOOLS



FINAL ASSEMBLY

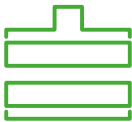


QUALITY CONTROL

# TOOL SHOP



DEVELOPMENT AND DESIGN



INJECTION MOULDS

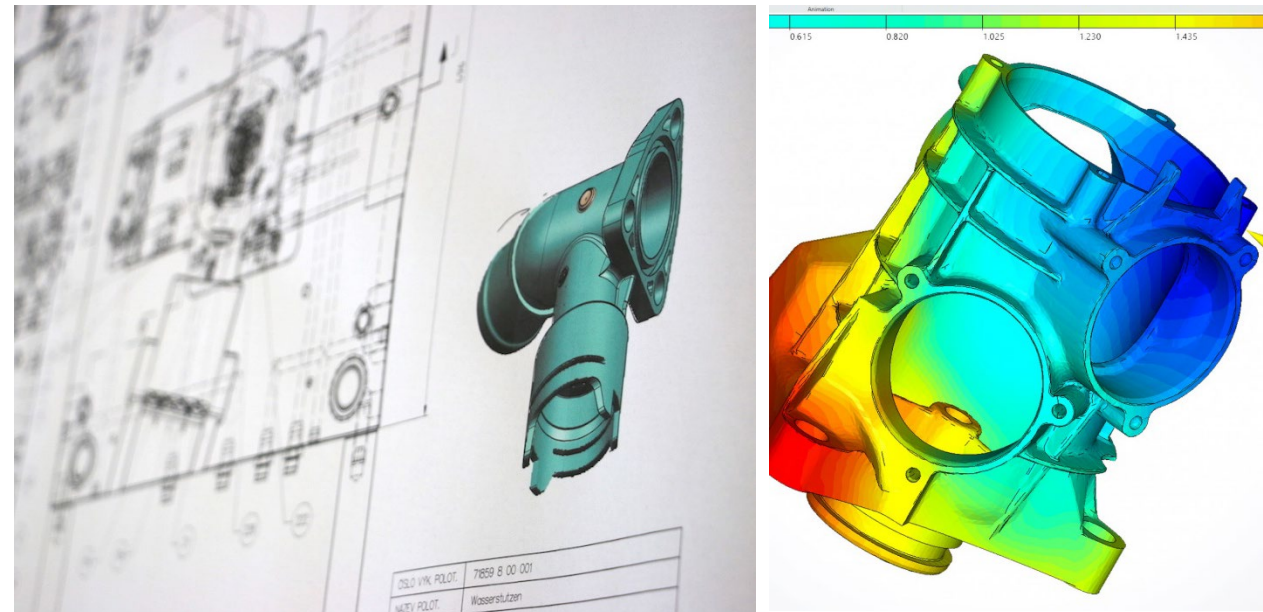
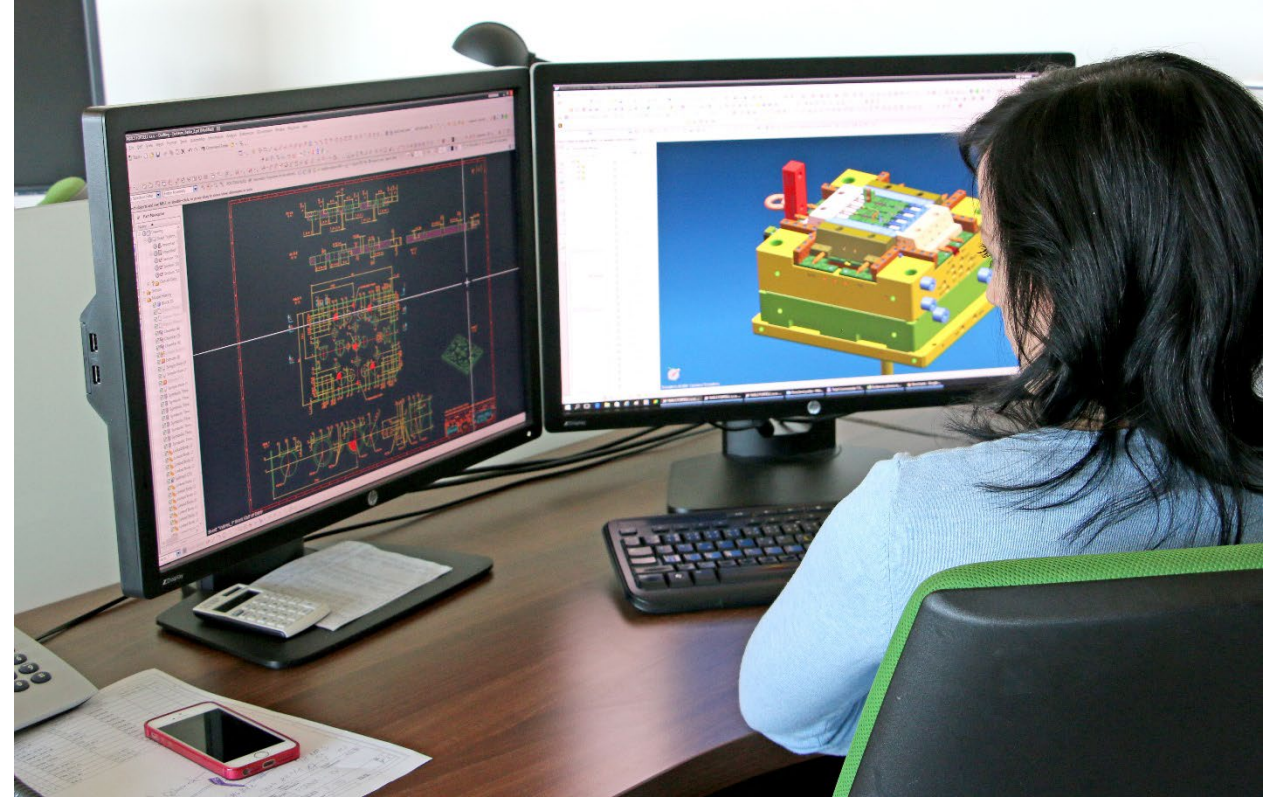


SPARE PARTS



# DEVELOPMENT AND DESIGN

- development and design of single and multicavity moulds and stamping tools
- CAD / CAM system **NX (Siemens)**
- mold-flow software **SIMCON Cadmould**
- 3D printing technology FFF (**Raise3D PRO2**) and SLA (**Creativity LD-006**) methods.





# INJECTION MOULDS

- long-standing experiences (over 1500 moulds)
- single and multicavity moulds with hot runner systems and cold channels, moulds for setting of metal inserts, moulds with hydraulic and pneumatic systems, stack moulds and moulds for thin-walled parts
- maximum weight of injection moulds is 4,5 tons
- production for own injection moulding department and for external customers mainly from the automotive business



# SPARE PARTS

- production of spare parts for injection moulds, stamping tools and assembly machines
- production of measuring and control jigs
- possibility of digitizing the original part before its production
- emphasizing the accuracy and quality of processing while maximally shortening delivery times





# TOOL SHOP MACHINERY

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## CNC MACHINING CENTERS

- 5-axis center **HERMLE** C42 U, 3-axis centers **FIDIA** HS664, **TAJMAC** MCFV 1680,1060 and **MAS** MCV 750 SPEED

## EDM MACHINES

- cutting machines **AgieCharmilles** CUT 3000, CUT 3000 S, CUT 2000 S and Agiecut Classic 2S, sinking machines FORM P600 and Agietron Innovation 2, drilling machine DRILL 20

## OTHER TECHNOLOGIES

- laser welding machine, milling, grinding, drilling and turning



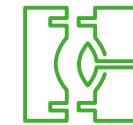
# PRODUCTION OF PLASTIC PARTS



DEVELOPMENT AND DESIGN



INJECTION MOULDS



INJECTION MOULDING



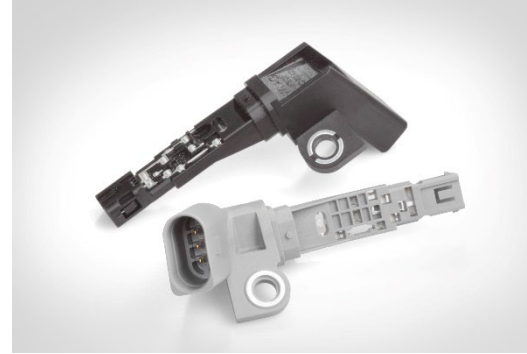
FINAL ASSEMBLY

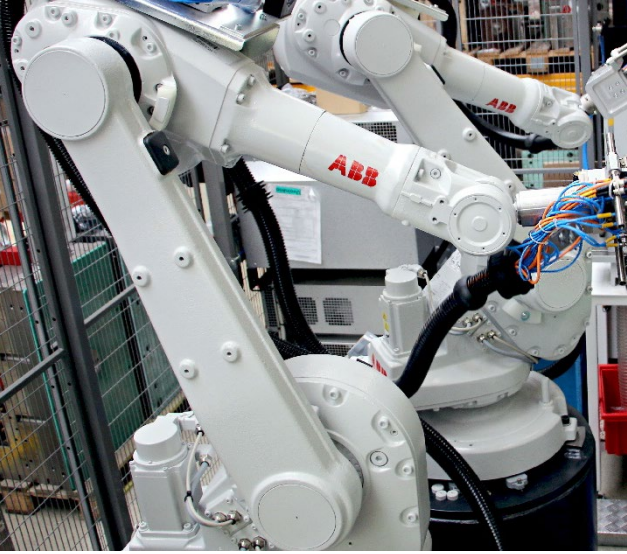


QUALITY CONTROL

# INJECTION MOULDING

- complex services (development and design, injection moulds, injection moulding – incl. parts with metal inserts, final assembly)
- we process technical plastics PP, PE, PS, SAN, ABS, PMMA, POM, PA, PETP, PBTP, PUR, PEI, PC+ABS, TPE and many others
- electrotechnical, automotive and consumer industry
- latest injection moulding machines





# MOULDING SHOP EQUIPMENT

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## ELECTRIC AND HYDRAULIC MACHINES

- injection moulding machines **Arburg**, **Wittmann Battenfeld**
- closing force 40–450 tons
- parts with weight up to 1000 grams
- overmoulding of cables and metal inserts

## ROBOTIC SYSTEMS

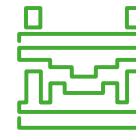
- 6axis robots **ABB**, 3axis robots **Wittmann**



# PRODUCTION OF METAL PARTS



DEVELOPMENT AND DESIGN



STAMPING TOOLS



METAL STAMPING



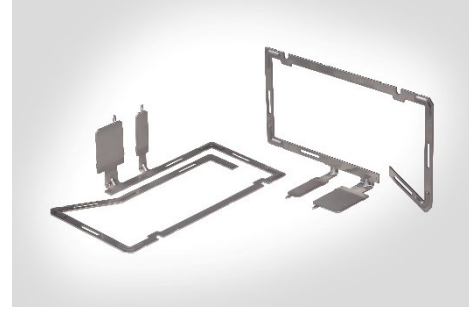
FINAL ASSEMBLY



QUALITY CONTROL

# METAL STAMPING

- complex services (development and design, stamping tools, metal stamping, final assembly)
- we process steel and stainless steels, brass, bronze, copper and aluminium including surface treatment and tumbling
- electrotechnical and automotive industry







# STAMPING SHOP EQUIPMENT

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## ECCENTRIC PRESSES

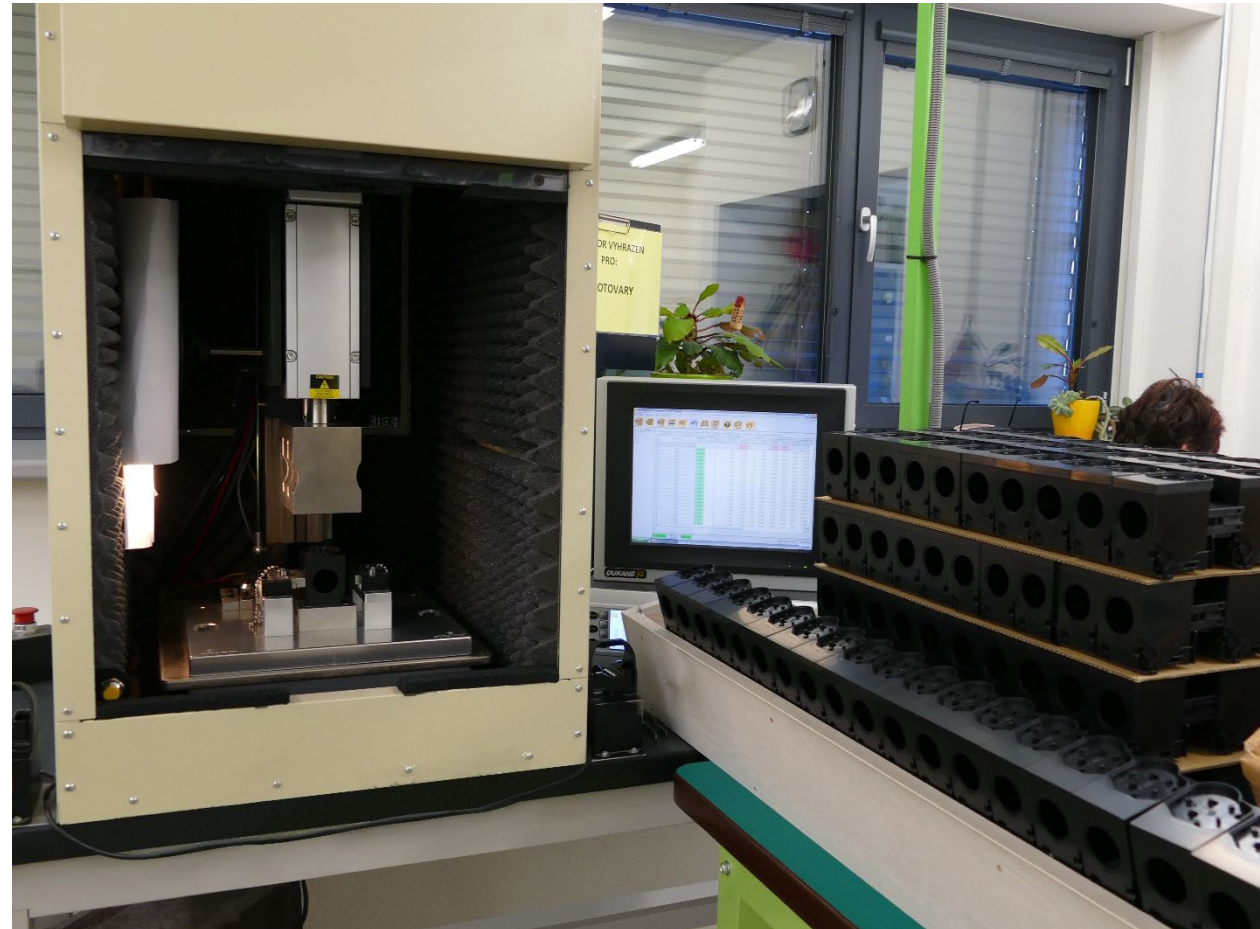
- **EBU** (STA 63/STA 80/STA 160)
- **LEN, LEK** (10–100 tons)
- high-speed press **HAULICK ROOS**
- maximum width of strip is 500 mm and its thickness is 4 mm

## AUTOMATIC PRESSES

- **TPX** and **TALO 25**
- strip up to 25 mm wide or a wire as input material

# FINAL ASSEMBLY

- assembly of final products by using special purpose machines
- ultrasonic welding of plastic parts even made of different materials
- **DUKANE IQ Servo Press**



# QUALITY CONTROL

- 3D CMM **Wenzel** LH 87 and Wenzel LH 65
- 3D CMM **Werth** ScopeCheck FB/Z
- 3D measuring microscope **Mitutoyo** MF-B2017C
- climate chamber **WEISS** Technik ClimeEvent C/180/40/3
- Profile projector Mitutoyo PJ-A 3000
- SW Q-DAS/Hexagon - O-QIS and QS-STAT



# CERTIFICATION

## ČSN EN ISO 9001:2016

- obtained in 2000
- validity of the certificate until 18. 12. 2026

## ČSN EN ISO 14001:2016

- obtained in 2006
- validity of the certificate until 18. 12. 2026

ERTIFIKAT ◆ CERTIFICATE ◆ 認證書 ◆ CERTIFIKAT ◆ CERTIFICADO ◆ CERTIF

CERTIF

Certification Body  
TÜV

CZ – 563 0

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CERTIFI

Certification Body Management  
TÜV SÜD Czech s.  
certifies that



**fortell s.r.o.**  
Nádražní 1111  
CZ – 563 01 Lanškroun, Žichlínské Předměstí  
Ident. No.: 64256197

has established and applies  
the Environmental Management System  
**development in area of engineering science**  
**design and production of tools and moulding**  
**stamping of metal parts**  
**injection moulding of plastic parts**  
**assembly**

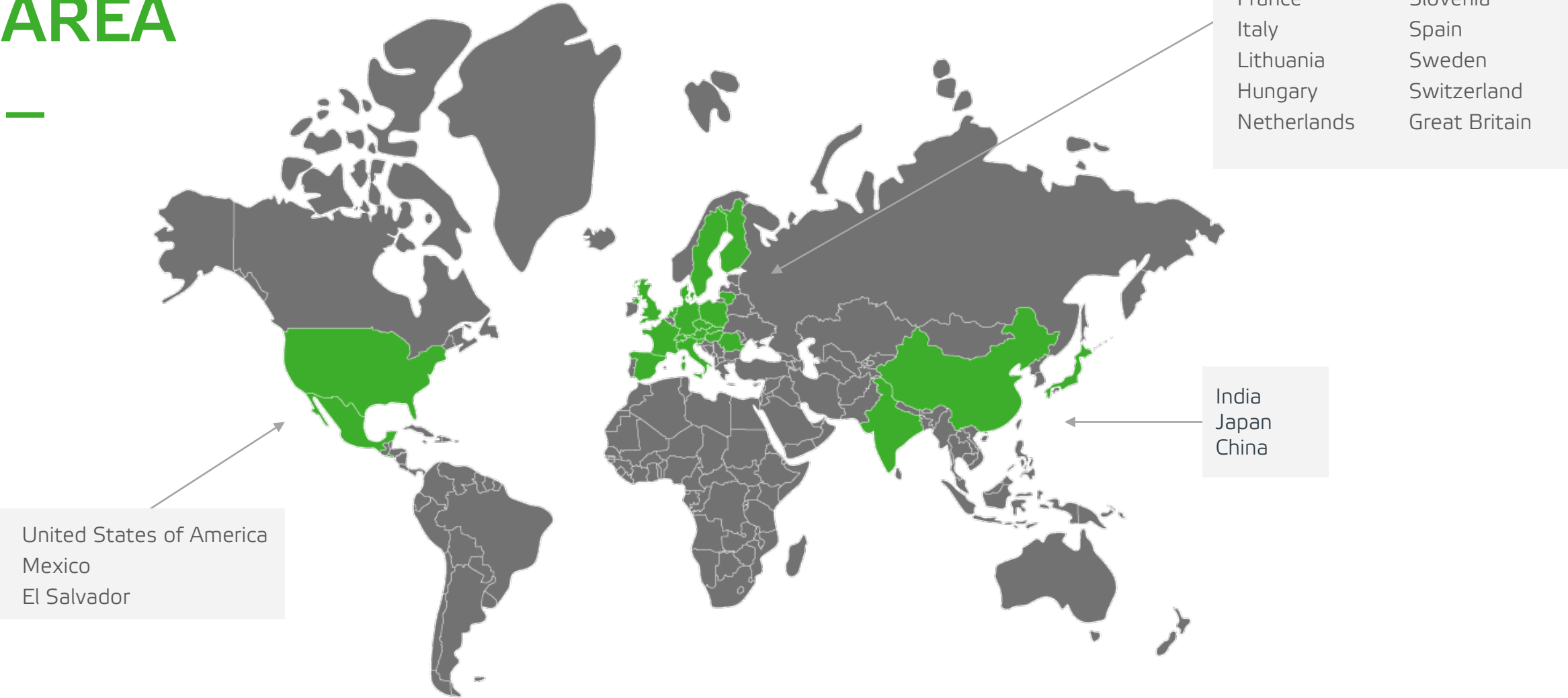
An audit was performed, Report No. **15.669.793**  
Proof has been furnished that the requirements  
according to

**ČSN EN ISO 14001:2016**  
are fulfilled.

The certificate is valid from **19.12.2023** until **18.12.2026**  
Certificate Registration No. **15.669.739**



# OUR EXPORT AREA





# SHARE OF INDUSTRIES

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37 % AUTOMOTIVE INDUSTRY



31 % ELECTROTECHNICAL INDUSTRY



27 % CONSUMER INDUSTRY



5 % OTHER INDUSTRIES

# OUR MAIN CUSTOMERS

AUTOMOTIVE  
INDUSTRY



ALPSALPINE



ARaymond®  
MORE THAN FASTENING



BRISK® 

CG

TW

TE  
connectivity



ELECTROTECHNICAL  
INDUSTRY



OEZA

SCHOTT

SIEMENS



CONSUMER  
INDUSTRY



Lexmark



syncreon  
supply chain synergy

trodax®

OTHER  
INDUSTRIES

AVON  
PROTECTION

centropen®

Novibra

RIETER

taconova  
comfort solutions

# WHY CHOOSE FORTELL?

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The biggest advantage we offer is in being able to provide **all services under one roof** (tool design, moulds and tools, injection moulding, metal stamping and final assembly).



ALL SERVICES IN-HOUSE



TEAM OF EXPERTS

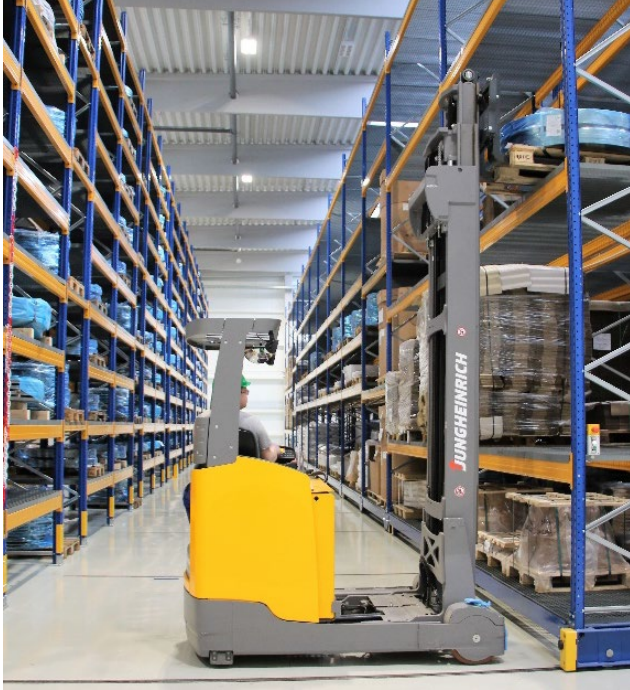


STATE OF THE ART BACKGROUND



HI-TECH EQUIPMENT







Thank you for your attention  
and don't hesitate to contact us.



[www.fortell.cz](http://www.fortell.cz)



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