



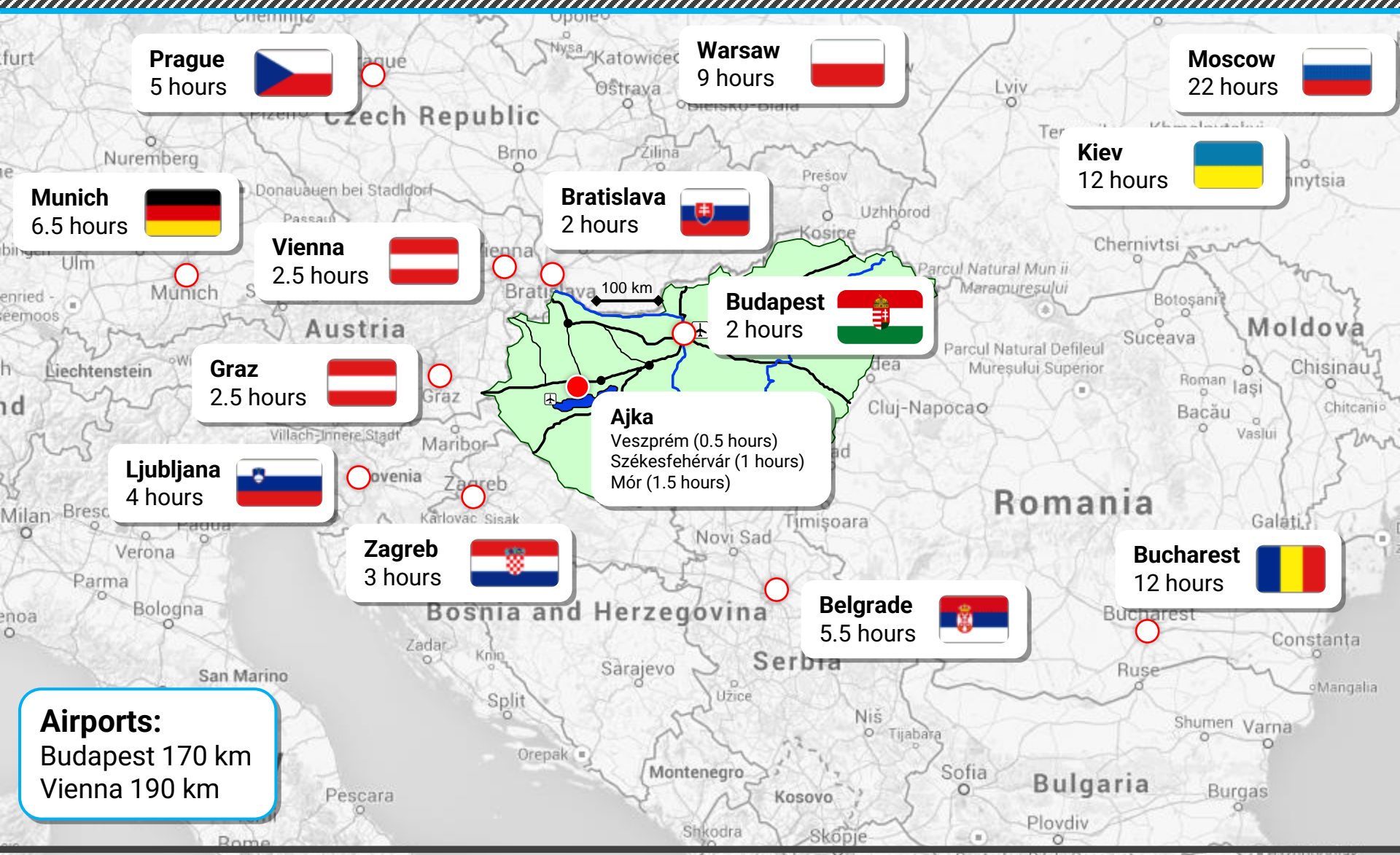
AE-PLASZTIK ZRT.



H-8400 Ajka, Gyár u. 35. Tel.: +36-88-510-510
E-mail: sales@ae-plasztik.hu



LOCATION



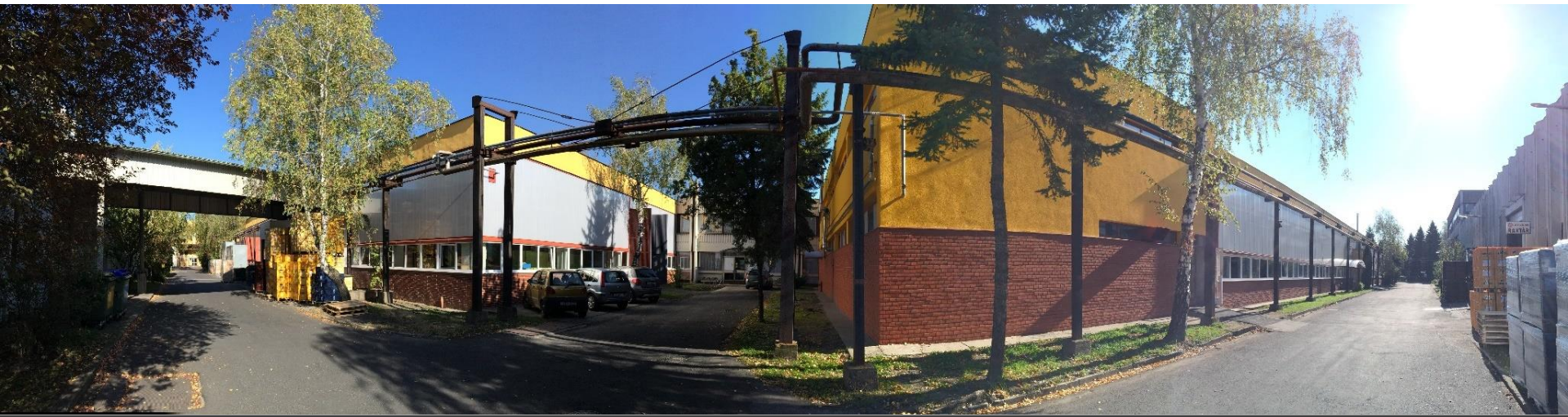
HISTORY

The company was founded by VIDEOTON in 1962 for the production of parts for radios and TVs. From the end of the years 70th the production of military radios was determinative.

After the changing of the regime, the company was privatized, which worked from 1992 to 1995 as KVATTRO Rt. From 1996 the name of the company, which is 100% Hungarian property, became Ajkai Elektronikai Gyártó és Szolgáltató Kft.

From 1th October 2008 AE-Plasztik Kft. was divided from the Ajkai Elektronikai Kft. as a legal successor, where the main profile remained the production of plastic parts, electromechanical and mechanical assemblies.

Since June 2016 our company is operating as AE-Plasztik Zrt, a closely held company owned by shares and managed by a board of directors. The change was initiated by owners decision and based on the company's continuous development and increase.



THE PAST...

State owned company

Military radios
Consumer electronics

VIDEOTON

1962-1992

Privatization

Suzuki parts
Electro-mechanical assembly

KVATTRO Rt.

1992-1995

New establishment

Műszertechnika Rt.

Ajkai Elektronikai
Gyártó és
Szolgáltató Kft.

1996-2008

Reorganization

Műszertechnika Zrt.
- Plastic parts
- Assembling

AE-Plasztik Kft.

2008-2016.05

Entity form change



AE-Plasztik Zrt.

2016.06-

PROGRESSION, BUILDING



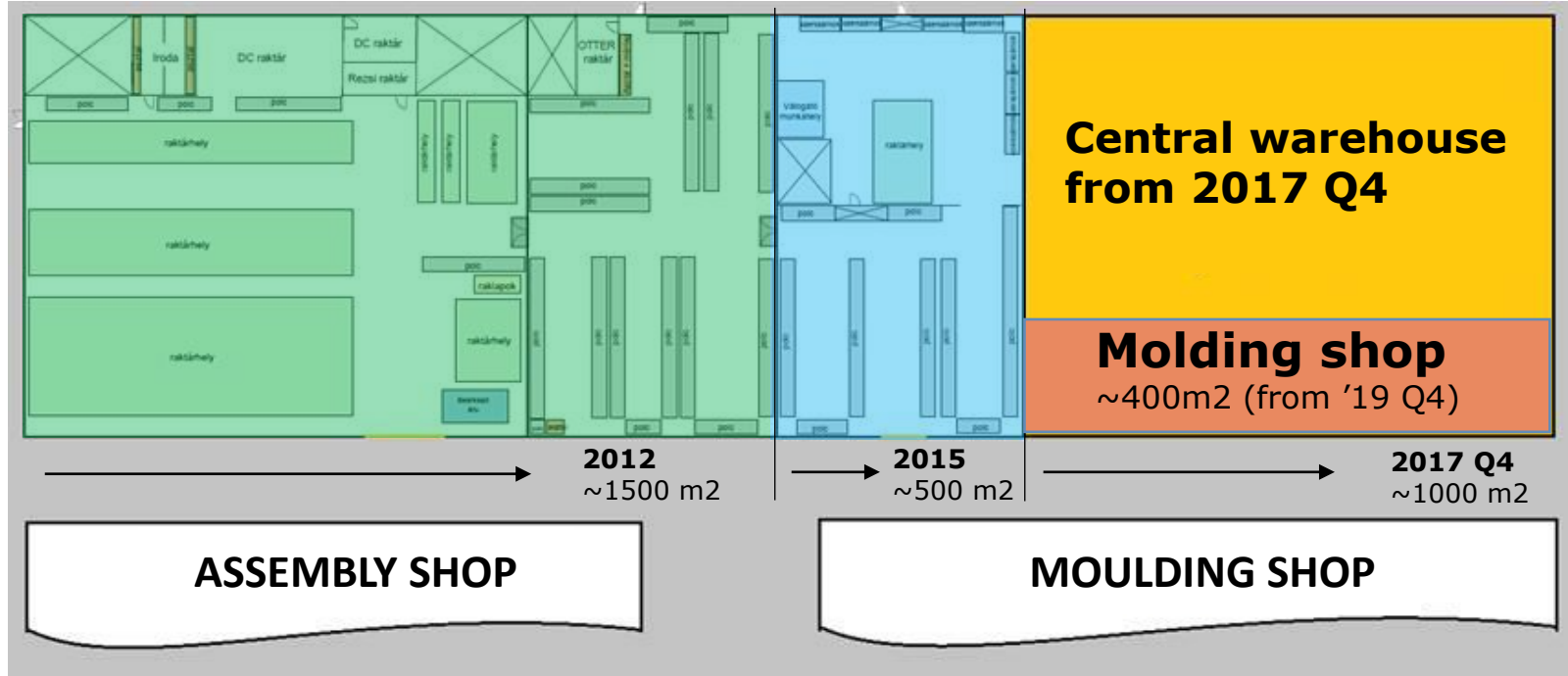
Both production shops were renovated and modernized including their heating, windows replacement during the last few years.

Main building was modernized in 2017 with all windows and entrances replaced. Received new insulation and painting as well. Reception was modernized as well with gate and id system.



PROGRESSION, EXPANSION

Greatly improved warehouse capacity during the last few years. AEP assigned ~400m² area for a new molding shop from 2019 Q4. There are 7 new injection molding machines on this area including the 2 new Engel vertical machines and a new 900t Engel machine as well.



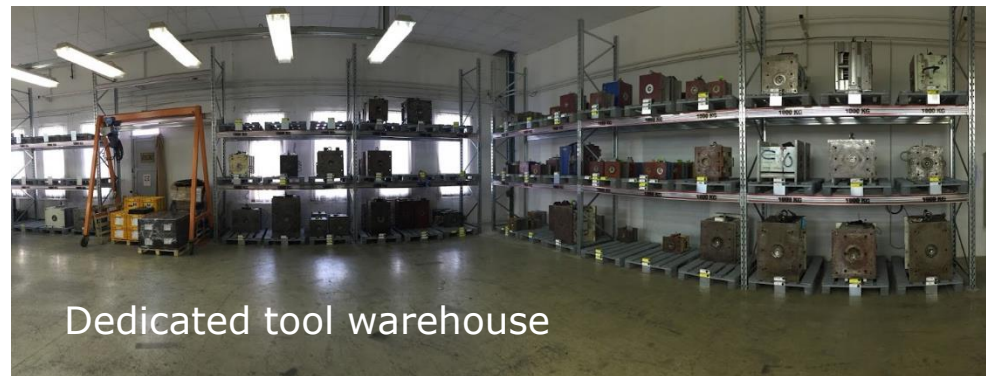
PROGRESSION, TECHNOLOGY

Machine purchasing in 2,5 million EUR value within the last 6 years.

| | | | | | |
|-------|------|--------|--------------|-------------|--------------|
| 2015. | 160t | Krauss | 2017. | 80t | Krauss |
| 2015. | 50t | Engel | 2017. | 110t | Krauss |
| 2015. | 80t | Engel | 2017. | 125t x2 | Fanuc E. |
| 2015. | 350t | Krauss | 2017. | 100t | Fanuc E. |
| 2015. | 180t | Fanuc | 2017. | 50t | Arburg |
| 2016. | 100t | Fanuc | 2017. | 100t | Fanuc E. |
| 2016. | 125t | Fanuc | 2017. | 40t | Arburg |
| 2016. | 125t | Fanuc | 2018. | 120t | Krauss E. |
| 2016. | 180t | Fanuc | 2018. | 160t | Krauss |
| 2016. | 350t | Fanuc | 2018. | 150t | Fanuc E. |
| 2016. | 100t | Fanuc | 2019. | 110t | Engel |
| 2016. | 90t | Engel | 2019. | 80t | Engel Ver. |
| | | | 2019. | 160t | Engel Ver. |
| | | | 2019. | 40t | Engel |
| | | | 2019. | 150t | Arburg |
| | | | 2021. | 900t | Engel |

Number of machines in 2010 Q4: 26

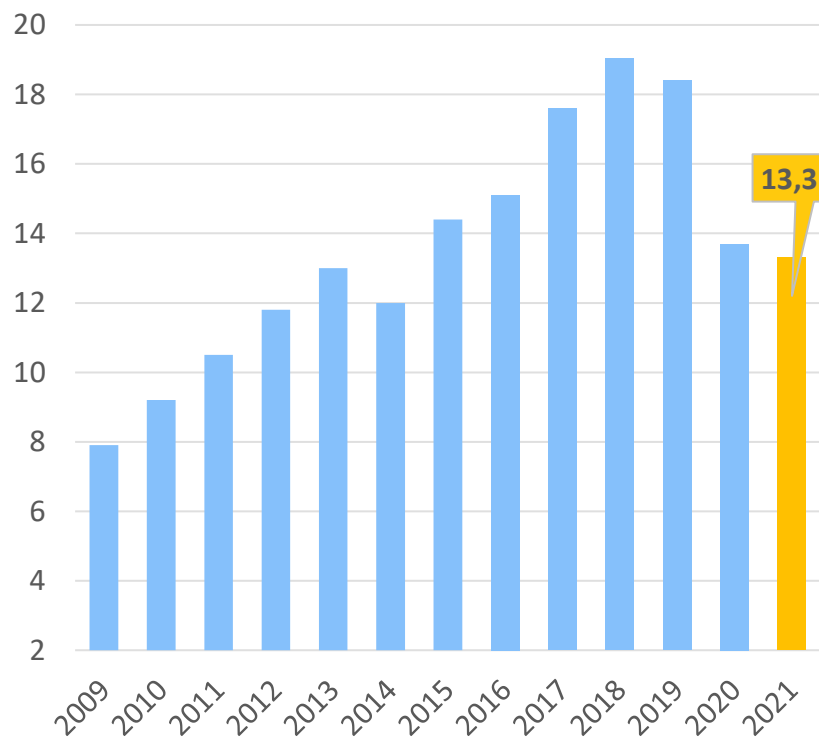
Number of machines in 2021 Q3: 54



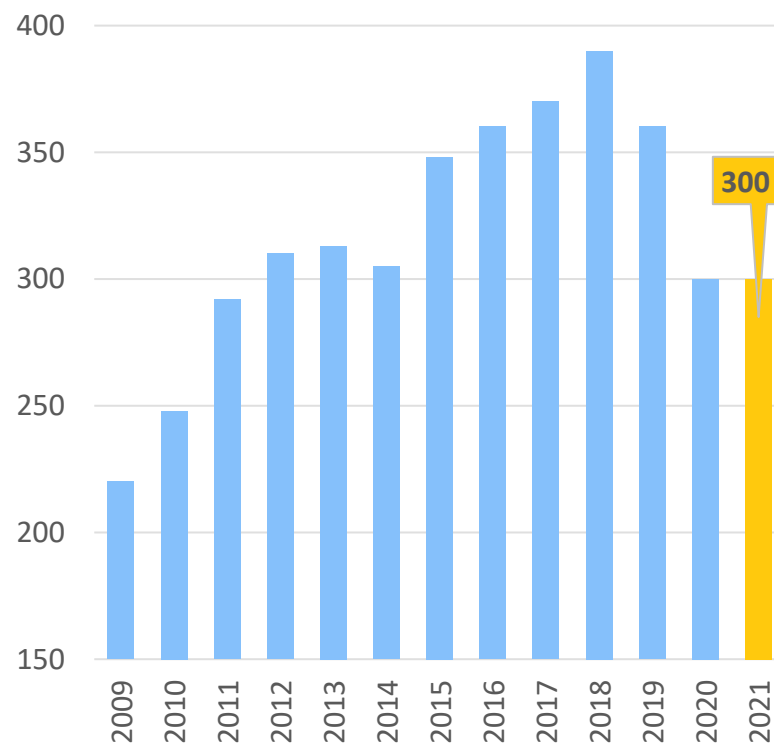
Dedicated tool warehouse

COMPANY NUMBERS

Turnover (M. EUR)

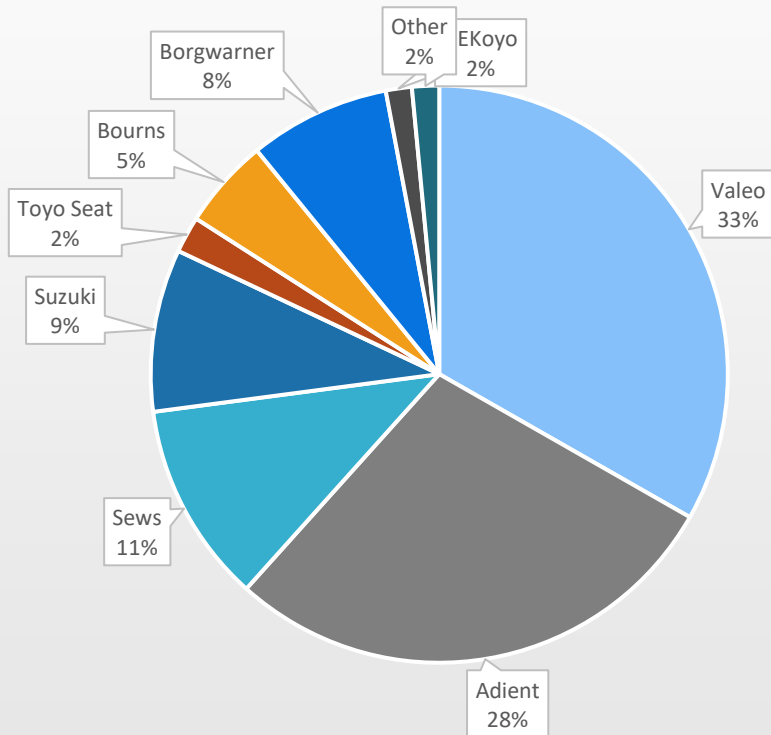


Number of employees

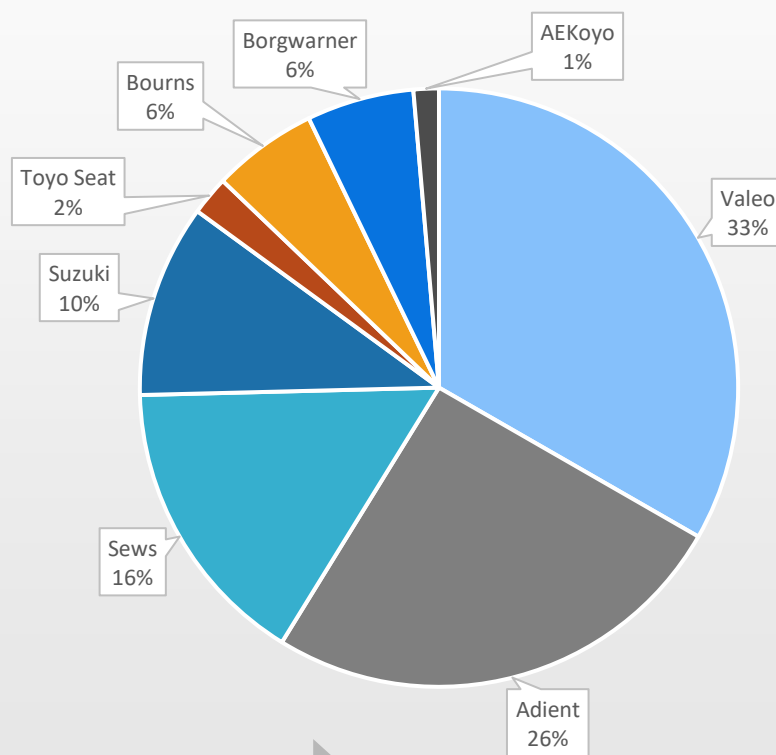


CLIENT STRUCTURE

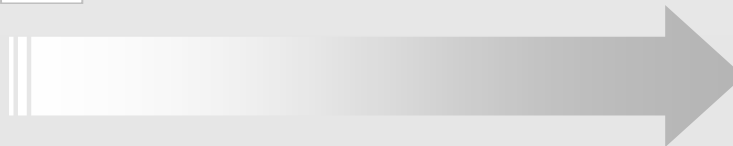
AEP CLIENT STRUCTURE 2020.



AEP CLIENT STRUCTURE 2021.

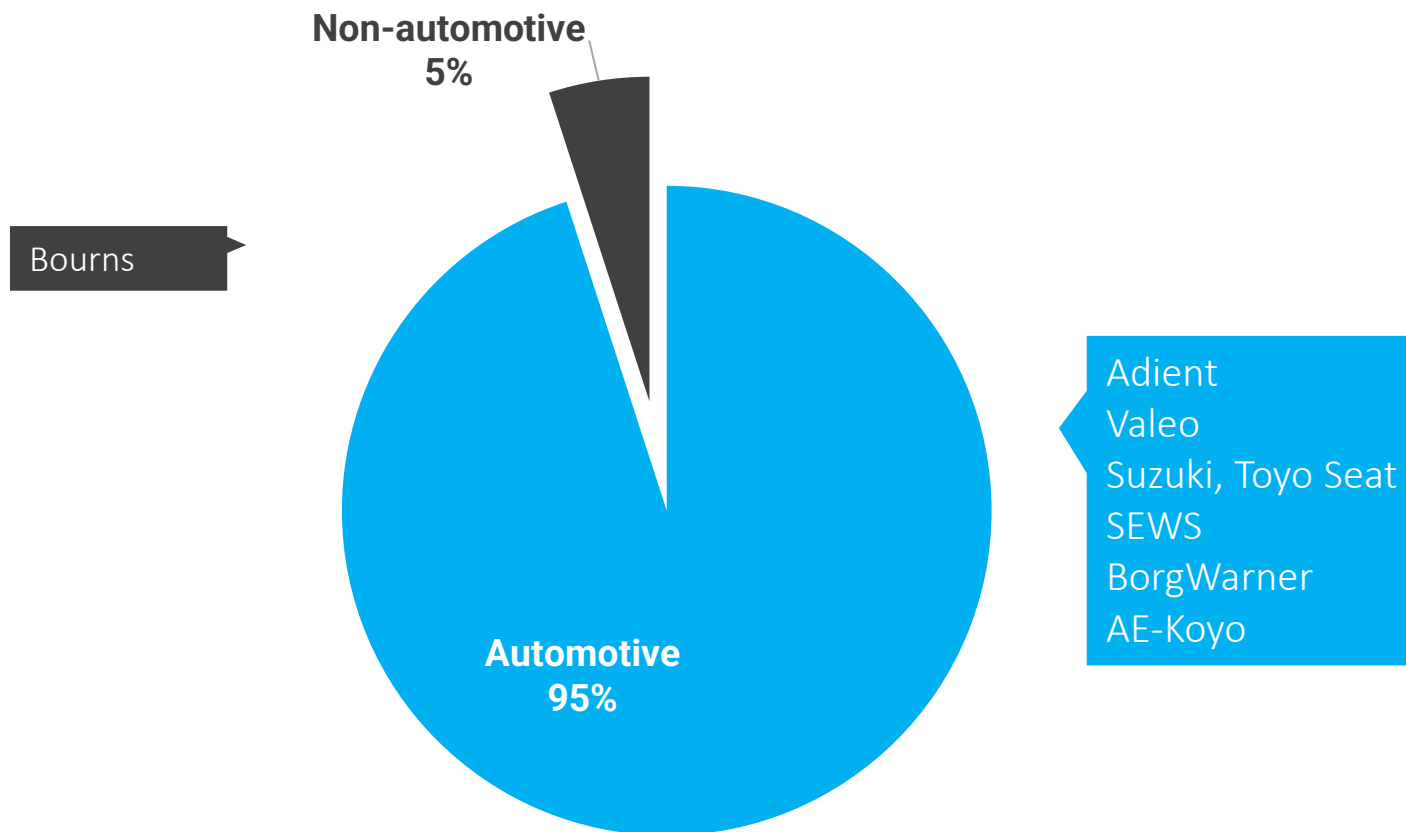


2020



2021

AUTOMOTIVE RATIO (2021)



QUALITY CERTIFICATES

First certificate

- ISO 9002 in 1996

Current certificates

- ISO 9001:2015, since 2001
- ISO 14001:2015, since 2002
- IATF 16949:2016, since 2002
- BEAB, since 2001



ORGANIZATION CHART



AE-PLASZTIK ZRT.

SZERVEZETI FELÉPÍTÉSE | ORGANIZATION CHART

**MŰSZERTECHNIKA-
HOLDING ZRT.**

*Board of directors
Igazgatótanács*



VITAI Balázs

*Chief Executive Officer
Vezérigazgató*



TASI Enikő

*Secretary
Titkárnő*



LAKATOS Tibor

*Assembly Shop & Maintenance Manager
Szerelőüzem és Karbantartási Vezető*



SZABÓ Norbert

*Quality Manager
Minőségirányítási Osztályvezető*



LAKAT Balázs

*Logistic Manager
Logisztikai Osztályvezető*



BERTALAN Norbert

*Sales & Technical Manager
Értékesítési és Műszaki Osztályvezető*



MEILINGER Katalin

*Human Resources Manager
Emberi Erőforrások Vezető*



CSIZMADIA András

*Moulding Shop Manager
Műanyagüzem Vezető*



HAJÓS Zoltánné

*Accounting Manager
Pénzügyi Vezető*



SZABÓ Krisztina

*Warehouse Manager
Raktározási Vezető*

OUR TECHNOLOGIES

1. Injection molding

2. Assembly

3. Fast pressing

4. Tampon printing

5. Laser marking



INJECTION MOULDING

- 54 modern machines
- Hydraulic, electric and vertical machines
- Clamping force between 40t and 900t
- Removing robots
- Production of decorative parts

ENGEL
KraussMaffei
ARBURG
FANUC



ASSEMBLY

- Assembly on semi-automatic and manual lines
- Complete production of inner door handles and door stoppers for automotive
- Assembly of hundreds of different potentiometers
- Electronic spot and plastic welding
- Poka-Yoke system development where necessary



FAST PRESSING & TAMPO PRINTING

- 6 fast pressing machines
- Clamping force between 25t and 50t
- 6 tampon printing machines
- PP, ABS, PA plastic part and metal pad printing



DELIVERY LOCATIONS

Adient

- > Mezőlak (HU)
- > Mór (HU)
- > Mandling (AU)
- > Bochum (DE)
- > Solingen (DE)
- > Rockenhausen (DE)
- > Jimbolia (RO)
- > Slovenj Gradec (SL)
- > Strasbourg (FR)
- > Liverpool (UK)
- > Burton-on-Trent (UK)
- > Lucenec (SK)
- > Zilina (SK)
- > Zory (PL)
- > Skarbimierz (PL)
- > Swiebodzin (PL)
- > Calatorao (ES)
- > Esmoriz (PO)
- > Delhi (IN)
- > Shanghai (CH)
- > Rio de Janeiro (BR)

SEWS

- > Budapest (HU)

Valeo

- > Veszprém (HU)

Suzuki

- > Esztergom (HU)

Toyo-Seat

- > Nyergesújfalu (HU)

Bourns

- > Ajka (HU)

BorgWarner

- > Oroszlány (HU)



SUZUKI

- One of the first and most determinant customers of our company
- Different plastic parts and assemblies



Swift
(1992-2003)



Wagon R+
(2000-2007)



Ignis
(2003-2007)



Swift
(2005-2010)



SX4
(2006-2013)



Splash
(2007-2014)



Swift
(2010-)

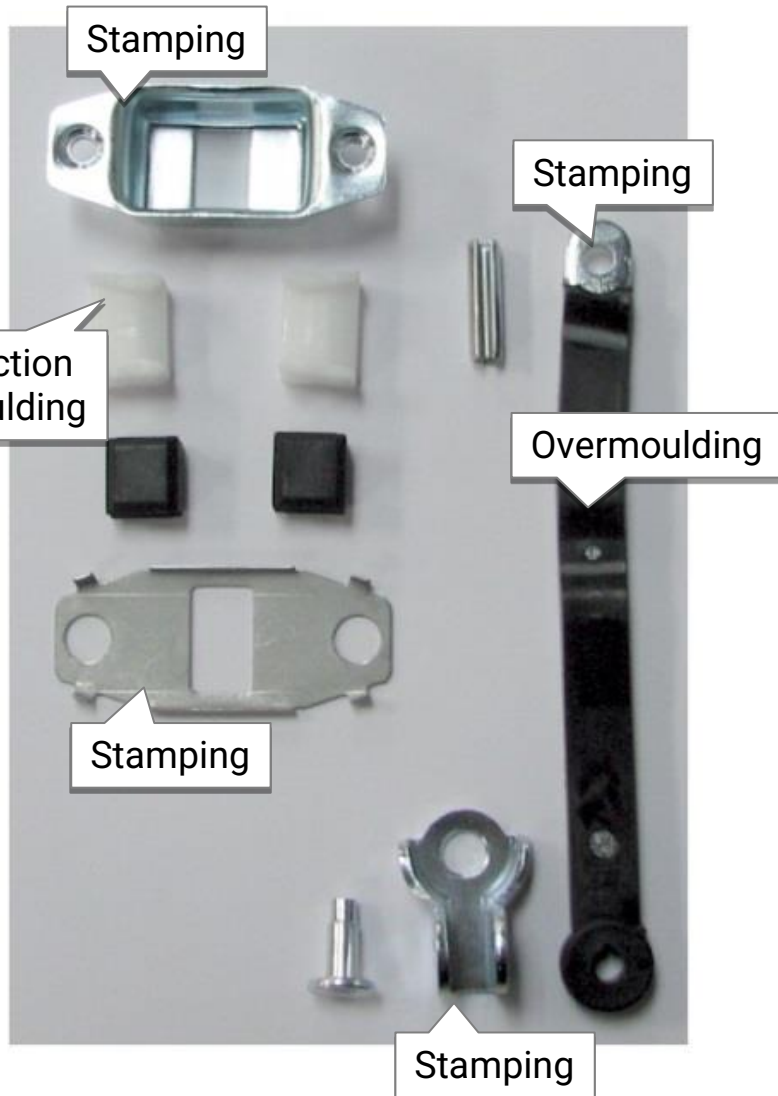


S-Cross
(2013-)

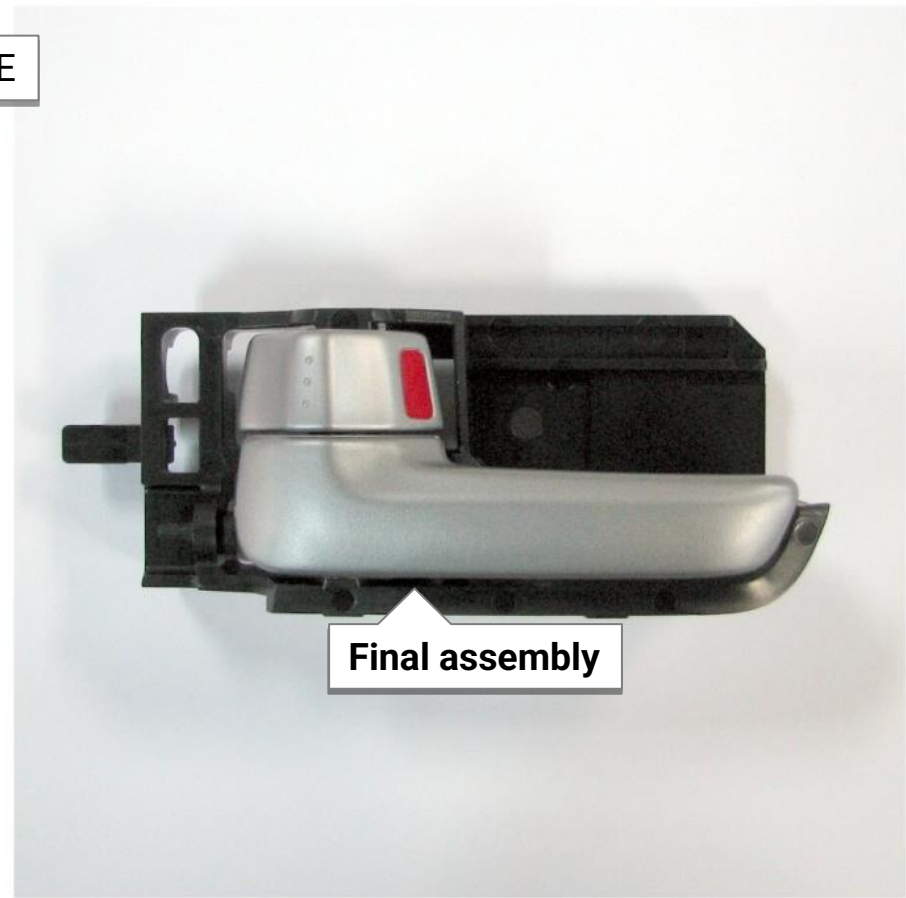
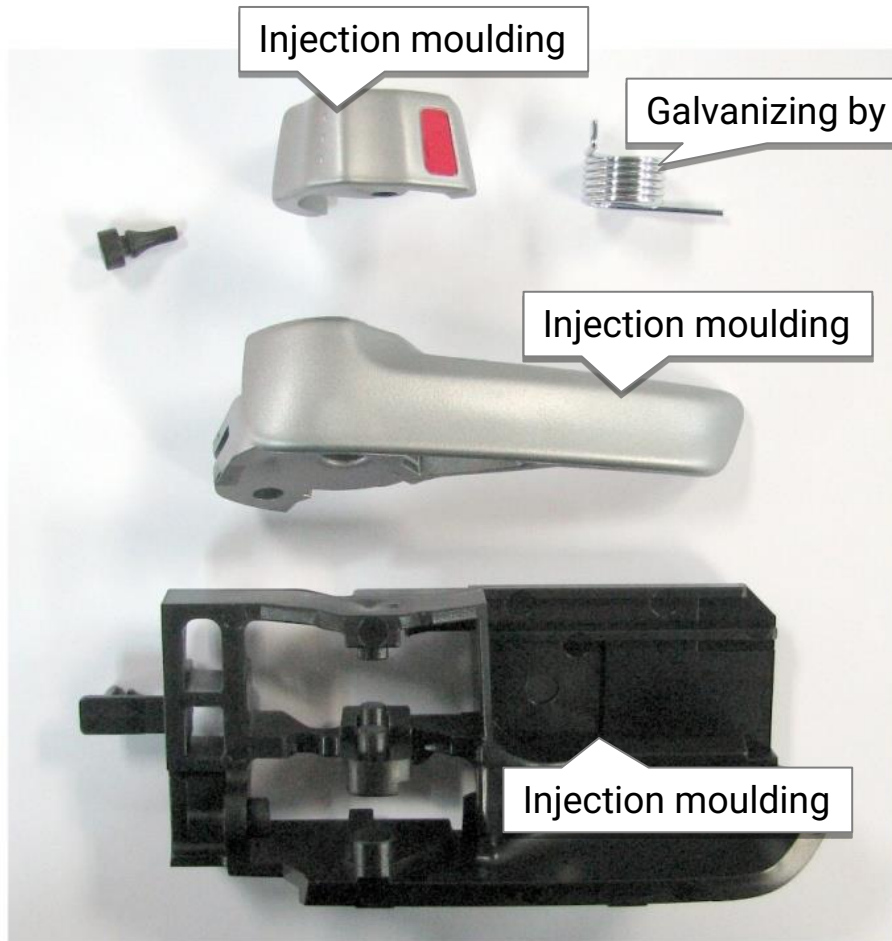


Vitara
(2015-)

SUZUKI (DOOR STOPPERS)



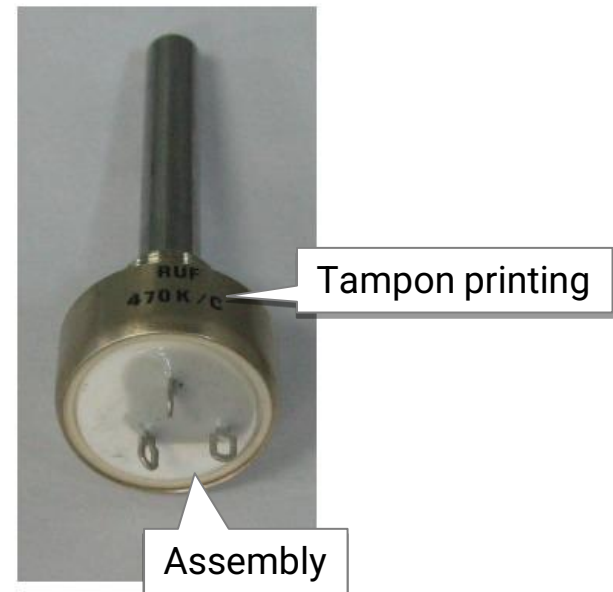
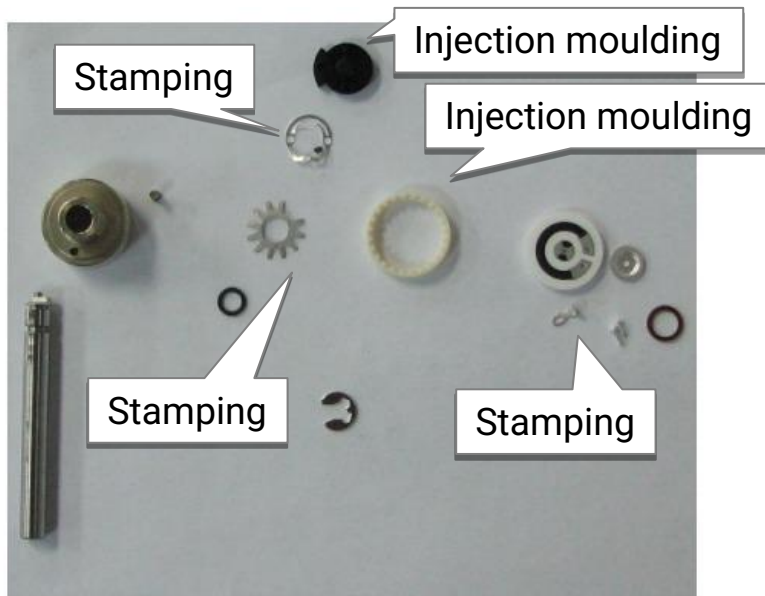
SUZUKI (INNER DOOR HANDLES)



BOURNS (POTENTIOMETERS)

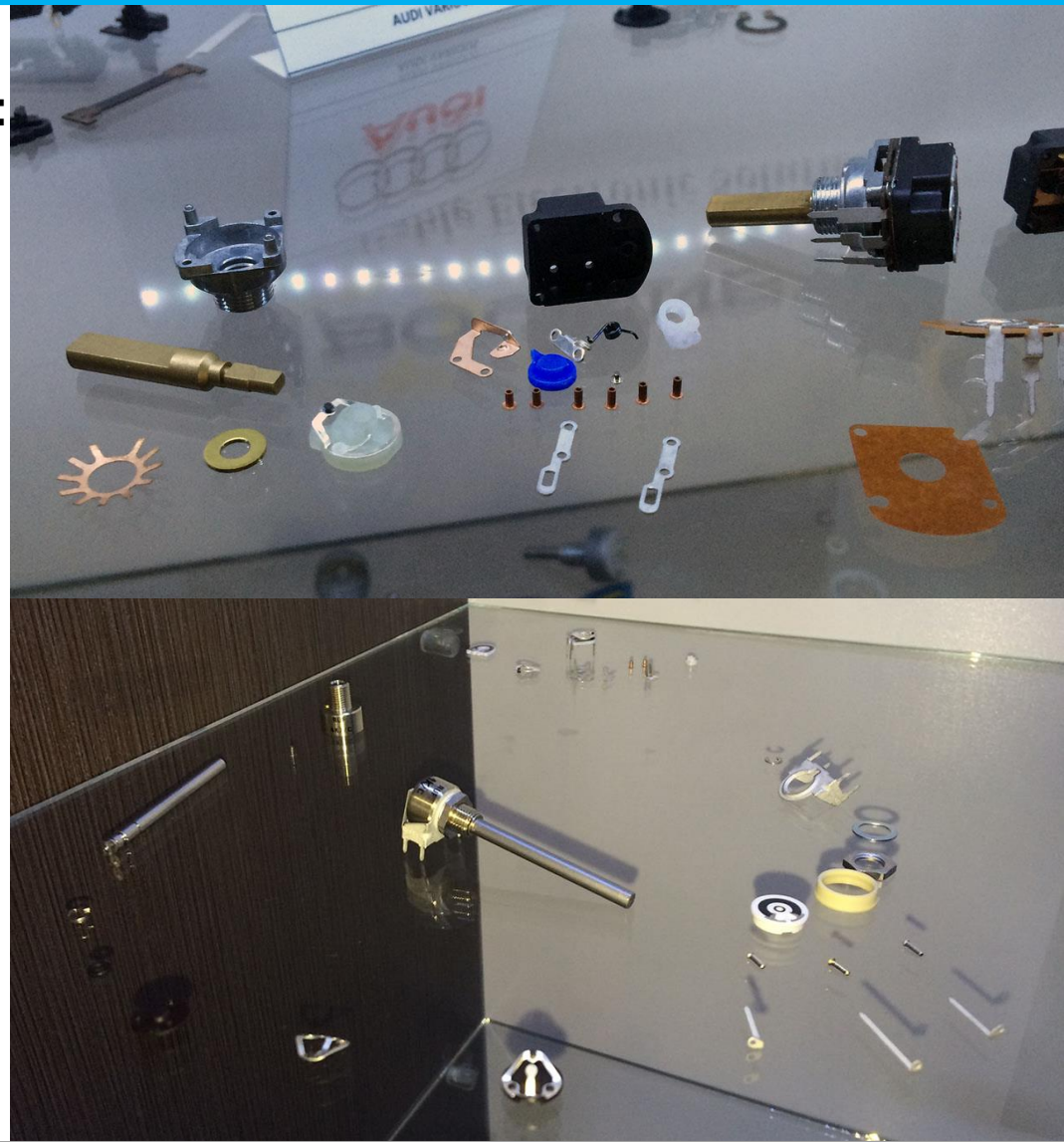
- Assembly of couple hundreds different potentiometers from in-house manufactured and purchased parts

Water resistant potentiometer:



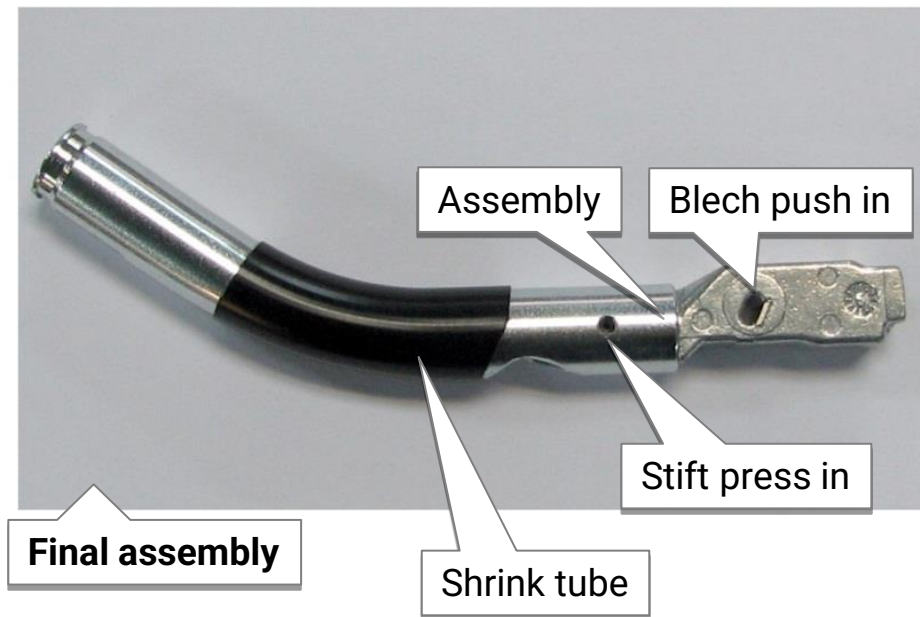
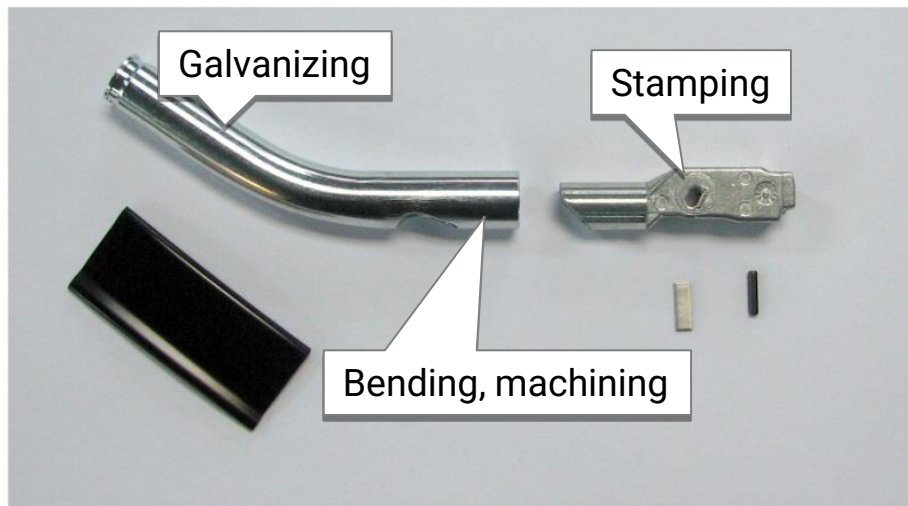
BOURNS (POTENTIOMETERS)

Hundreds of different elements:



VALEO (MAIN PRODUCT)

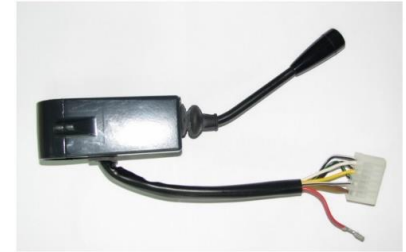
- Indicator arms for lorries and machines for building industry (57 different types)



VALEO (AFTERSALES)

- 50-100 different components per assembly

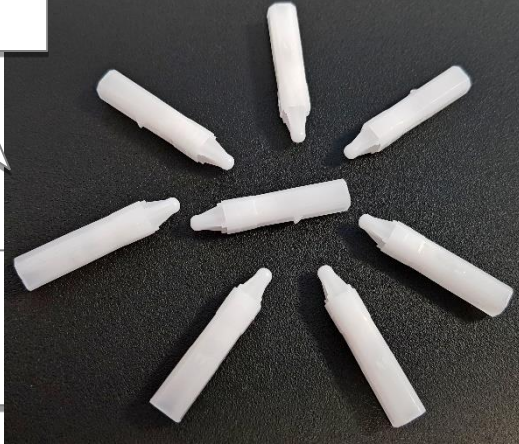
Major OEM partners through Valeo:



VALEO (VOLVO SPA switches)

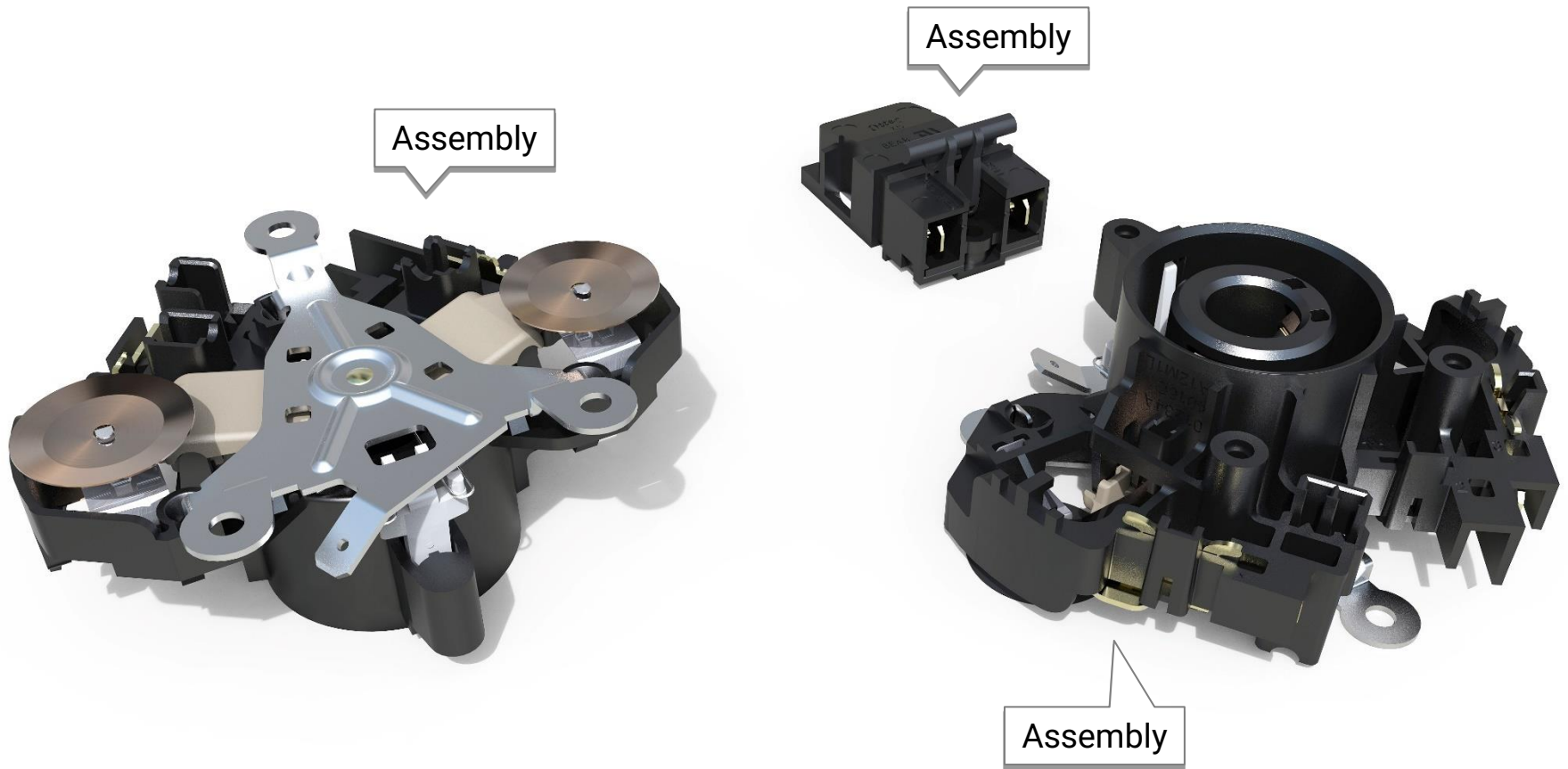
Injection molding (8 cavities)
Annual 1-3 million parts

WIPER Assy
Weekly 15.000 assemblies
using 19 components



LIGHTING Assy
Weekly 15.000 assemblies using
16 components

OTTER CONTROLS (ELECTRIC KETTLE COMPONENTS)



ADIENT (JOHNSON CONTROLS INC) (PLASTICS, ASSEMBLY, TAMPO PRINTING)

Major OEM partners through JCI:



TPE molding
Visual part



DAIMLER

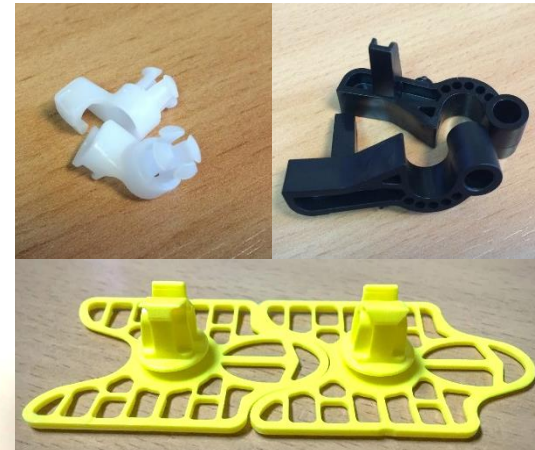
High volume
Injection moulding



Assembly



Tampon printing



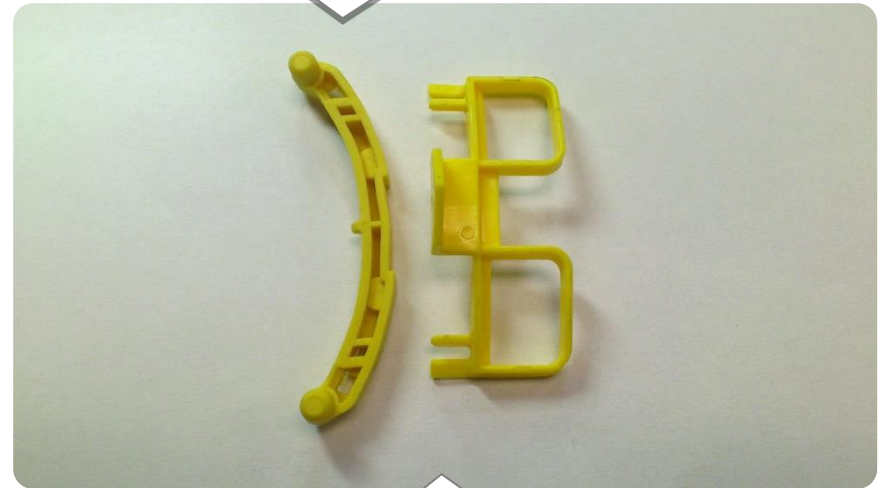
BORGWARNER (FILTER OVERMOULDING, PLASTICS)

Overmoulding with filter



Assembly

TPE part moulding



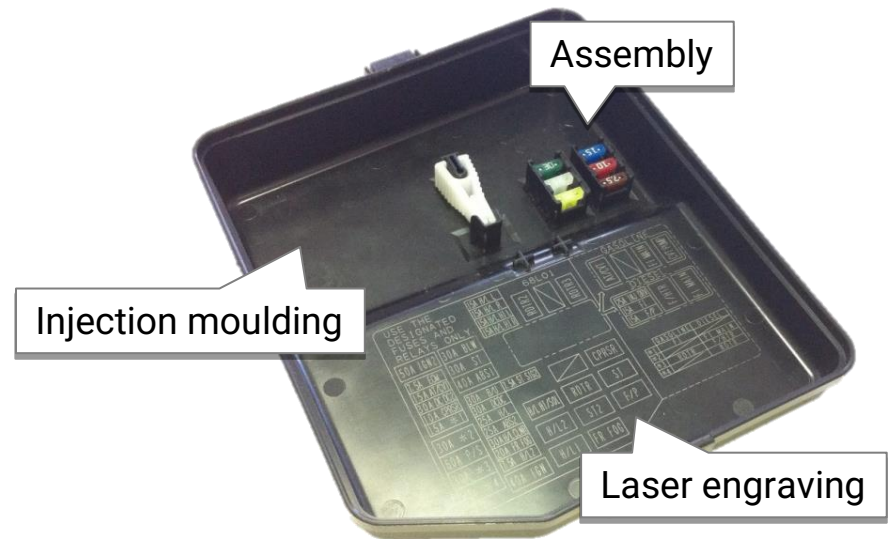
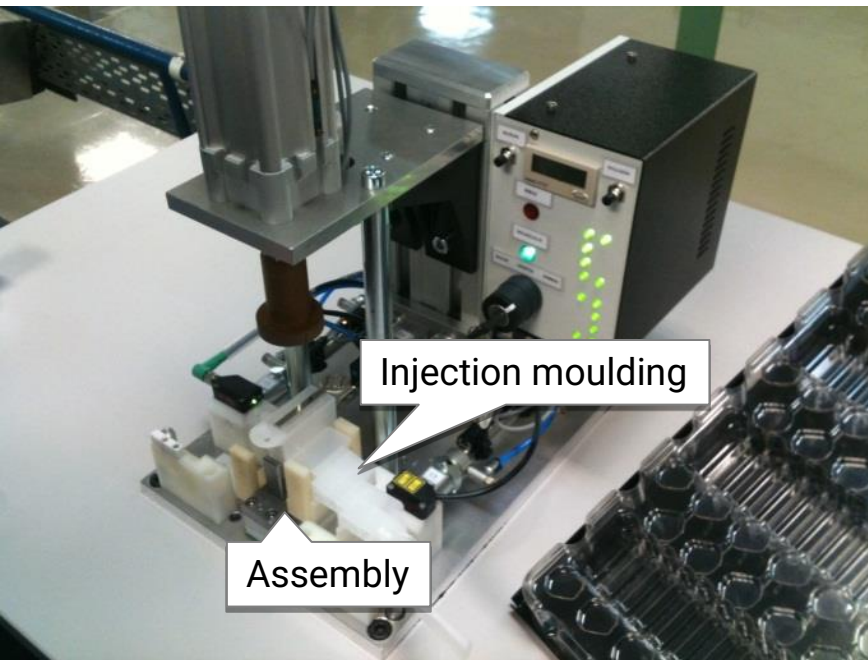
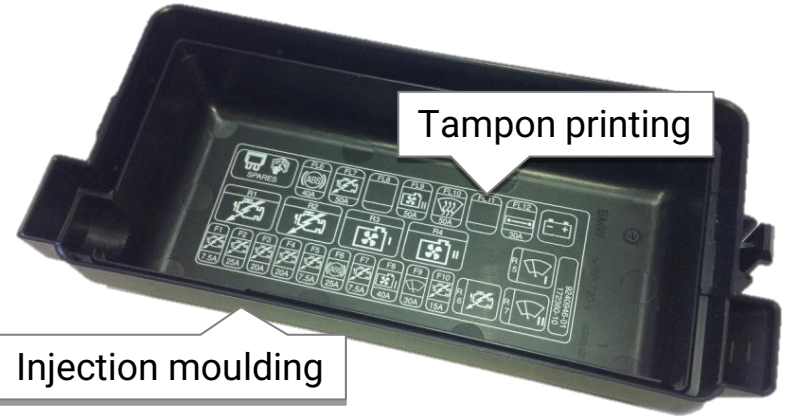
Plastic welding

Major OEM partners through BorgWarner:



SEWS (FUSEBOX COMPONENTS, PLASTICS)

Major OEM partners through SEWS:



STRATEGIC PLANS

- ✓ Expanding the supplying and subcontracting activities, take over the logistic activities on a higher level, increase the complexity of services
- ✓ Increase the complexity of production, take over the production of complete parts, increase the engineering activity
- ✓ Continuous improvement of our quality and environmental management systems.
- ✓ Stable customers having higher turnover but “standing on several legs”
- ✓ Improve the basic profiles: parts, components and assemblies for automotive industry and consumer’s utility goods
- ✓ Improvement of technologies - improvement of efficiency - improvement of profitability



THANK YOU FOR YOUR ATTENTION