# **BÖHN** PLAST-TECHNIK

#### **COMPANY PRESENTATION**













Founded in 1991



**200** employees



We specialize in **injection molding** and thermoplastic **plating** including assembly



- We have all necessary certificates
- Turnover in 2024: 14 mio. EUR (\$)

## Main activities:

Production of plastic parts for automotive, electrotechnics, telecommunication industry and metallization of them. **Additional activities:** 

Assembly, ultrasonic welding, bonding, possibility of external painting of parts, external development and construction of moulds.





# **PRODUCT DIVISION**

**Electrotechnics** 8%

Automotive - lighting technology 60%

#### Automotive - powertrain 24%







BÖHM PLAST-TECHNIK has all the necessary **certificates**:

- ISO 14001:2015
- ISO 50001:2018
- EN ISO 9001:2015
- IATF 16949:2016
- TISAX Level 3







Březová 2054

Ohor plataasti

Prate, 2024-04-16



#### tayllorcox.com

#### Certifikát

Systém environmentálního managementu

#### **BÖHM PLAST-TECHNIK a.s.**

IC: 26814773 Březová 2054 560 02 Česká Třebová

#### ISO 14001:2015

byl prověřen a shledán shodným s požadavky normy

pro následující rozsah služeb a činností:

Výroba a prodej přesných plastových výlisků technologi vstřikováním a pokovením.

Datum prvotní certifikace: Datum současného certifikačního cyklu Platnost certifikátu do:

01.02.2006 15. 02. 2024 14. 02. 2027

#### RIANDA

Ing. Radek Nedved edoucí certifikačního orgán V Praze dne 15. 02. 2024



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#### TUVNORD

#### Certifikát

pro systèm managementu die IATF 16949:2016 (1. vydání, 2016-10-01

V souladu s protupy je timto potvrzeno, ž

BÖHM PLAST-TECHNIK a.s. Biezová 2054 560 02 Česká Třebová Česká republika

USI: P9WYLS

Ober plamosti

Vstřikování, pokovení a montáž termoplastů

bezzodpovědeosti za vývoj výrobku (dle eddilu 8.3

ATF-registrační číslo 0511454 Peristrační číslo certifikátu 44 111 210043

Datum vystaveni: 2024-04-16 Datum olatrosti: 2027-04-15



IATF 16949

Essen, 2024-64-18 J. S. on Olt a byla provedena v sculadu a IATE "Pravidia pro doseženi a



Stanke1z1 A13F201Rev.03/12.23

Certifikat č.: 240215696

#### TÜVNORD

#### Certifikát

pro systém managementu dle EN ISO 9001:2015

Certifikační orgán TÜV NORD CERT GmbH tímte potvrzuje jako výaladek au a rozhodnutí o certifikaci podle normy ISO/IEC 17021-1:2015, že organizace

BÖHM PLAST-TECHNIK a.s. 560 02 Česká Třebová Česká republika



TUVNORD

ISO 9001

provozuje systém managementu ve shodě s požadavky normy EN ISO 9001:2015, a že po dobu platnosti cerifikátu, která je 3 roky, bude jeho shoda s normou monitorována.

Vstřikování, pokovení a montáž termoplasto

Registrační číslo certiříkátu 44 100 21 52 0012 Audít, zpráve číslo 1511/2023 Platný od 2024-04-16 Platný do 2027-04-15 Počáteční certilikace 2021 Certifikachi nisto TÜV NORD CERT Gmbl

TÜV NORD CERT GmbH Am TÜV 1, 45307 Eccon www.tuev-nord-cort.cor







tayllorcox.com

#### Certifikát

Systém managementu hospodaření s energií

**BÖHM PLAST-TECHNIK a.s.** 

IČ: 26814773 Březová 2054 560 02 Česká Třebová

byl prověřen a shledán shodným s požadavky normy

#### ISO 50001:2018 pro následující rozsah služeb a činností:

Výroba a prodej přesných plastových výlisků technologii vstřikováním a pokovením.

Datum pryotní certifikace: Datum současného certifikačního cykli lateost certifikátu do











ard Heste - Fraha 1, CZ 110 00, aus



# **SOCIAL RESPONSIBILITY POLICY**

## **HUMAN RIGHTS**

- We support and tolerate internationally recognised human rights
- We reject any complicity in human rights abuses

## **CONDITIONS OF WORK**

- We recognize the right of workers to assemble and their right to collective bargaining
- We eliminate all forms of forced labor
- Avoid child labor
- Eliminate all discrimination in employment

## **ANTI-CORRUPTION MEASURES**

• We reject corruption in all its forms, including bribes and extortion





# **EIGHT PRINCIPLES OF SUSTAINABILITY**

## **1. WASTE MINIMIZATION**

Implement procedures for recycling and reusing materials.

### **2. EFFICIENT USE OF RESOURCES**

Reduce the consumption of water, energy, and other raw materials.

## **3. EMISSION REDUCTION**

Implement cleaner technologies and reduce carbon footprint.

#### **4. PRODUCT RESPONSIBILITY**

Design and develop products that are long-lasting and recyclable.

## **5. EMPLOYEE ENGAGEMENT**

Educate and motivate employees towards sustainable work practices.

## **6. ETHICAL BEHAVIOR**

Adhere to the highest ethical standards in all business areas.

#### 7. TRANSPARENCY

Communicate openly about sustainability goals and outcomes to the public.

#### 8. INNOVATION

Invest in research and development for more sustainable technologies and processes.



# TECHNOLOGICAL EQUIPMENT







BÖHM PLAST-TECHNIK **has 17 injection molding machines** from various world brands, such as ENGEL and SUMITOMO DEMAG with **clamping force from 120t to 1500t:** 

- SUMITOMO DEMAG 120t
- SUMITOMO DEMAG 210t
- ENGEL 300t 3x
- SUMITOMO DEMAG 350t
- ENGEL 400t 3x
- ENGEL 500t
- ENGEL 600t
- ENGEL 700t 3x
- ENGEL 1300t
- ENGEL 1500t
- SUMITOMO DEMAG 1500t







## **Equipment:**

- Spotting press TUS 160 Reis
- Mobile laser welding 150W
- Internal gas welding Tungsten TIG
- Universal cutter
- CO2 abrasive cleaning unite
- Portal crane 16t and 10t

## Scope of activities:

Assembly/disassembly, repair, external mould production, modifications, maintenance according to internal guidelines, service maintenance, spot pressing, polishing, laser welding, adjustment according to BPT standards







BÖHM PLAST-TECHNIK has three **evaporating** and three **sputtering** machines of the ARZUFFI brand.

- ARZUFFI 1800/1800 3x
- ARZUFFI COMBIMET II 3x

We specialize in **chrome**, **black chrome**, **aluminum** and **stainless steel** plating.







We provide **assembly** of assemblies and sub-assemblies, **ultrasonic welding**, **gluing**, **screwing**, **cutting** and more.





## **Equipment:**

- Coordinate 3D machine Zeiss Eclipse
- 3D Scanner Atos III Triple Scan
- Digital altimeter TESA 600mm
- Contour Chart
- Roughness Gauge
- Mahr Mahrsurg PS1
- Plastometer
- Spectrophotometer



# **PRODUCTION PROGRAM**

- Parts weighing from a few grams to 5 kg
- Parts for interior, exterior, headlights, technological products for electronics and other industries
- Viewing parts, PMMA parts, technical parts and light guides
- Decorative and functional plating of plastic parts with Al, Cr, CrN and stainless steel materials.
- PVD painting of components
- Assembly of components





# REFERENCE PARTS













# **GRAINED AND METALLIZED PARTS**

# ALUMINUM CHROME

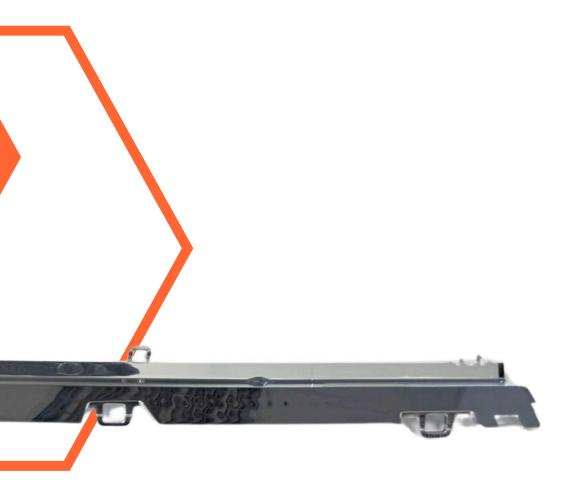
# STAINLESS





# ALUMINUM

201

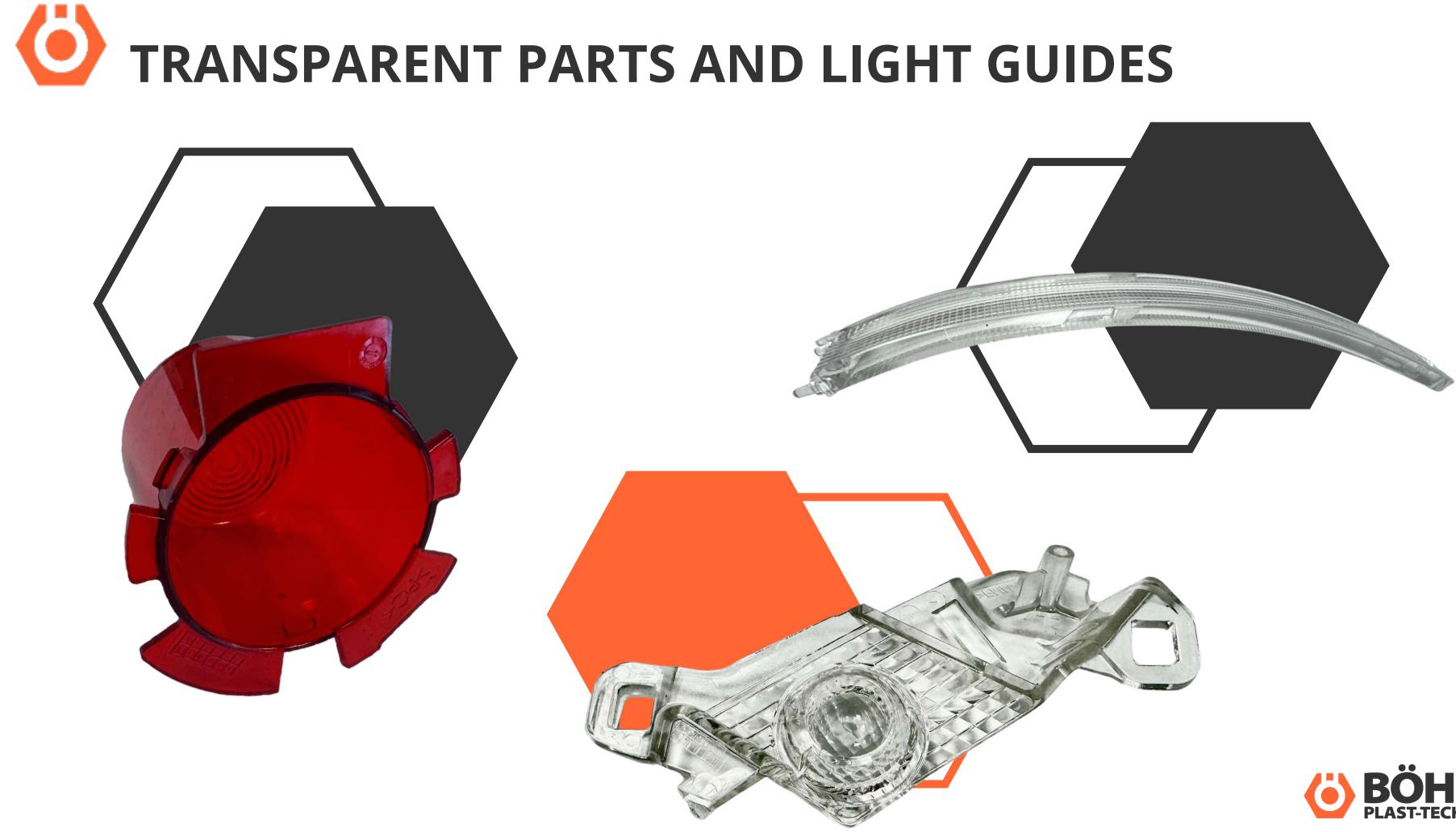




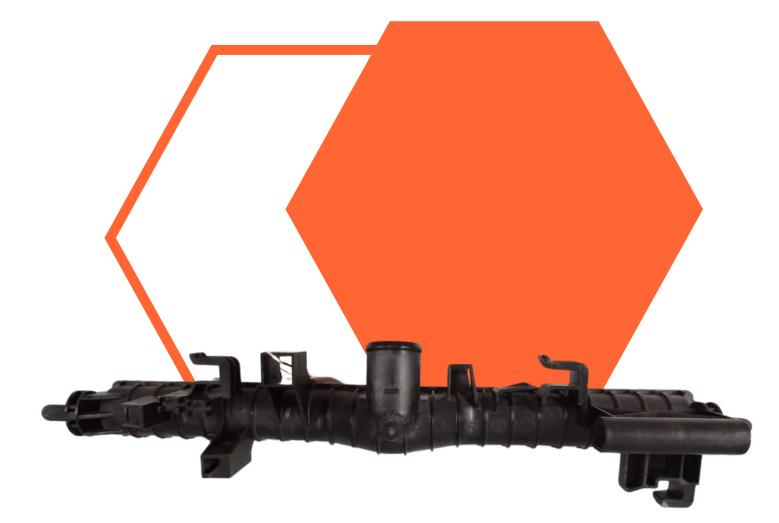


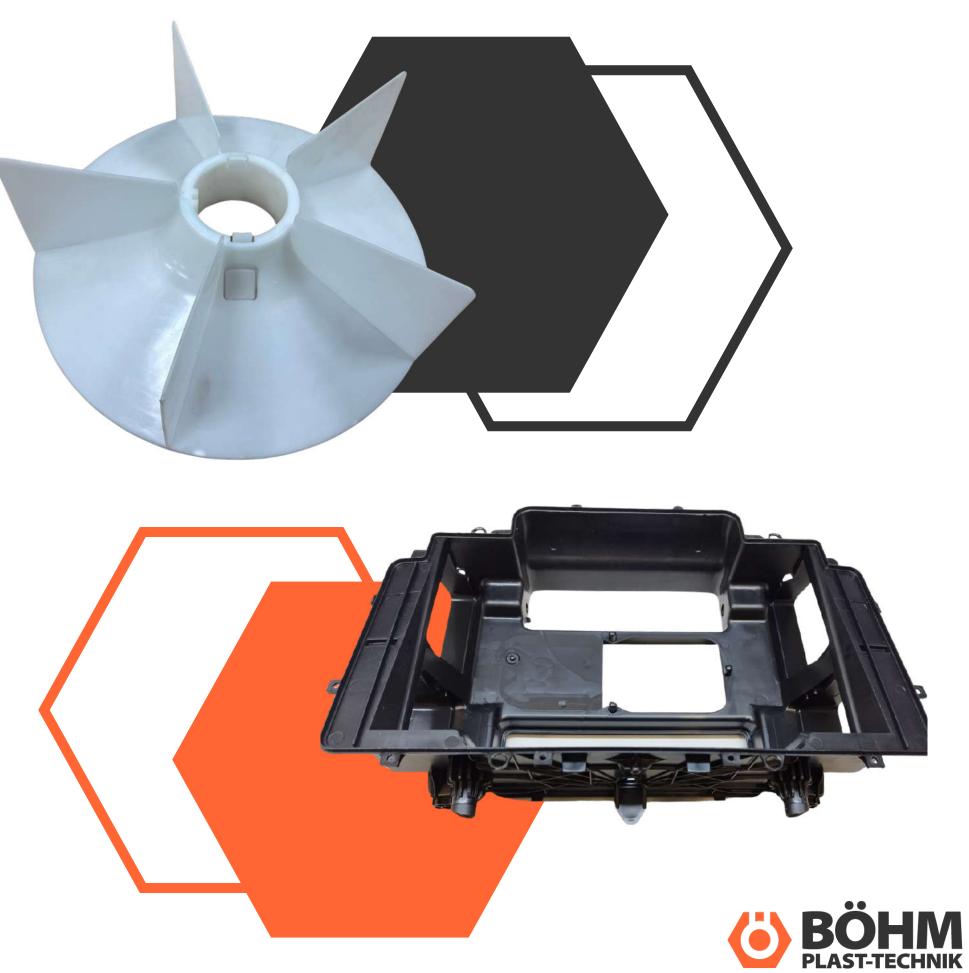


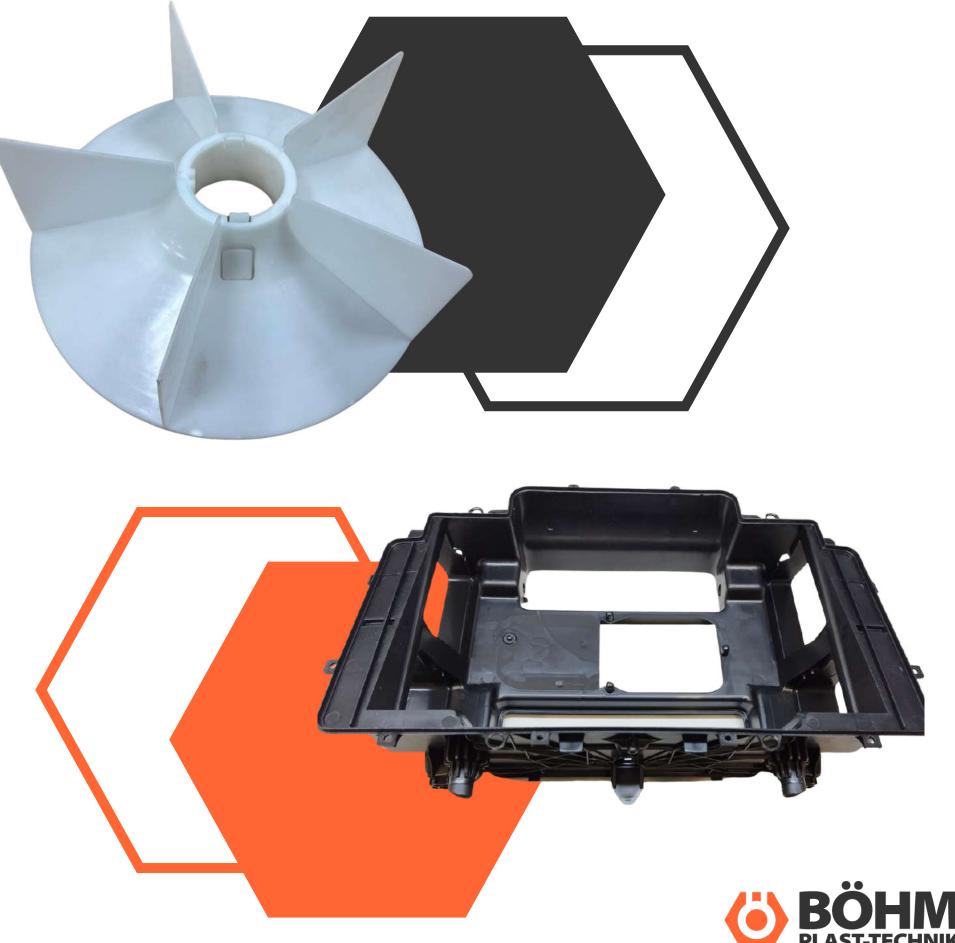




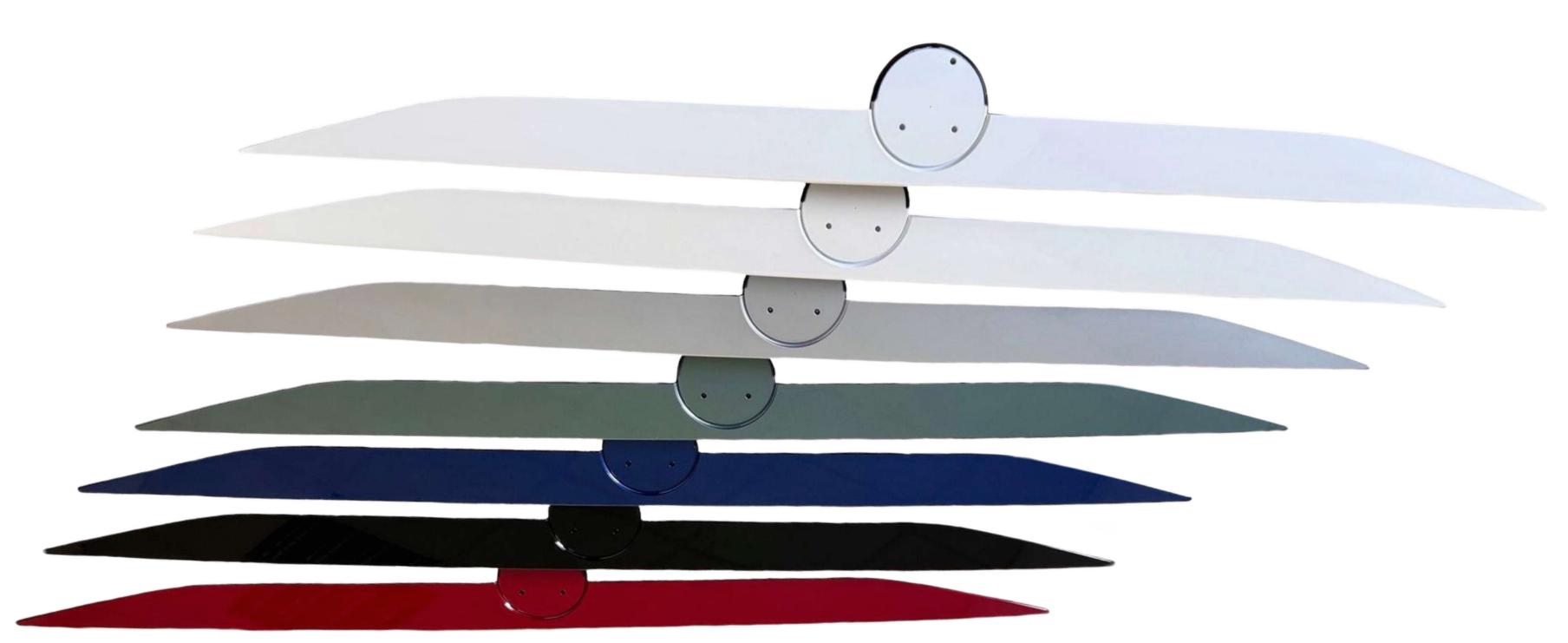




















# THANK YOU FOR YOUR ATTENTION

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About us Services Contact 🔜 💌

#### Services

The production of plastic parts takes place on injection molding machines of the ENGEL and DEMAG brands, with a clamping force from 120t to 1500t. Thanks to modern machinery, we are able to produce parts weighing from a few grams to up to five kilograms. We produce exposed and technical parts for exterior or interior, engine compartment, parts for the production of headlights and taillights.

We also offer assembly of parts into more complex units, ultrasonic welding, pad printing, spraying or pressing of components and plating of reflective and decorative surfaces.

Our experience with metallization dates back to 2005 and we currently use two types of plating, namely steaming of Al layers and sputtering technologies (PVD plating) using chrome, aluminum and stainless steel. With this technology, we also perform reactive sputtering, such as chromium nitride layers.





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