



brac
Innovative Kunststoffsysteme

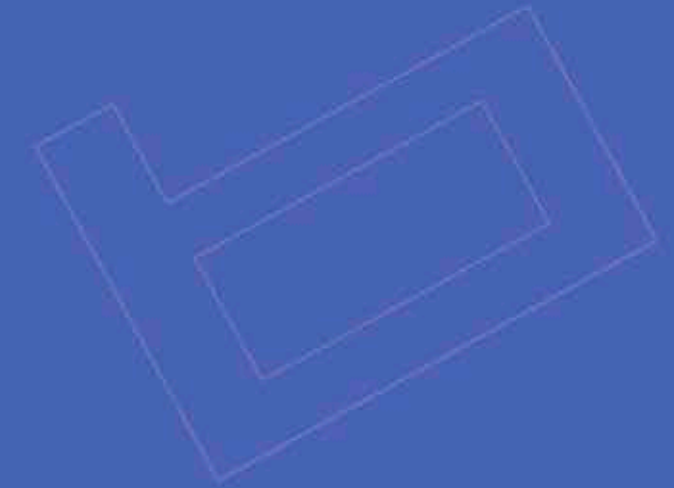
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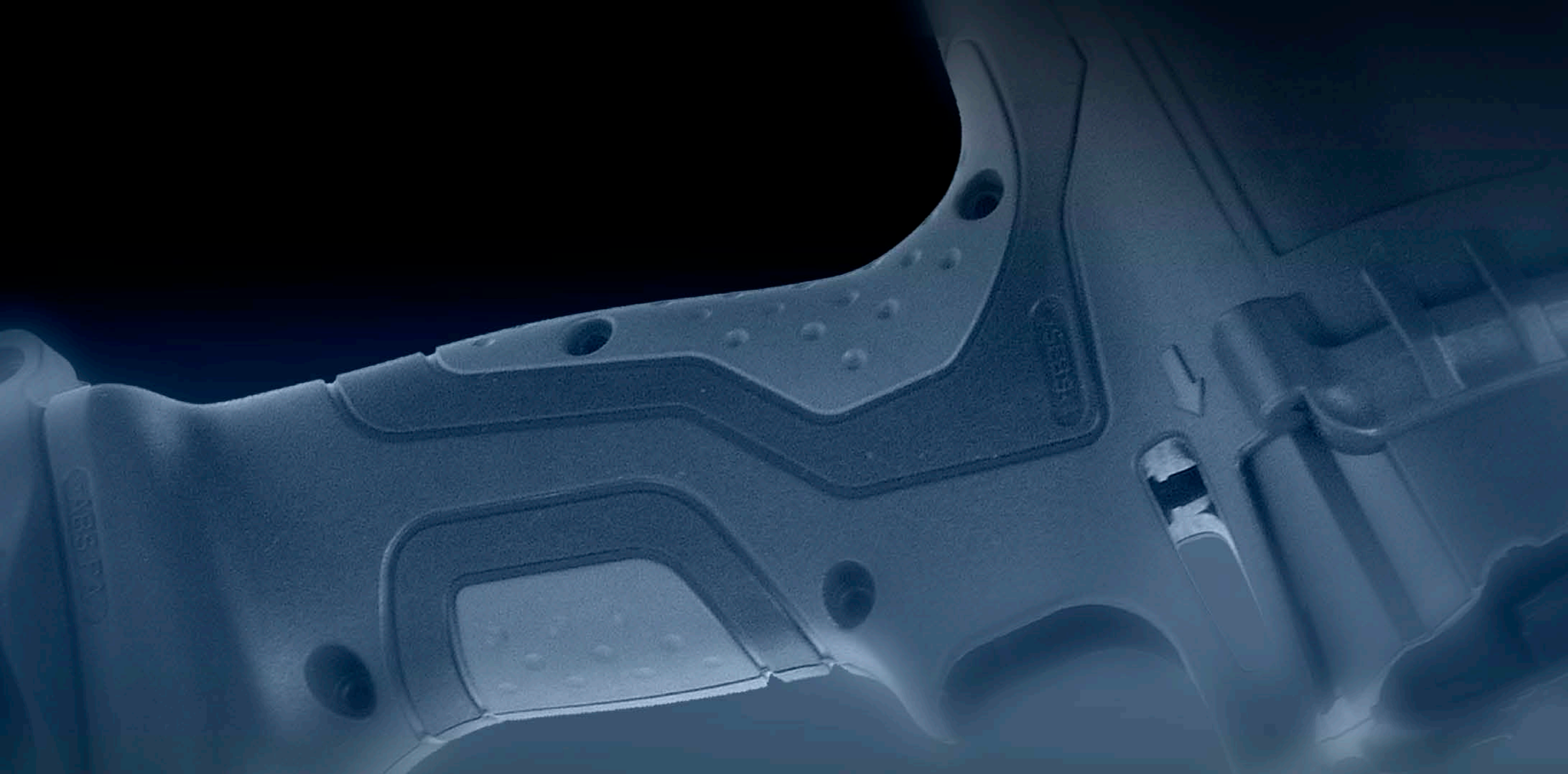
Innovative Kunststoffsysteme

First Switzerland

Injection Molder

... Experience since 1928





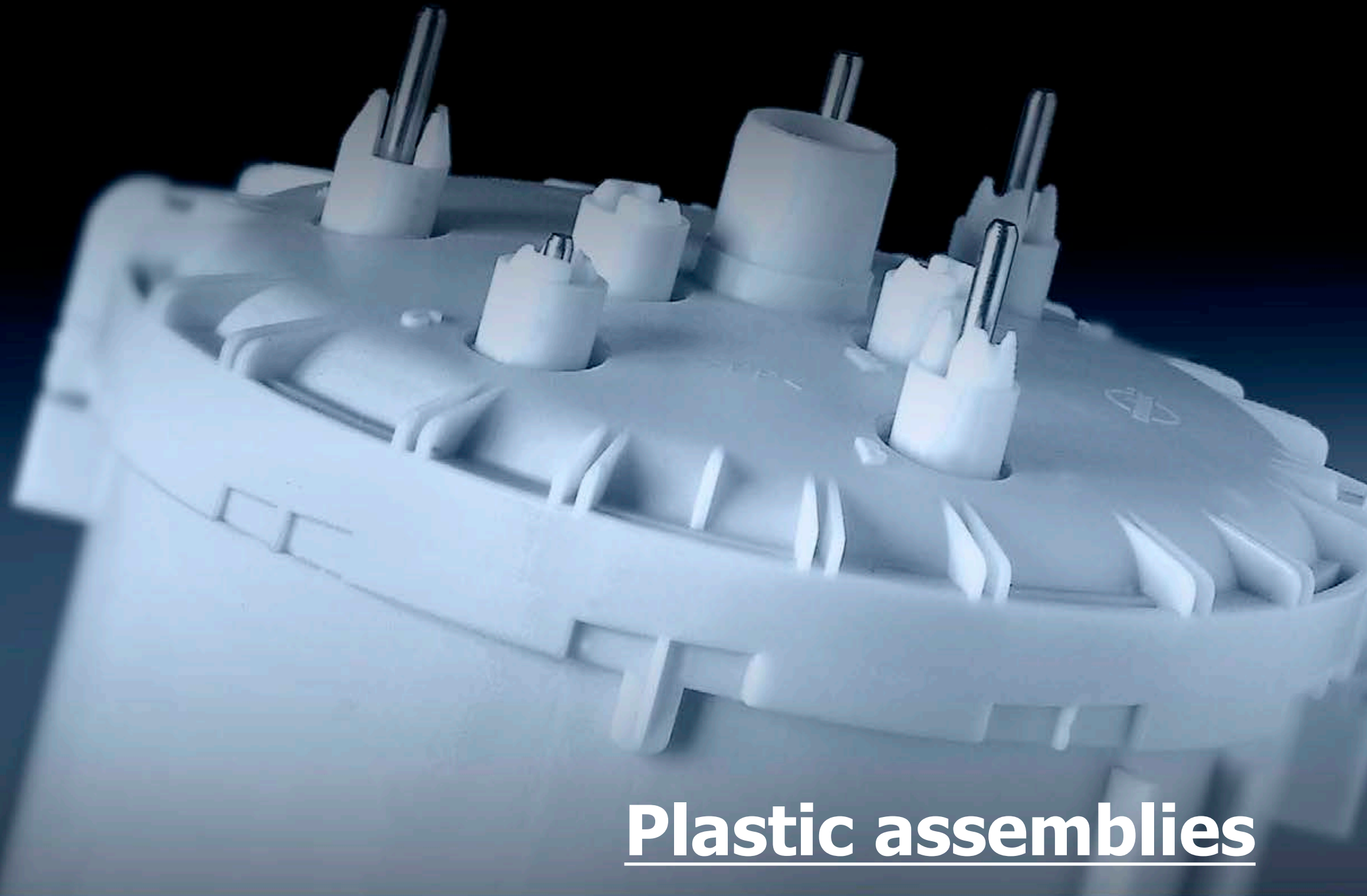
Multi-component injection moulding parts



Hybrid parts



Technical plastic parts



Plastic assemblies

Made of
thermoplastics and
duroplastics



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Branchen

White goods
and
Consumer
articles

Power Tools

Electro and
Electronics

Cosmetic and
Dental

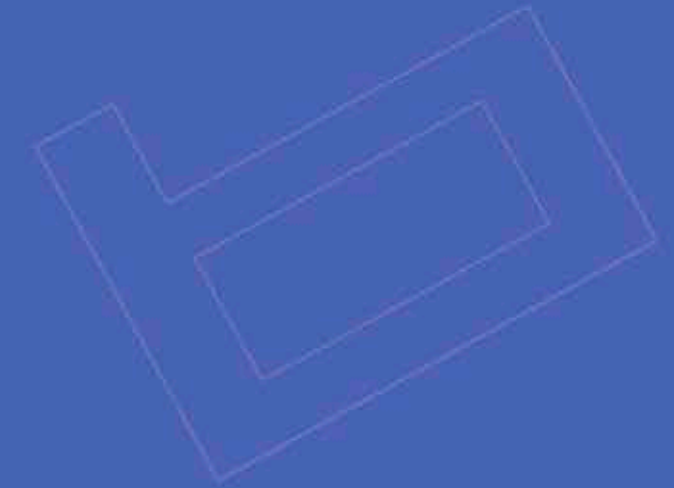
Medical
Orthopedics
Rehabilitation

Apparatus
and
Mechanical
engineering



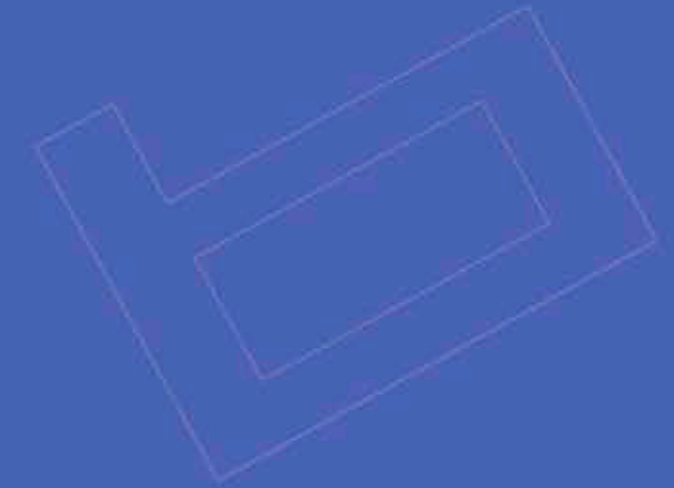
Core Competencies

- Support starting in earliest stage of product development
- Engineering
- Mold Design
- Toolshop (Supplier of highly complex injection molding tools)
- Automatisations
- Packaging and Logistics
- Customer services



Technologies

- Injection molding of thermoplastics (2 to 3000g)
- Injection molding of duroplastics (0.1 to 150 g)
- Compression molding Duroplastics (5 to 4000 g)
- Compression molding of hybrid parts (50 to 1000 g)
- Metal insert molding / back injection molding
- Pad printing, silk screen printing, hot stamping
- Fully automatic assembling modules
- Ultrasonic welding
- Fast conditioning of Polyamid parts
- Prototyping
- Mechanical processing of plastic components



Material in use

➤ Thermoplastics

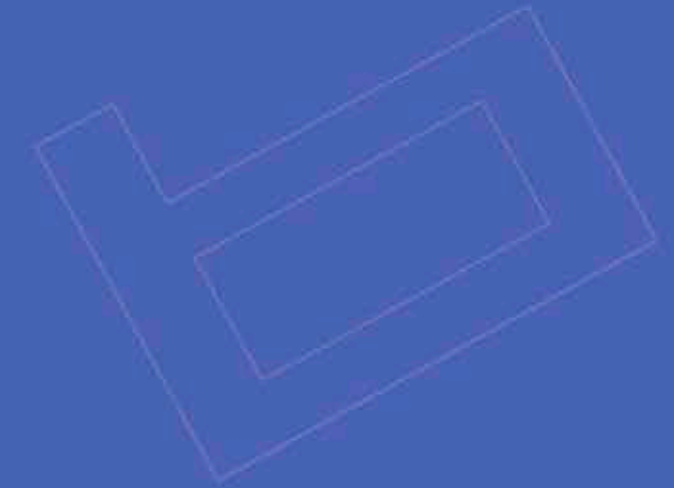
- all commercial standard and technical plastics

➤ Duroplastics

- UP, MF, UF (SMC,BMC, injection molding)

➤ Metall – plastic bonds

- Turned parts
- Stamped parts



Quality management

Certification according to ISO 9001:2015



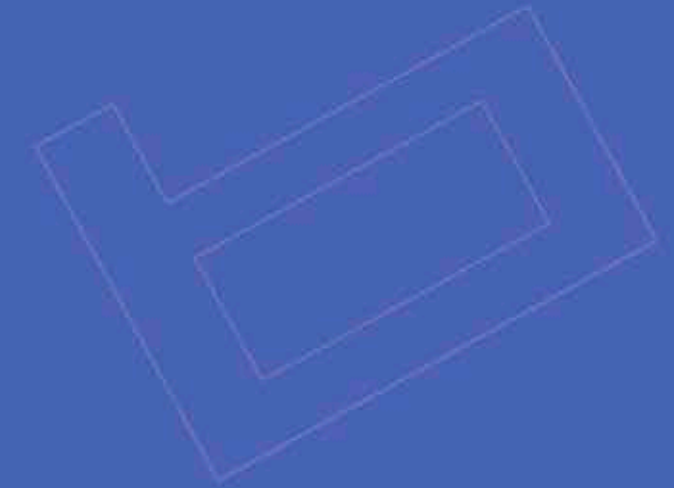
3D measuring device
„Chameleon“ Brown & Sharpe

Employees

Total

➤ 60 employees subdivided in:

- | | |
|--|----|
| ➤ Production injection and pressing | 31 |
| ➤ Post processing and further treatment | 7 |
| ➤ Process and production planning | 2 |
| ➤ Engineering, project management | 2 |
| ➤ Maintenance department | 6 |
| ➤ Quality management (w/o workman self inspection) | 2 |
| ➤ Logistics | 4 |
| ➤ Administration, sales and management | 6 |



How can we create “added value” for your project

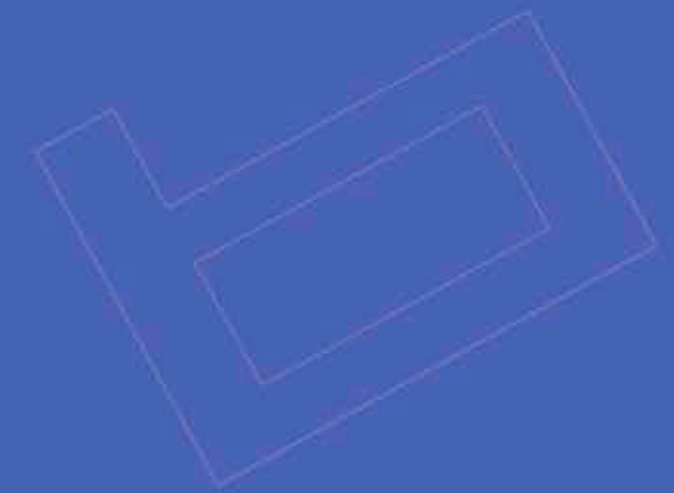
As competente partner with innovative ideas:

- Substitution of Metall + Aluminium components
- Innovative Tooltechnologies for dekorative parts (Printing, IML, IMD, metal coloring)
- Starting from Design till parts logistic and delivery

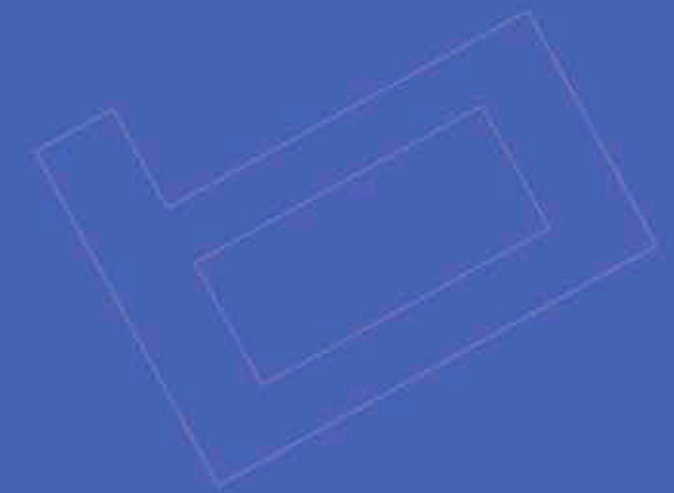
As „Contract Manufacturer“:

- Injection molding und pressing complex plastic parts
- Mounting the assembly
- Refining and upgrading parts to achieve additional benefits

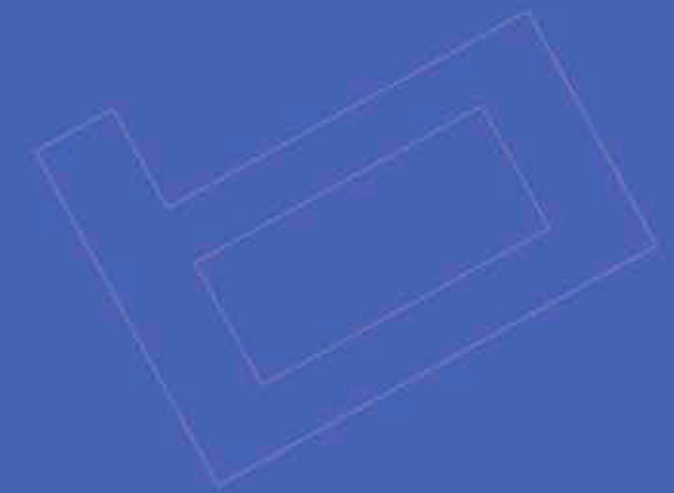
Power tools



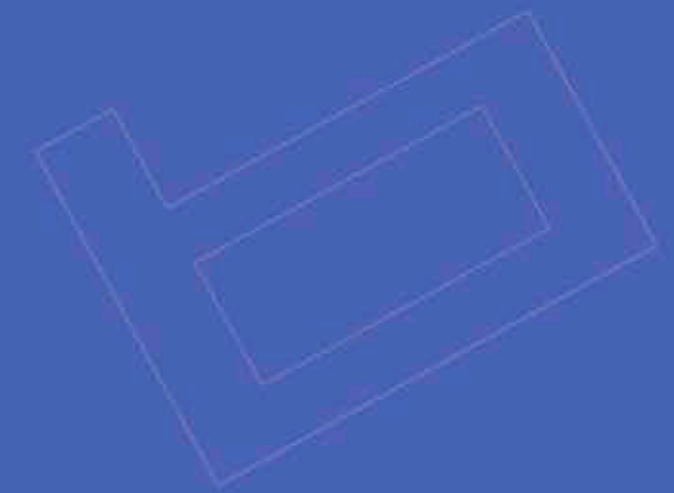
Hybrid parts



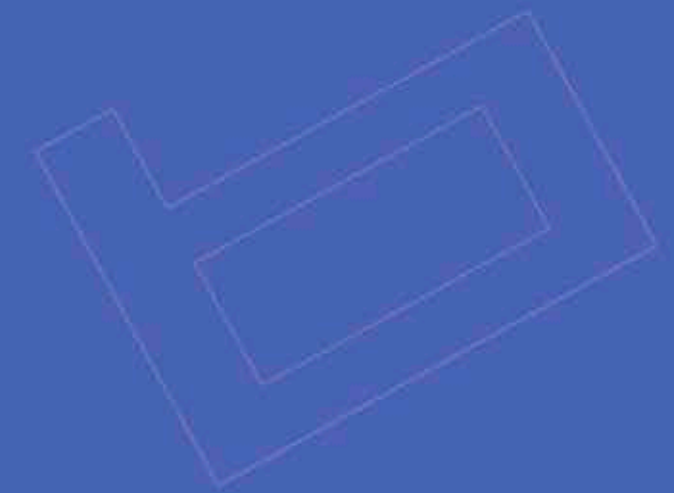
Technical parts



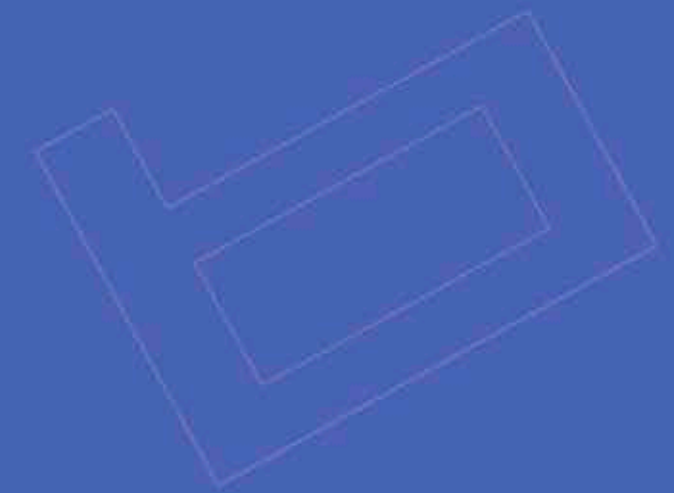
Plastic assembly systems



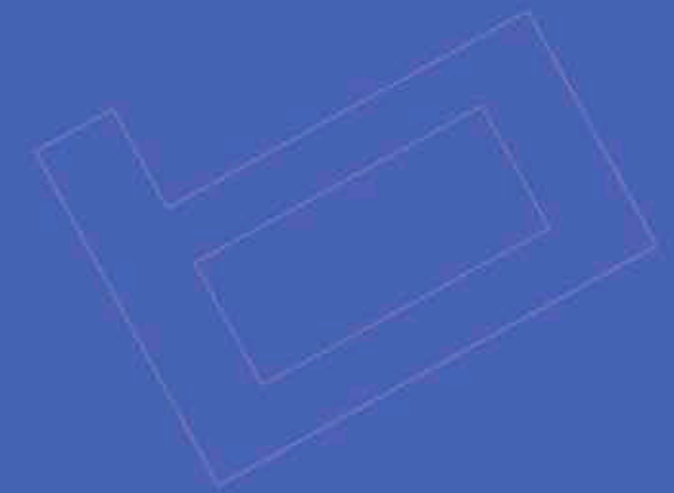
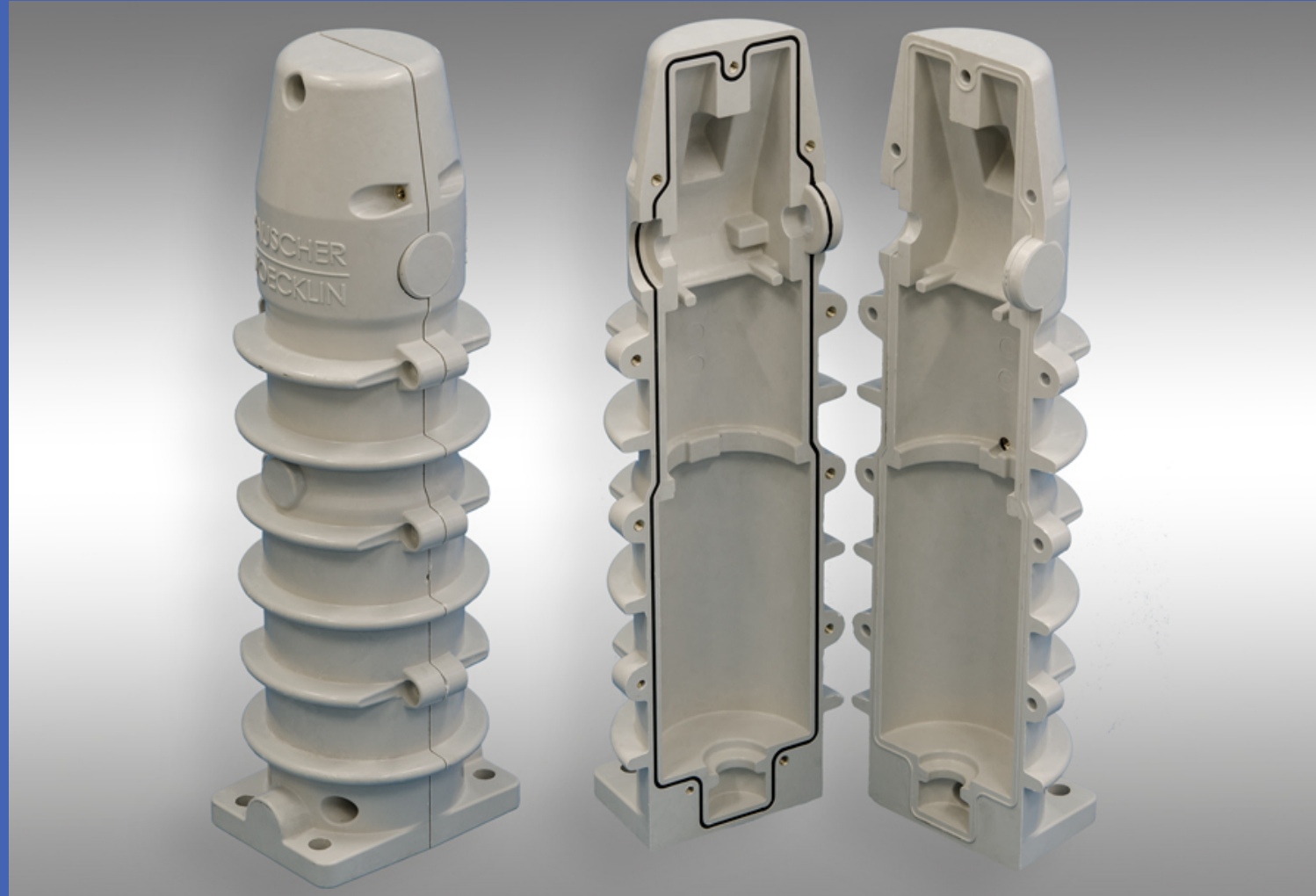
Body housing solutions



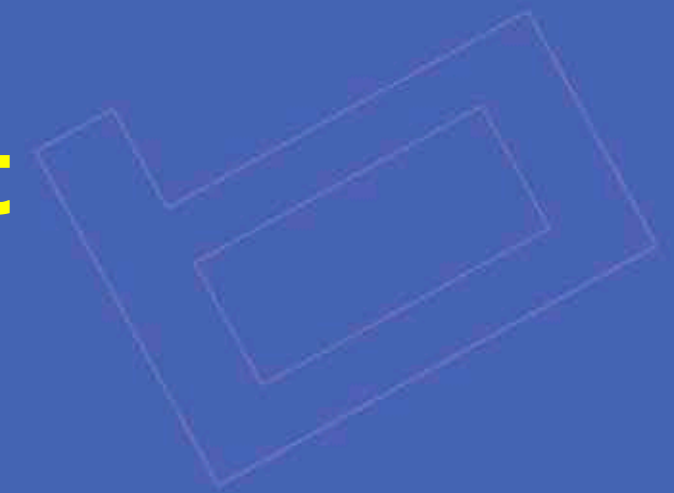
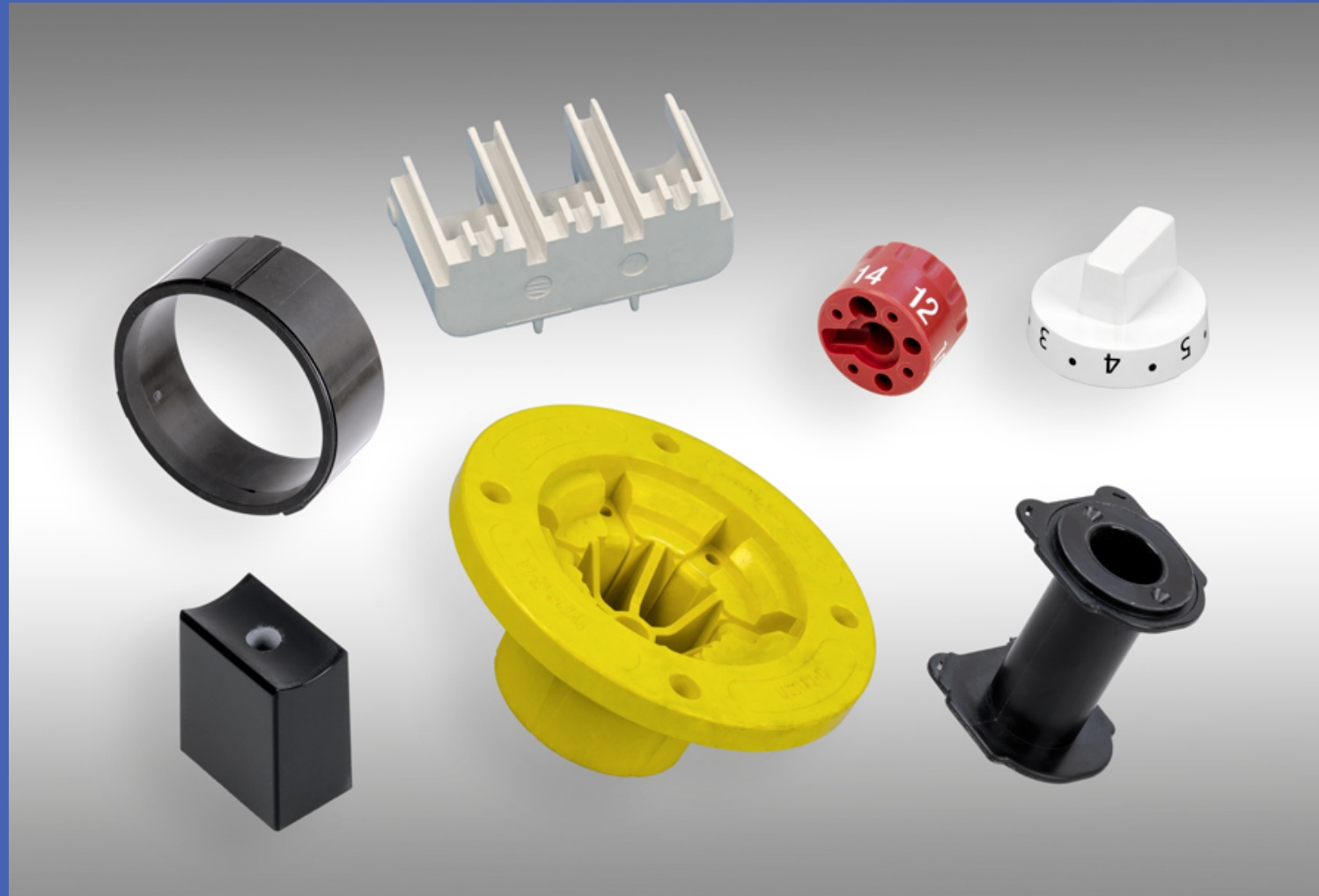
Complex modules



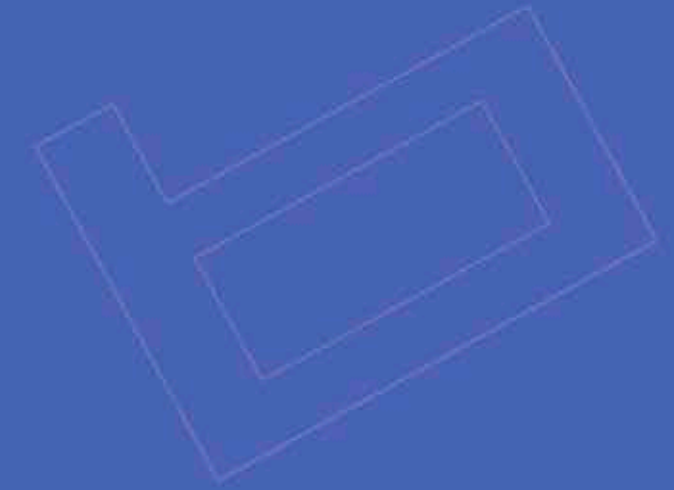
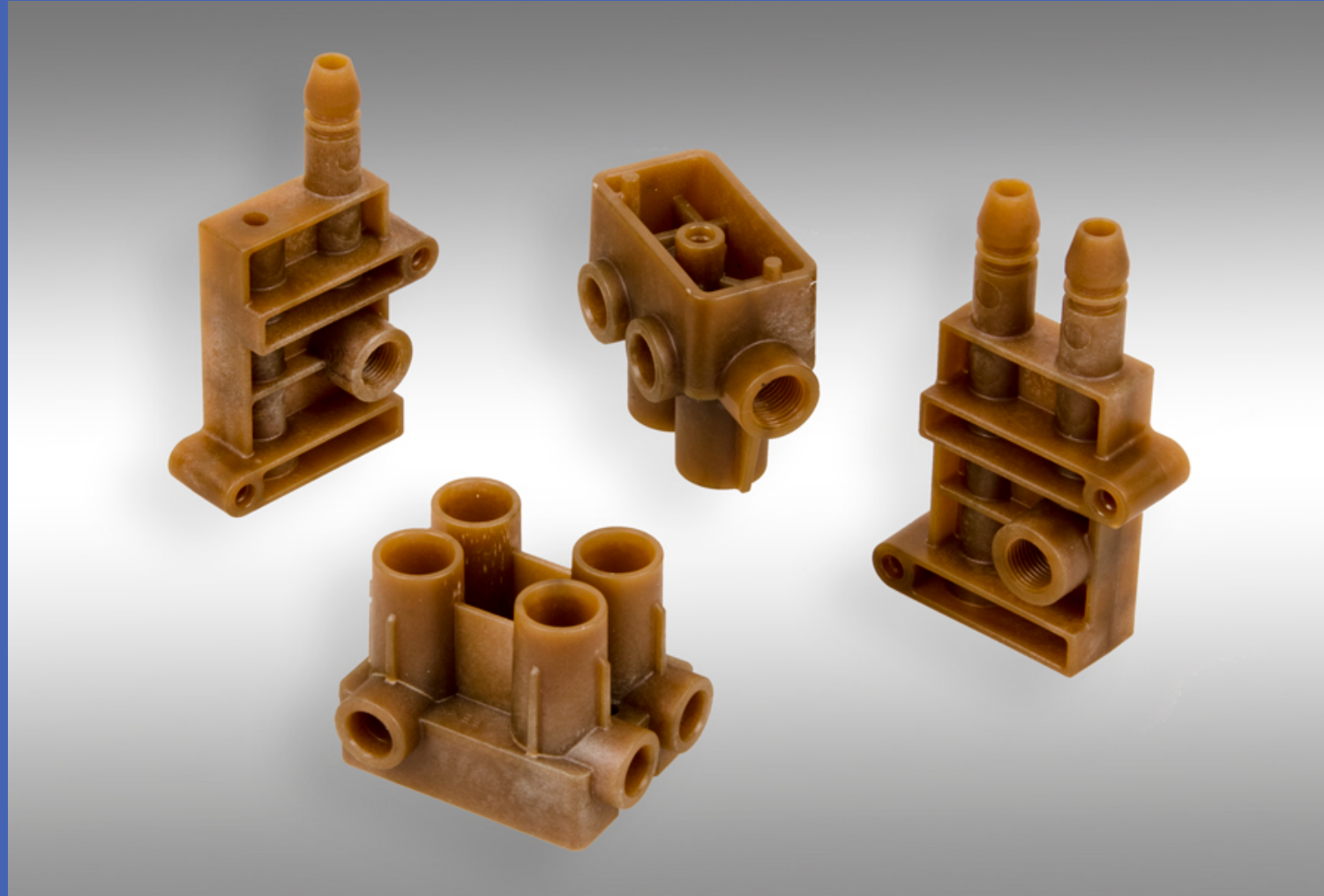
Duroplast solution



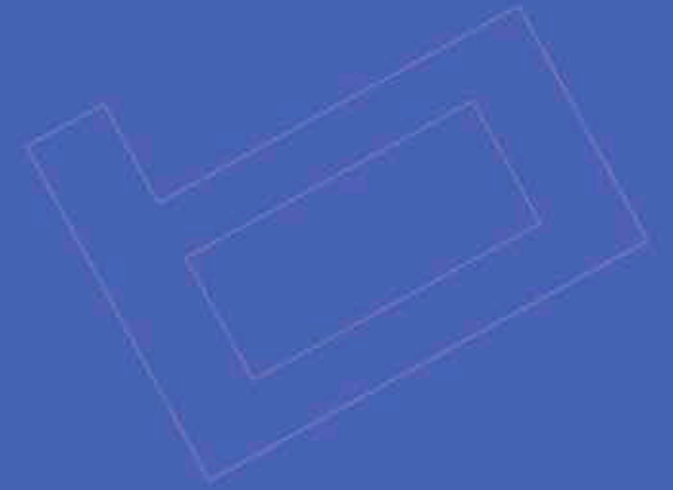
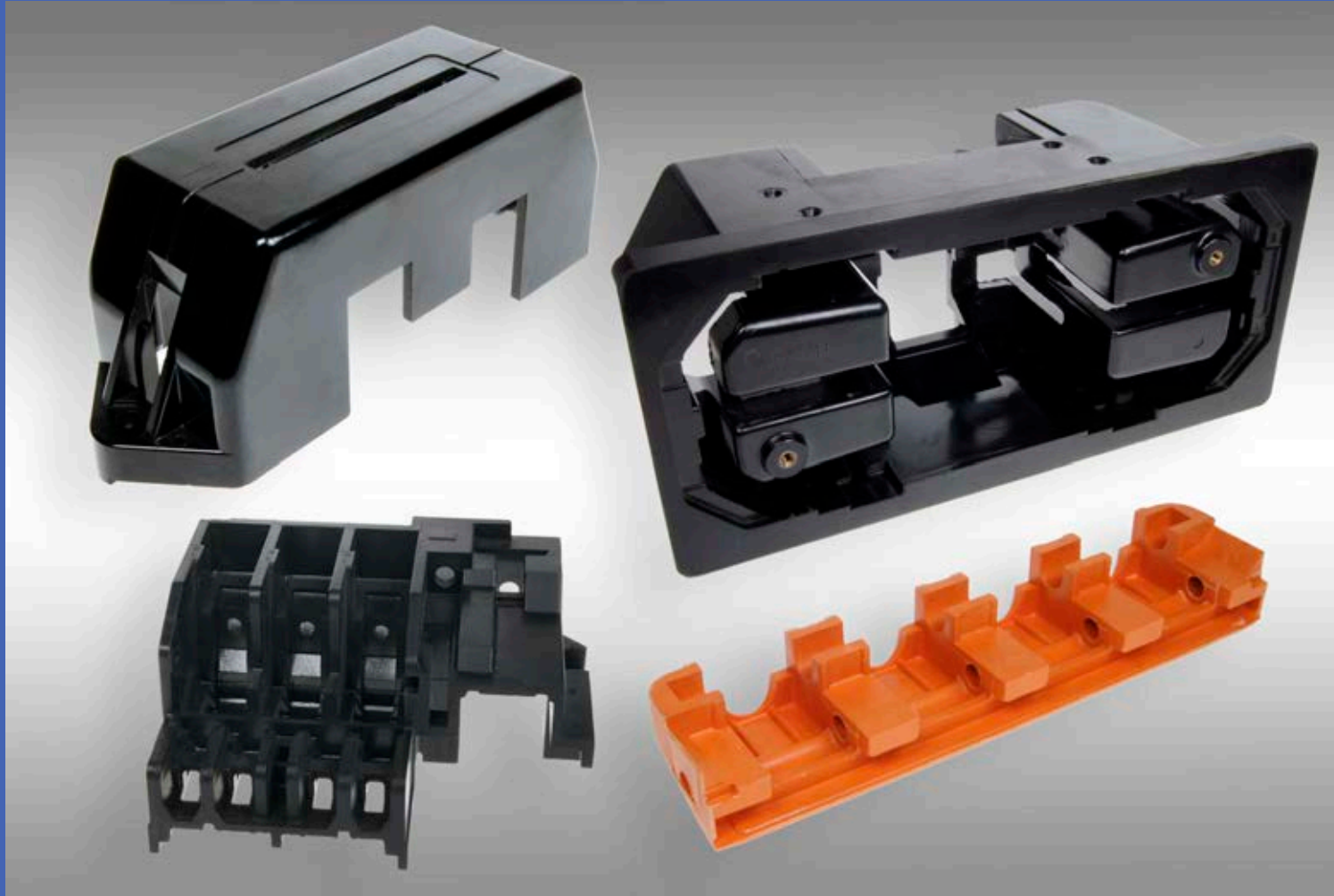
Duroplast extreme heat resistant



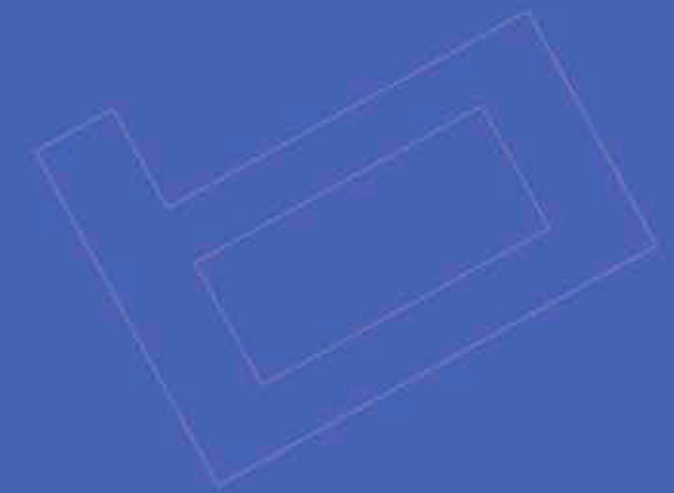
PEI and PEEK parts



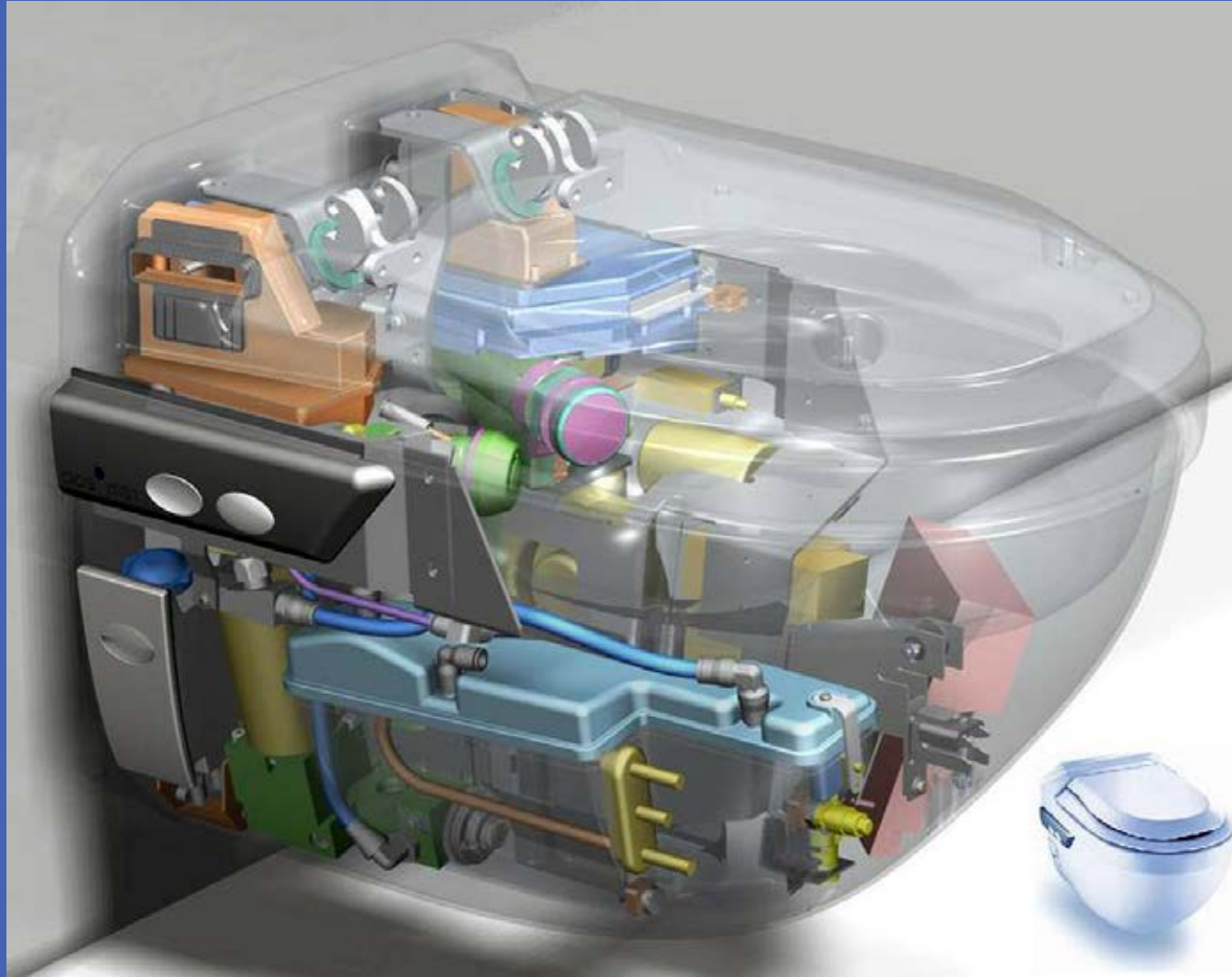
Electronic parts and components



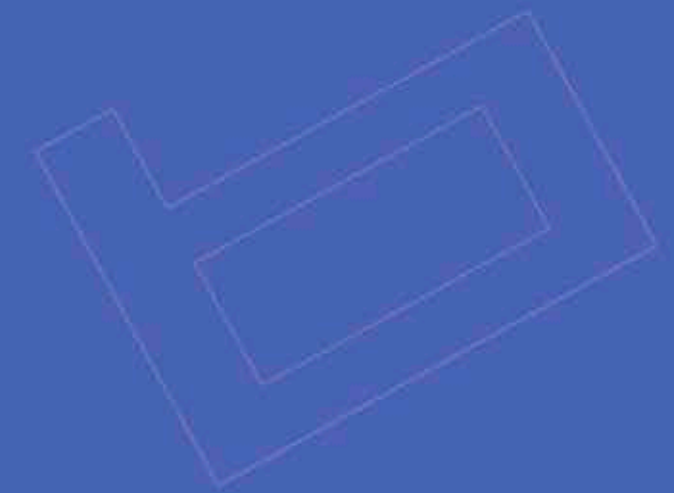
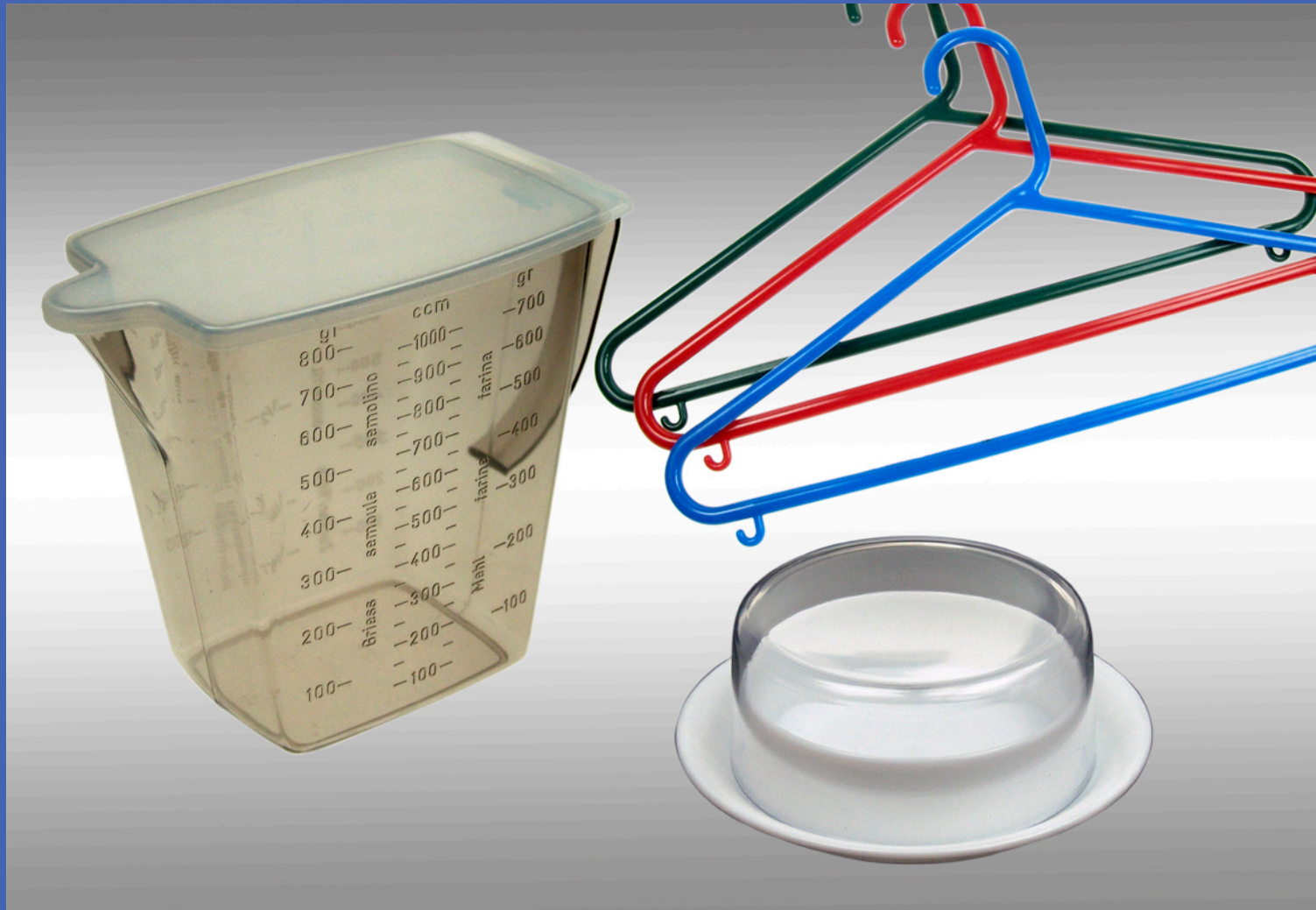
Packaging and decorative parts



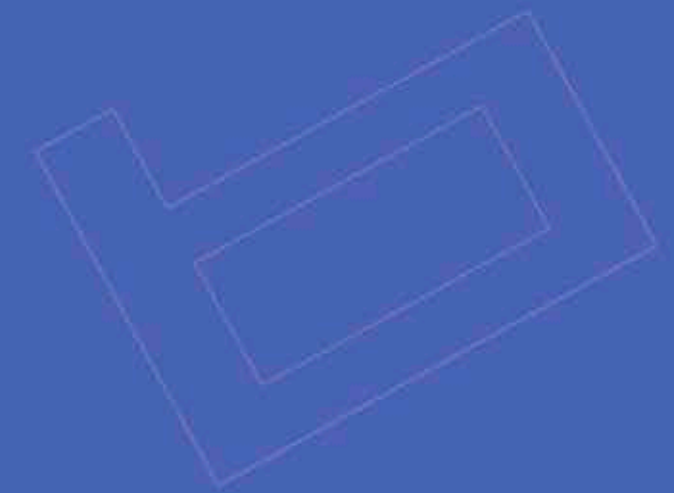
Sanitary equipment parts



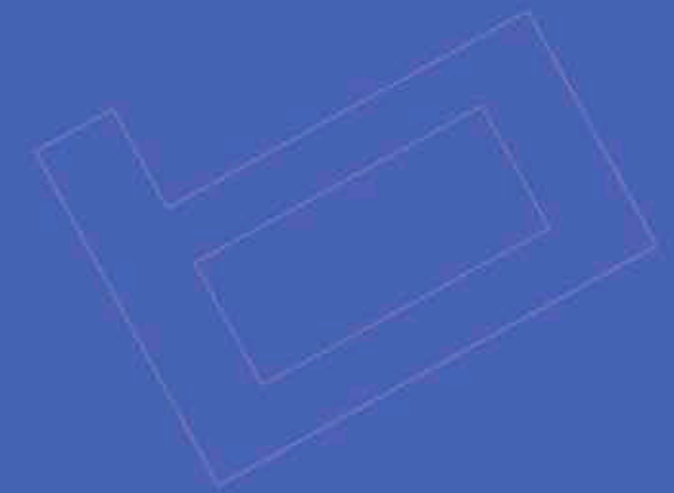
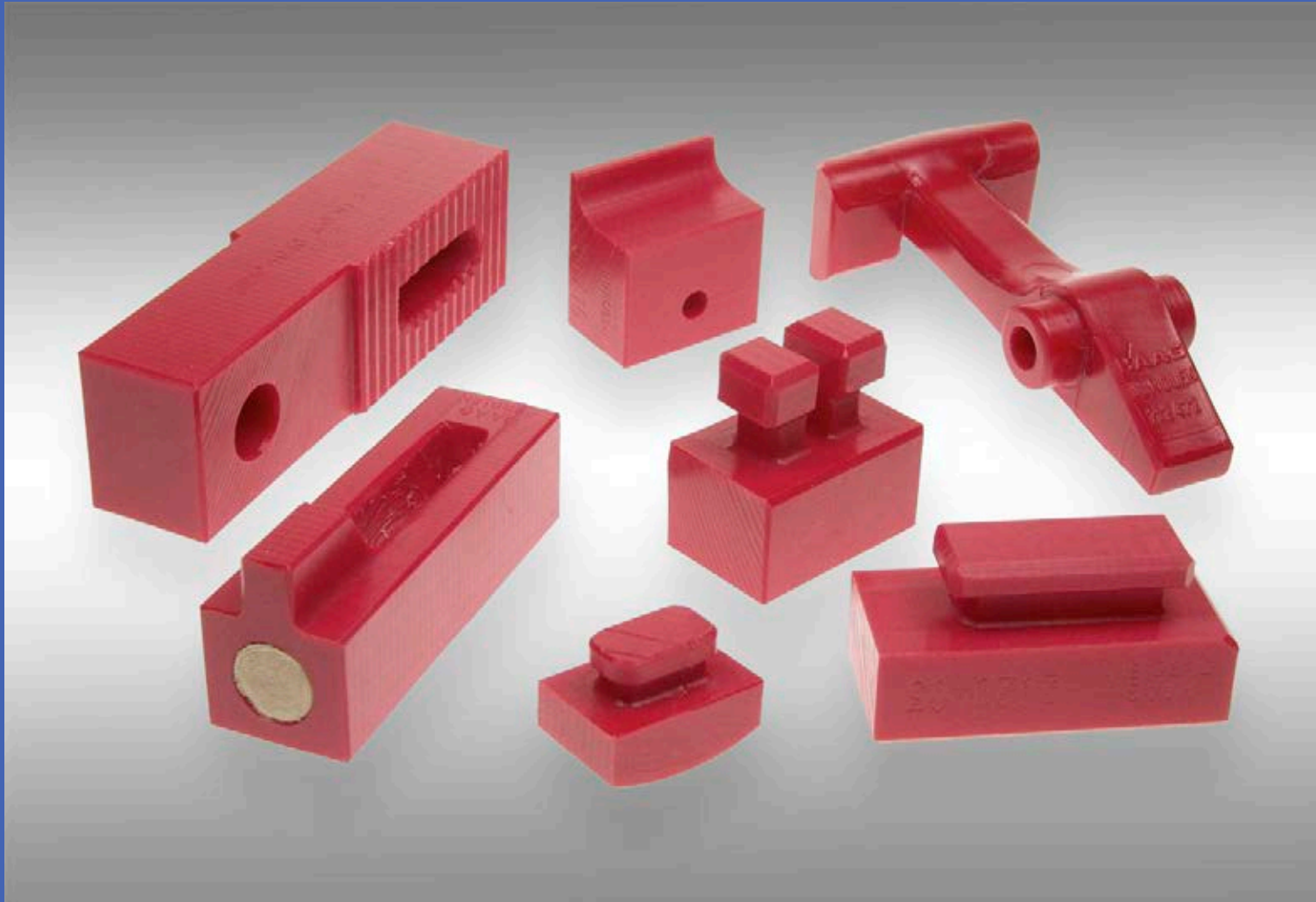
Household articles



Building equipment

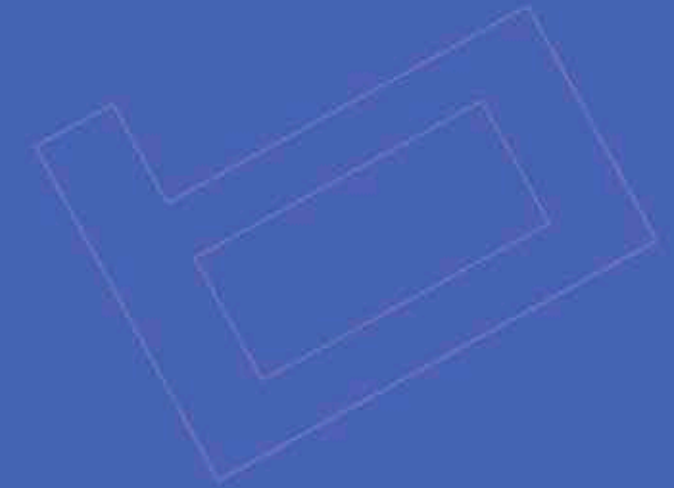


Mechanical processed parts

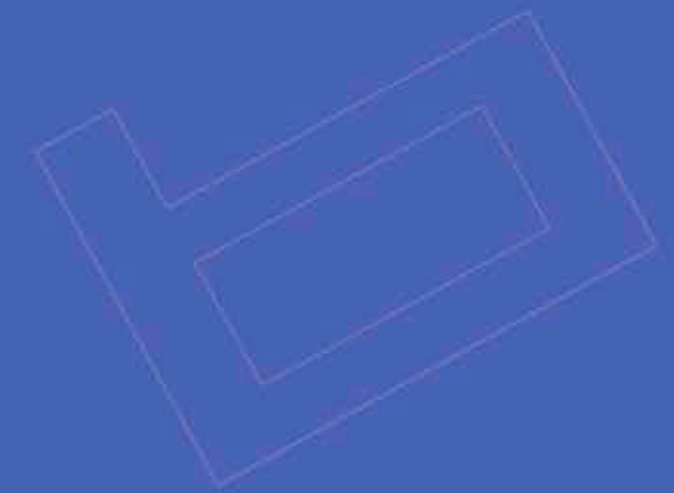


Machinery in operation

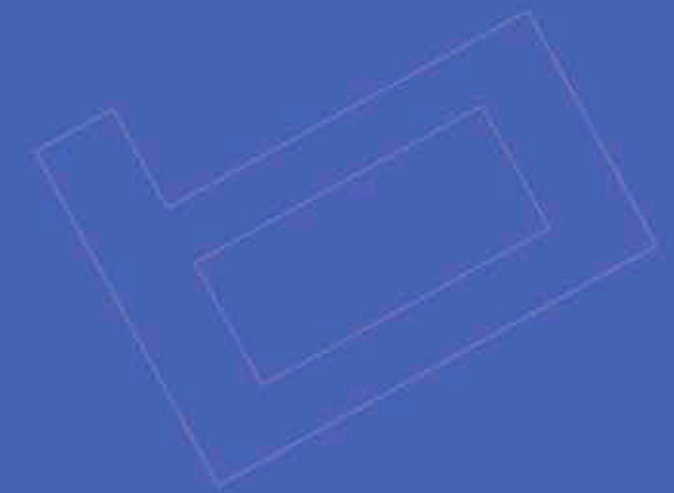
- 45 injection molding machines (350 KN to 6000 KN)
 - 37 1K-machines
 - 7 2K-machines (1100 KN to 3200 KN)
 - 1 3K-machines (3200 KN)
- 5 press molding machines duroplastics (500 KN bis 4000 KN)
- 3 injection molding machines (500 kN)
- 1 strap band blast machine
- 4 ultra sonic welding equipment
- 2 hot stamping rotary table equipment
- 3 CNC rotary table mechanical processing facilities
- 2 conditioning facilities (12 and 48 hours)
- Fully equiped toolshop for service, maintenance, repair and spare parts.



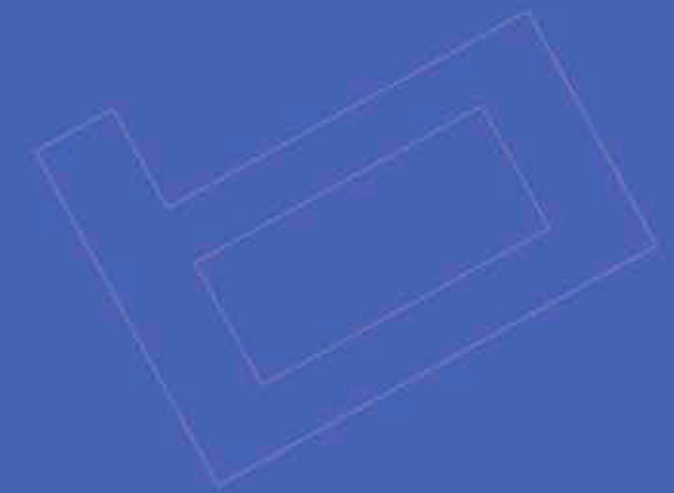
Design and Development



2K and 3K



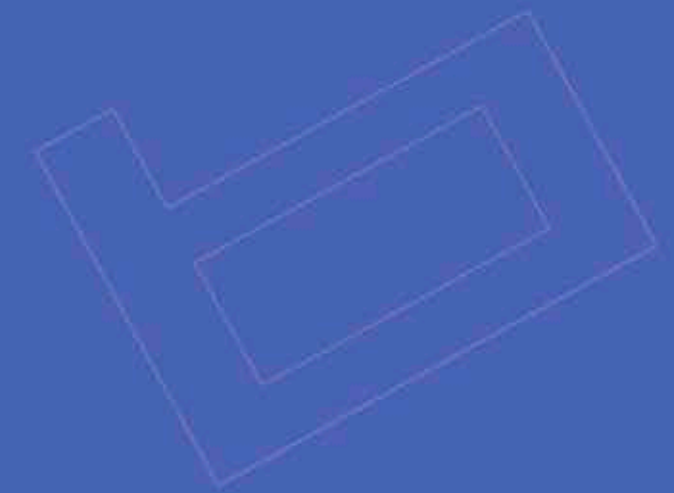
Modern machinery



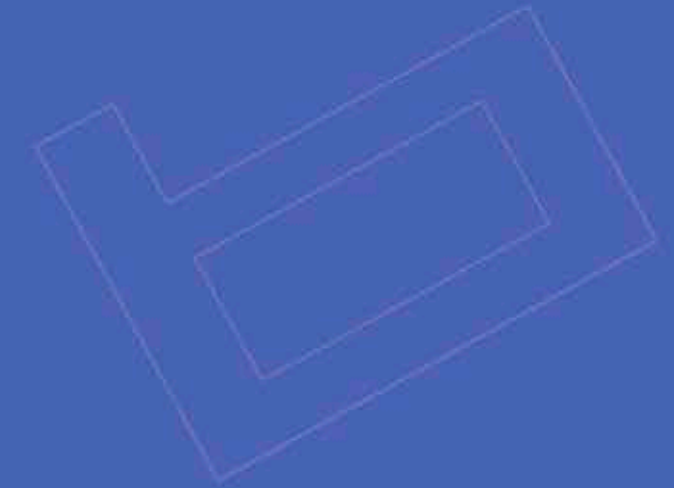
Tool making



Tool maintenance



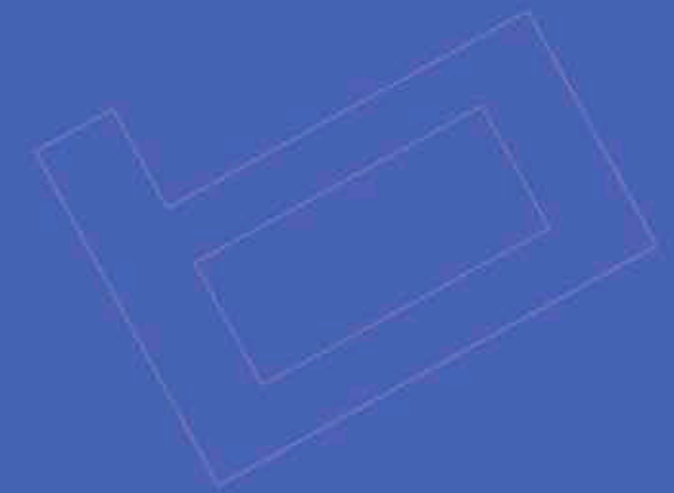
Automatic roboter handling



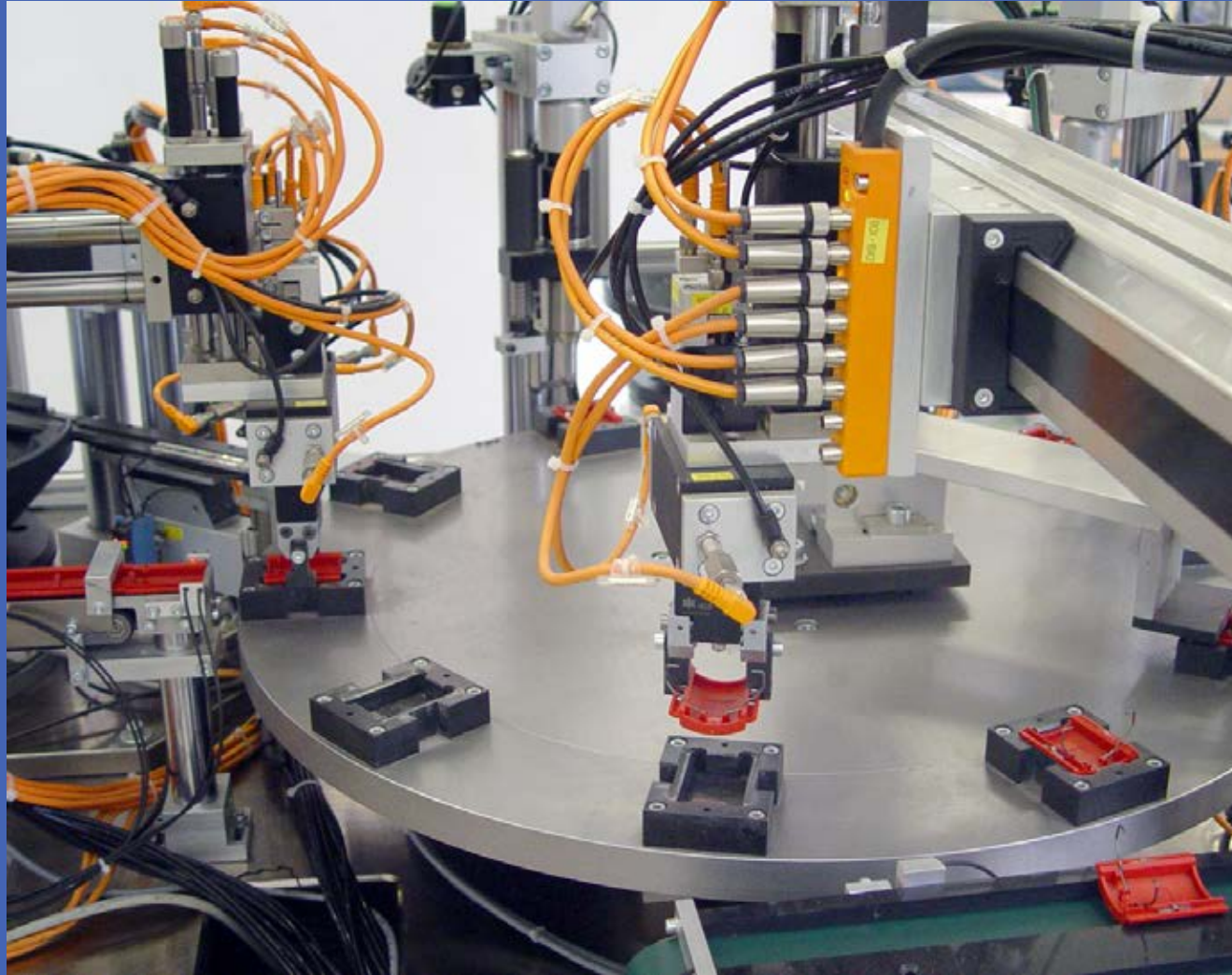
Butt welding



Hot stamping equipment



Automatical pre or finish assembly stations



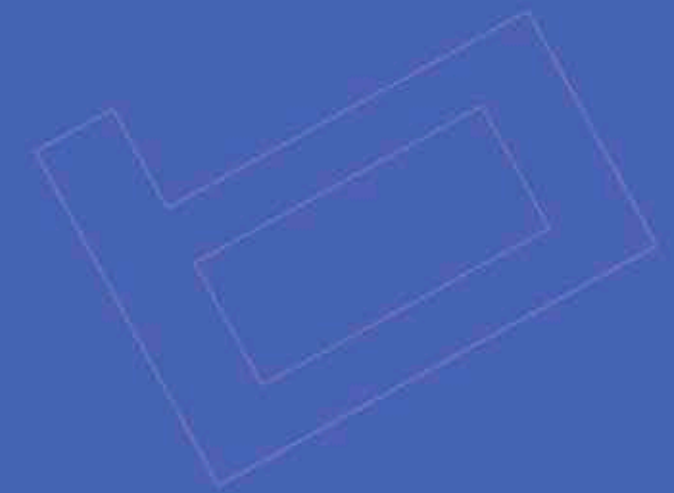
Quality control



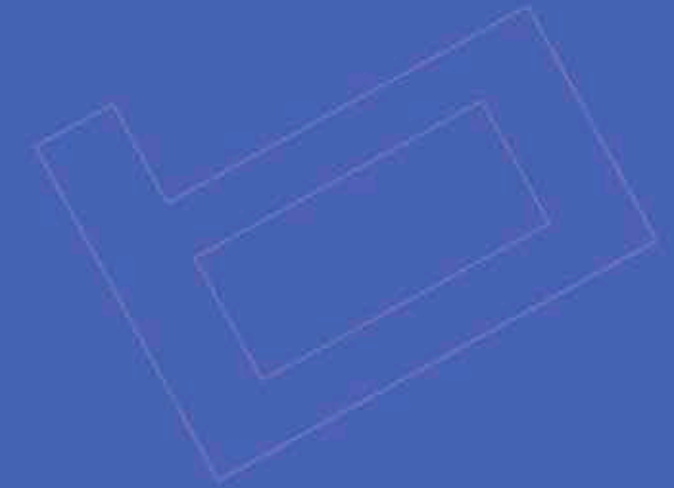
3D measuring machine



Worker self inspection



Ultrasonic welding



Conditioning facilities



Large warehouse for finished parts



Rohmateriallager

brac

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**Many thanks for your
attention**

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