



MACHINING CAPABILITIES

Our extensive machine fleet allows us to offer you a wide range of machining methods and sizes (details always in L x W x H).

MAXIMUM TOOL SIZE

1,800 x 1,200 mm in X/Y, Weight = approx. 20 t

MAXIMUM PRODUCT SIZE

1,600 x 1,000 mm in X/Y

MAXIMUM MACHINING SIZES

Milling:	1,800 x 1,200 x 1,070 mm
Turning:	Ø380 mm CNC / Ø450 mm manuell
Circular grinding:	working range Ø380 mm / distance between centers 650 – 1,500 mm / center height 200 mm
Surface and Profile grinding:	1,000 x 600 x 425 mm / 500 x 300 x 150 mm
Deep hole drilling:	1,200 x 750 x 990 mm
Wire cutting:	1,250 x 1,020 x 305 mm
Electrode manufacture:	700 x 700 x 400 mm
Eroding:	1,800 x 1,200 x 600 mm
Pilot hole erosion:	950 x 600 x 400 mm
Spot pressing:	1,500 x 1,200 x 1,300 mm
Measuring:	1,200 x 900 x 550 mm
Sampling:	1,700 x 1,500 x 1,480 mm

SYSTEM ENGINEERING / COMPONENT & PRECISION PART PRODUCTION

- Complex 3D and 5-axis milling
- Manufacturing of precision single and series parts, including surface treatment (if required, including assembly, polishing, and measurement report)
- Manufacturing and assembly of components, including surface treatment (if required, including polishing and measurement report)
- Manufacturing of small, medium, and large series
- Spare parts manufacturing
- Design and manufacturing of complete systems and custom solutions



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MOLD CONSTRUCTION

CORE COMPETENCIES

- Decorative back injected parts (textiles / films)
- Speaker grates
- Multi-component parts
- Visible parts (interior / exterior)
- Aluminum die-cast parts

PROJECTS

AUTOMOTIVE INTERIORS

- Speaker grates
- Defrosters
- Decorative panel (e.g. Variotherm)
- Decorative back injection molded parts (e.g. pillar linings)
- Film back injection molded parts (e.g. seat backrest covers)
- Door trim panels
- Steering column cladding
- Door - inner panels
- Light guide

AUTOMOTIVE EXTERIORS

- PMMA column linings (up to 3K)
- Chrome parts (Spoilers, Sill plates, Front grills)
- Wheelhouse trims (painted / grained)
- Door panels (painted / grained)

AUTOMOTIVE ENGINE COMPARTMENT

- Engine covers

SPECIAL MOLDS

- Planetary carriers
- Valve plates / housings
- Throttle housings
- Overmoulding molds
- Sinter molds
- Vulcanizing tools
- Conversion technology

INJECTION MOLD TECHNOLOGIES

- Decorative back injection incl. trimming in the tool
- Injection compressing molding
- Multi-components
- Stack molds
- Index plates
- Rotary plate
- Indexable insertsa
- Internal gas pressure
- Variotherm (water / steam)

