

FACT SHEET

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

1,400 x 1,000 mm in X/Y

MAXIMUM MACHINING SIZES

Milling:	1,800 x 1,200 x 1,070 mm
Turning (diameter):	3780 mm CNC / 450 mm manuell
Circular grinding:	400 x 600 mm
Surface grinding:	1,000 x 500 x 400 mm
Profile grinding:	500 x 300 x 150 mm
Deep hole drilling:	1,200 x 750 x 990 mm
Wire cutting:	1,000 x 600 x 400 mm
Electrode manufacture:	700 x 700 x 400 mm
Eroding:	1,200 x 800 x 450 mm
Pilot hole erosion:	1,000 x 600 x 500 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
- Production of molds (including installation, polishing and test measurement protocol)
- Production and installation of assemblies
- Low volume production
- Production of individual and series production precision parts incl. surface treatment
- Spare parts production
- Conception and production of complete systems and custom solutions



Rathgeber GmbH

Mold Construction & System Engineering /
Automation Technology

Trientlgasse 45 · 6020 Innsbruck / Austria

t +43 (0) 512 33 453 - 0 · f +43 (0) 512 33 453 - 20

info@rathgeber.at · www.rathgeber.at

MOLD CONSTRUCTION

CORE COMPETENCIES

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

MOLD TECHNOLOGIES

- Decorative back injection incl. trimming in the tool
- Injection compressing molding
- Multi-components
- Stack molds
- Index plates
- Rotary plate
- Indexable inserts
- Internal gas pressure
- Variotherm

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

AUTOMOTIVE EXTERIORS

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

AUTOMOTIVE ENGINE COMPARTMENT

- Engine covers

DIE CASTING

- Planetary carriers
- Valve plates / housings
- Throttle housings

