



MACHINERY AND PLANT ENGINEERING

MECHANICAL PARTS PRODUCTION

The competence of our company is essentially based on the following components:

- Many years of experience and know-how
- Innovative product development
- Highly qualified staff
- Powerful machinery

Decades of experience in specialised engineering, combined with the expertise of our employees makes it possible for us to offer solutions that best meet the needs of our customers.



PRODUCTION OF PARTS

We produce parts according to your drawing specifications

We produce individual or serial parts, as well as complete machine components according to your drawings, samples or your specifications.

Our many years of experience in the field of chip-removing manufacturing guarantees you the best and most cost-effective solution for your turned, milled, drilled and welded parts. We have tried and tested partners at our disposal for gear-cutting, grinding, heat- and surface-treatment.

In order to give a rough summary of our manufacturing facilities we have listed our most important machines in the following machine list.



Machine List

CNC – Machining centre HURCO VMX-42 with
ULTIMAX 4 – twin screen CNC control
Table size: 1270 mm x 610 mm
Travel distance:
Longitudinal: 1060 mm
Across: 610 mm
Vertical: 610 mm
Automatic tool changer with 24 tool places

CNC – Machining centre HURCO BMC-30-M with
ULTIMAX 4 – twin screen CNC control
Table size: 1020 mm x 400 mm
Travel distance:
Longitudinal: 760 mm
Across: 460 mm
Vertical: 610 mm
Automatic tool changer with 24 tool places

CNC - lathe OKUMA ECO L10
with OKUMA multiprocessor control OSP-UI10L
Rotation range:
Diameter 300 mm
Turning Length: 450 mm
Power chuck: KITAGAWA Ø 250 mm

CNC – lathe WEILER E 50 x 2000 S 3
Rotation range:
Diameter 340 mm (570 mm)
Turning length: 2000 mm
Spindle bore: Ø 83 mm
Cycle-controlled, high performance lathe
with Siemens CNC control S 3

Universal tool milling machine DECKEL FP 4M
Table size: 800 mm x 460 mm
Ranges:
Longitudinal: 500 mm
Across: 400 mm
Vertical: 400 mm
Equipped with HAIDENHAIN active digital position display
and hydro-mechanical tool changer

Lathe DA 210/52 VÖEST
Top height: 210 mm
Top width 1,5 m (with brake motor).
Equipped with RSF digital position indicator

Lathe EMCO Maximum V 13
Top height: 165 mm
Top width: 850 mm (with brake motor).
Equipped with RSF digital position indicator

Automatic metal band saw machine Forte BA 321/SIP
Saw range: 320 mm, square 300 mm
Hydraulic feed-unit SPS controller

Flame-cutting machine ZINSER 120 I
Optical - electronic
Ranges: 1000 mm x 2000 mm
Cutting thickness: up to 100 mm
(planer smooth cuts!)

SPECIALISED ENGINEERING

We offer comprehensive and complete services

Many years of experience and a number of projects carried out guarantee you an optimal solution of your problem.

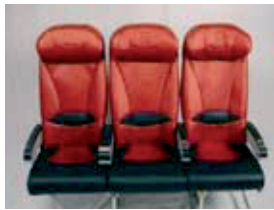
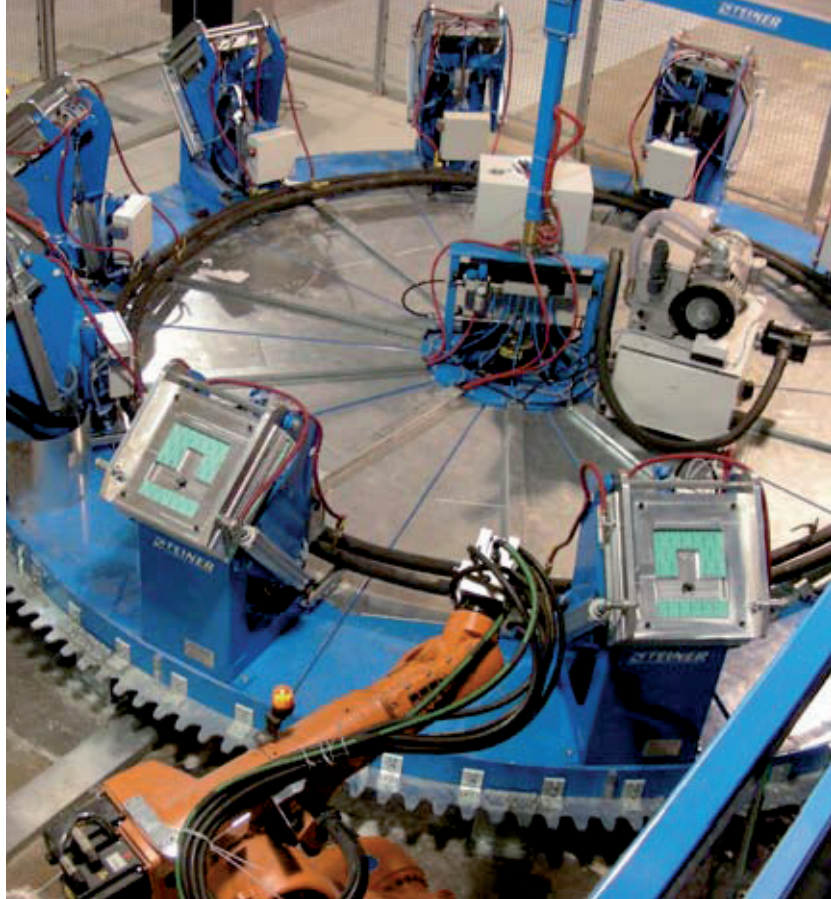
Complete with Know-how:

- Comprehensive advice and project analysis in close cooperation with the customer
- Compiling of an exact specification and definition of the scope of the project
- Individual planning and design of the plant
- Complete construction and detail design engineering (CAD supported in 2D and 3D)
- Production. Installation, as well as commissioning and delivery of the plant

After delivery we are always at the disposal of our customers and offer our support wherever we can.

Fair cooperation is of utmost importance for us!

Most of our clients are regular customers, with whom we have been working successfully for many years.



Excerpt from our reference list:

Project: *Foam plant for aircraft seat cushions*

Delivery: Round table Ø 8 m for storing 16 mold carriers for the intake of the foam tools

Customer: GREINER Purtec GmbH: Schwanenstadt, Austria; Nyrsko, Czech Republic; Fort Worth, TX, USA

Project: *Plant for rear shelf Audi A3*

Delivery: Handling device for paper honeycomb and covering non-woven material

Customer: GREINER Perfoam GmbH: Wangen, Germany

Project: *Platform for engine panels Boeing B787TS*

Delivery: Swivel platform for transport of the service operators to their working positions (used in the clean room)

Customer: FACC AG: Ried / I., Austria

Project: *ROTAX nut changing device*

Delivery: Nut changing box for 6 nut inserts for automatic robot removal

Customer: ROTAX: Gunskirchen, Austria

Project: *Recycling plant for mold compounds*

Delivery: Round table plant for production of molded parts made from recycled foam material

Customer: GREINER Perfoam GmbH: Wangen, Germany



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