

# GROTEFELD

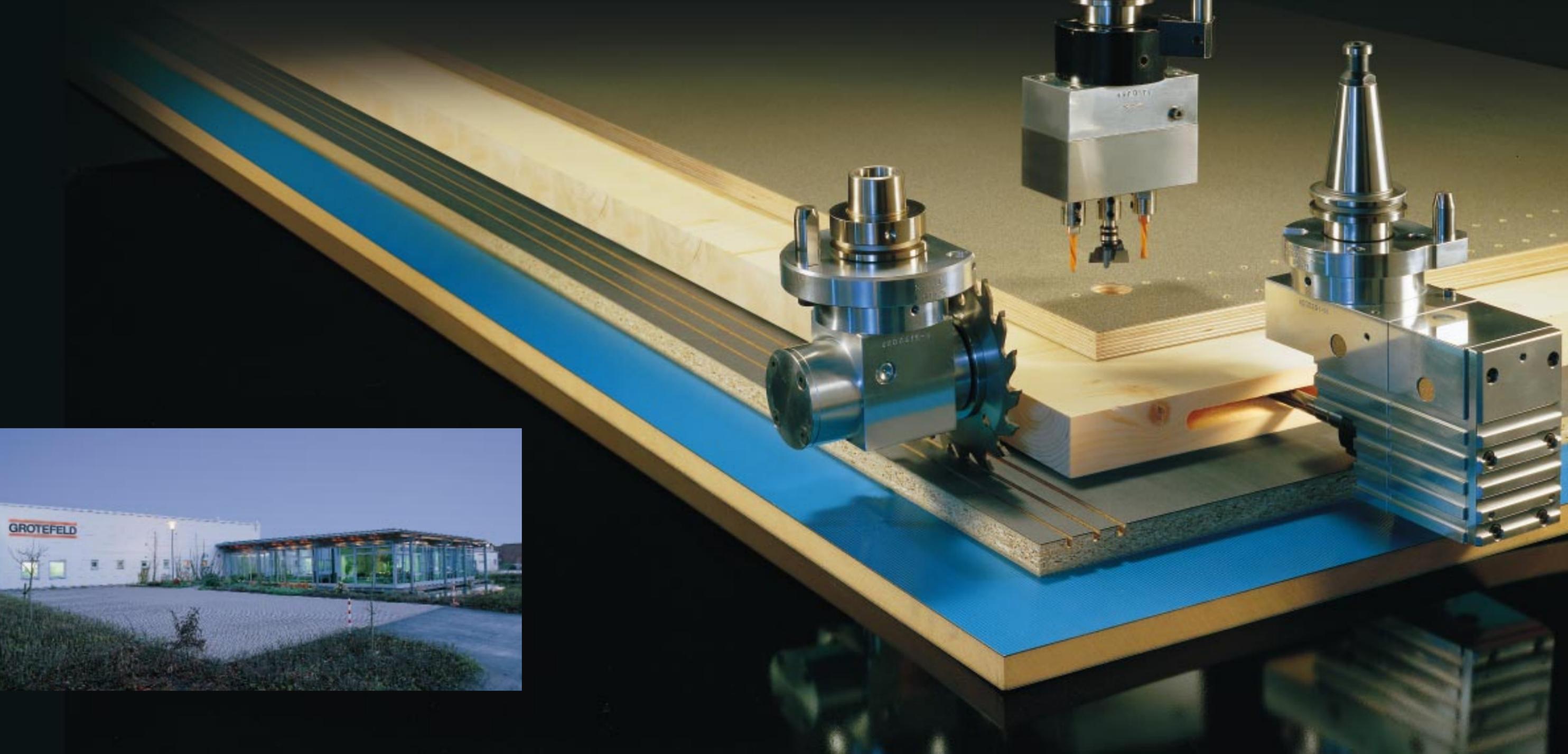
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# GROTEFELD

*The driving force in the wood  
working industry*



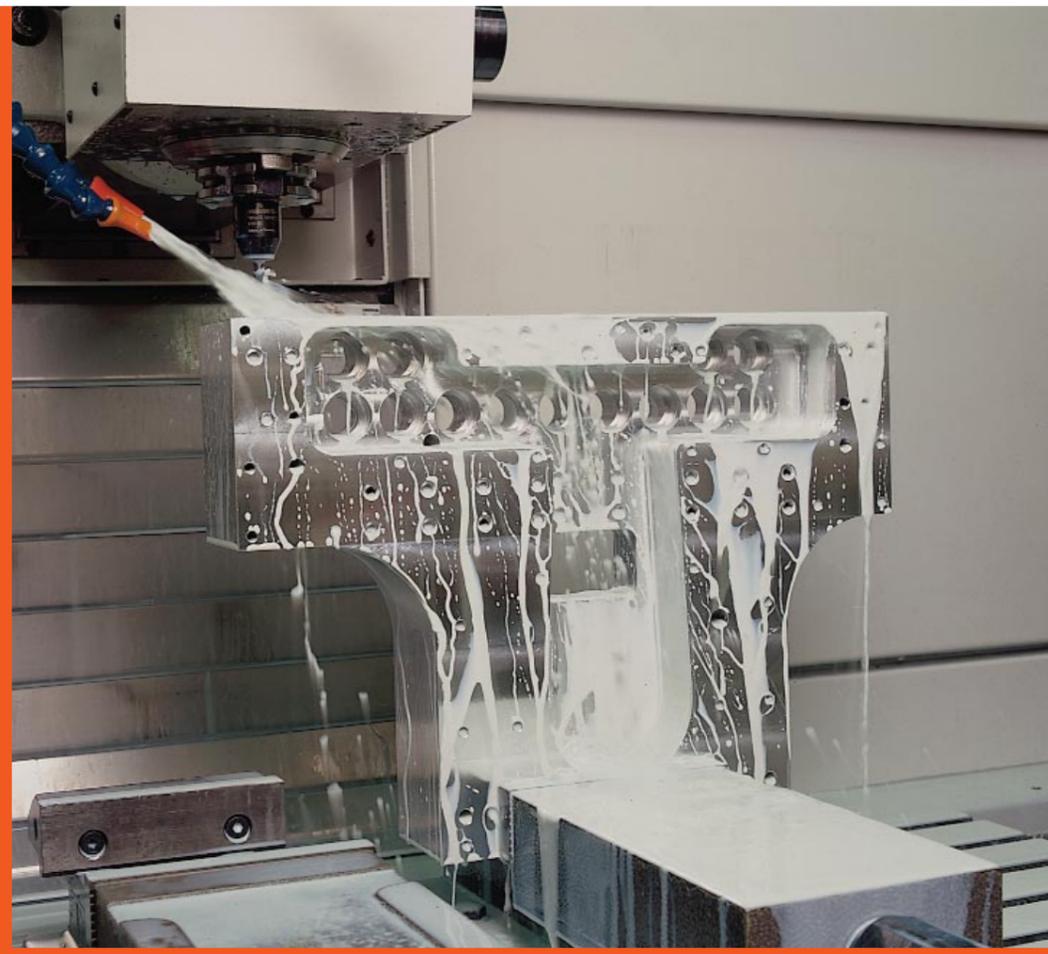
# ...where sawing, boring, cutting or tracing is required –

*we offer competence, know-how, quality and service – all from one source.*

We are producing high quality Cutting units and Aggregates for woodworking, aluminium working and plastic industries for over 30 years.

Originally the company developed and manufactured woodworking machinery, while at the same time concentrating their efforts in developing machining units for other machines, as well as for CNC machining Centers. Thanks to the direct contact with the leading manufacturers of woodworking machinery and woodworking customers, GROTEFELD became a recognized specialist and partner to the woodworking industry. GROTEFELD Aggregates solve a variety of tasks and applications for woodworking, aluminium working and plastic industries due to high precision, uncompromisingly quality, great engineering and durability.

For every application there is the right aggregate. Economically advantageous use is coupled with a fair price.



### Competence

Webster's dictionary defines competence as the ability to discern Right from Wrong. Every one of GROTEFELD employees possesses this quality. A great team of advisors, technicians, engineers and production specialists' warranty that the customer's applications find the very best solution available. GROTEFELD cutting units and aggregates are like Swiss Watches: high precision and longevity working hand in hand.

### Know-how

In order to solve the application demands, it is necessary to know the application process exactly. The knowledge of the woodworking industry and its products, as well as the willingness to implement solutions in cooperation with the leading machinery manufacturers as well as customers, is what motivates GROTEFELD to manufacture only high quality cutting units. GROTEFELD is constantly implementing new manufacturing and engineering methods, thus producing a well-proven and successful product.

### Quality

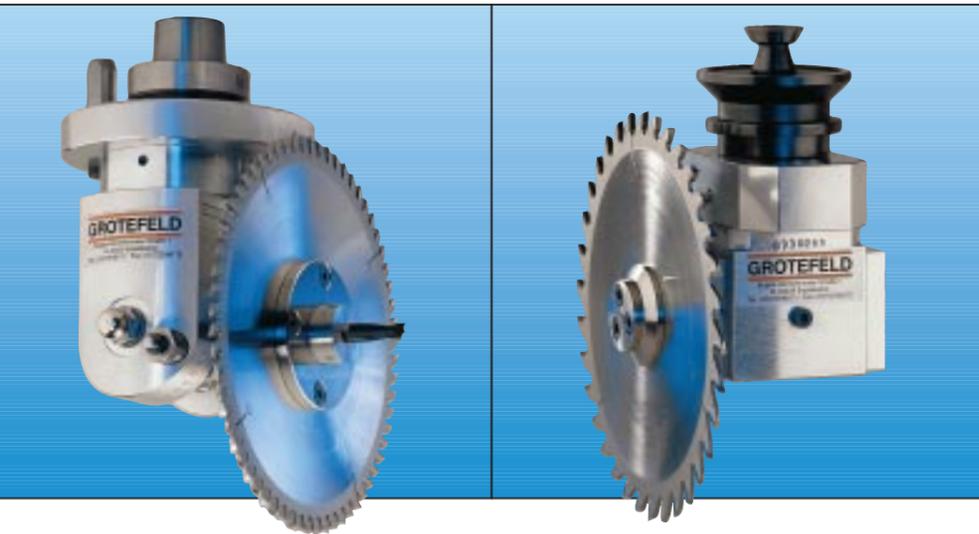
The capability and durability of a product determine its quality. GROTEFELD's commitment to quality is second to none. The quality standards are ensured through construction techniques, as well as modern manufacturing equipment and constant quality controls. The market demands dictate the permanent process of quality, precision and functionality of GROTEFELD products. The in-house quality control and measurement labs document and ensure the constant dimensions and high precision of the product. GROTEFELD aggregates are high quality products "Made in Germany"

### Service

Customer contentment is for GROTEFELD a very important factor. The service and spare parts delivery even after 30 years for all GROTEFELD aggregates is ensured as a matter of pride. All employees warranty the customer satisfaction from the start. To find the right solution to the customer's application is a commitment that GROTEFELD takes very seriously. Service starts with the very first contact with the customer.

# GROTEFELD

# Grooving, sawing and or parting cuts –



Grooving, sizing and trimming for all types of solid wood, MDF, particle and fiber board, plywood, plastics and aluminium.

For vertical and horizontal miter cuts or angular drilling, as well as line boring – Infinitely adjustable angles from 0 – 100°. Quick adjustable with indexed marks.



Drive adapters for conventional sawing application are also available with pneumatic or hydraulic control. Motor power up to 3,0 kW with max. 6000 RPM.

with Grotefeld quality in the smallest detail.



Sizing, grooving and drilling in all possible angles up to 100°.

Drilling or routing, grooving and sizing for all types of solid wood, MDF, particle board, plywood, plastics and aluminium.

**GROTEFELD**

# Dowel holes, hinge holes or line boring –

*with Grotefeld aggregates you are optimizing the output on your machine.*



*Drive adapters for multiple hole drilling patterns are also available with pneumatic or hydraulic control. Motor power up to 3,0 kW with max. 6000 RPM.*

*Hinge boring for window manufacturing. Number of holes and hole pattern per customers specification.*

*Dowel drilling and hinge boring with max. 4 outlets. Number of holes and hole pattern per customer's specification. With collet adapters also suitable for minor routing.*

*Drilling of special bore patterns into the bottom of work pieces – min. distance of hole center to center is 21,5 mm.*



*Line boring at any angle of choice up to 100°. With collet adapters also suitable for minor routing.*



*Drilling with fast and infinite angle adjustment up to 100°. Used in manufacturing of stairs and doors.*



*Complete hole patterns for line boring or hinge boring – min. distance of hole center to center is 16 mm.*



**GROTEFELD**

# Roughing, smoothing, profiling or routing –

# planning

*with Grotefeld aggregates  
you are solving  
your tasks economical,  
universal and manifold.*



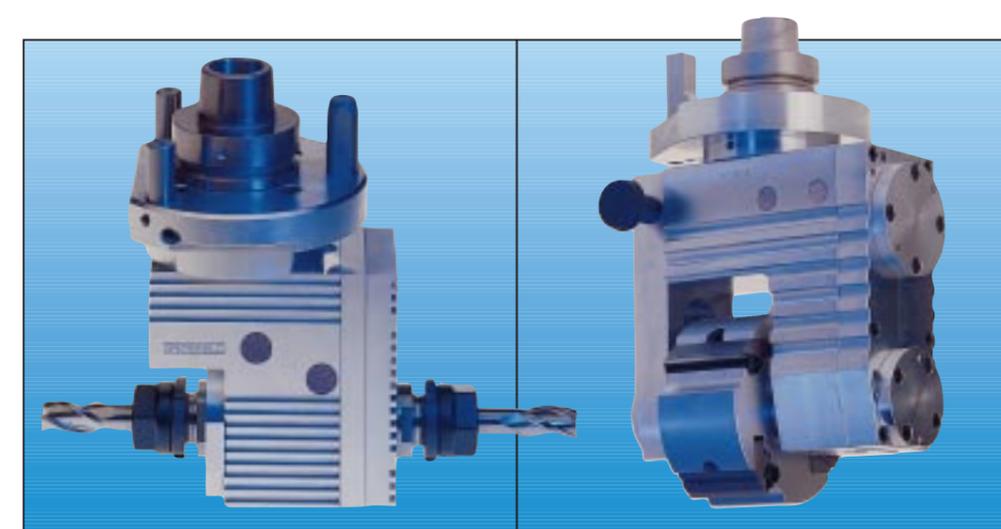
*Profiling and planning application –  
units available with collet adapters,  
alternate with driving shaft for  
drilling tools.*

*Mortising and  
tenoning in  
manufacturing of  
doors and windows.*

*Multilateral and universal  
routing with max. 4 outlets.*

*Routing and sawing units for profiling  
and sizing also available with  
pneumatic or hydraulic control.  
Motor power up to 3,0 kW with  
max. 18000 RPM.*

**GROTEFELD**



*High speed cutting e.g. for Mini Finger  
Joining with max. 24000 RPM.*

*Planning, profiling and routing from  
top or side of the work-piece as well as  
following a pattern.*

# Tracing aggregates from Grotefeld    Clamping systems and interfaces

*give your product the right shape.*

*Grotefeld offers all types of adapters available today.*

*Tracing and cutting of precise profiles referenced on the surface of work-piece.*



*2D-Tracing of shapes while edge trimming, e.g. copy shaping for soft forming profiles.*



*Tracing of grooves and profiling on the edge of the work piece.*



*Floating and Tracing aggregates for tolerance compensation on all sides of the work-piece (from top, from bottom and from the side).*



*Pictures of various adapter systems.*

