High Performance at the Workpiece.
Our company history from its birth to date is a signpost for a strong future. Founded in 1948 as a visionary one-man business, today GEORG is a successful family-owned company and a global player. We link the experiences of several generations to meet the technical challenges and to create new market impulses.

What we have in common is our belief in entrepreneurial sustainability. Our employees with their passion for technology, as well as our common responsibility for what shall be preserved, are always in the focus of all our actions.

This attitude finds its expression also in the faithful, cooperative relationship with our customers and suppliers who are an essential part of our culture. For them we use our specific knowledge and skills in order to develop progressive solutions, thus producing superior technical results. That is the GEORG Way.
Proven in industry plants all over the world, GEORG machine tools are known for their reliability, accuracy, and productivity. We develop machines fitting to the individual customer’s needs. With smart solutions, we make their work processes simpler, safer, and more successful.

The special challenges of our customers are the driving force behind our passion for technical progress and economic success. Experience, creativity, and superior know-how guarantee our customers groundbreaking complete solutions for optimum production results.
Big, as well as medium and small size companies need a reliable partner, who supports them during the complete life-time-cycle of their machine. Many of these companies – family-owned, such as the GEORG company – operate our machines for more than 30 years.

Steel – future market with tradition. We come across steel almost everywhere in everyday life. More than 60 years of experience in this traditional market drive the development of GEORG machine tools, thus not only securing our customers’ market position, but also enabling them to extend their lead in the market.

Aluminum – market with great potential. Aluminum has established itself as the second most important material at the top of the world market for metallic materials. For many years, our specific machine tools have been successfully used by renowned aluminum customers.

Energy – market with power. All over the world our machines are being used to secure the increasing demand for energy. Our lathes are pushing the production of turbines and generators. GEORG multi spindle drilling machines are used for manufacturing steam generators and heat exchangers.

Transport – market with motion. A continuously increasing demand for transportation in a more and more mobile world requires innovative solutions. In the transport market, we set the switches for future transportation challenges in a suitable way.

World-wide availability: on site with GEORG specialists from our national and international subsidiaries and agencies, by remote-access or via our service-hotline.

Facing the future with our independent research & development department: for superior solutions for your benefit.

GEORG machine tools for the wide range of industrial applications meet highest standards from the mechanical to the electrical systems for decades.

Modernization of your existing machines by updating.

Training to learn all about your GEORG machine in our customer centre.

GEORG components or control systems.

Passion for Technology
Companies need innovations. They are the power for technical progress. GEORG has a passion for technology which is combined with experience, knowledge and creativity. Based on these principles, GEORG does state-of-the-art research and development. We always listen to the customer, develop and place extraordinary products on the market. Only the one who is in contact with customers and suppliers can optimize and improve its own processes, create value and design more efficient machine concepts. This leads to technical solutions which bring our customers forward and put them in the position to be technically and economically superior.

Create Added Value

GEORG machine tools are an answer for high productivity and efficiency of the production process:

› Superior production speeds
› Short set-up times
› High degree of automation
› First quality machine components
› High machine availability
› Long lifetime
› Low maintenance costs
› Low energy costs

Get Smart Benefits
Product Range

GEORG ultra\textbf{turn}  
High performance lathes and machining centers

GEORG ultra\textbf{grind}  
Roll grinding machines

GEORG ultra\textbf{mill}  
Multi-spindle drilling machines

GEORG ultra\textbf{mill}  
Portal type and horizontal milling machines

Individual Solutions  
Special machine tools
GEORG ultraturn
High performance lathes and machining centers

Benefits
› Flexible designs: as classic lathe or machining center in stationary or mobile design
› Wide application range: for new and re-machining
› Stable design

› High-efficiency in complete machining incl. turning, drilling, milling, grinding and measuring on one machine
› Long term geometric accuracy
› High availability

Quick Facts
Workpiece weight
10 – 350 t

Center width
max. 25,000 mm

Turning diameter
max. 7,000 mm

Integrated measuring systems
GEORG ultragind
Roll grinding machines

Benefits

- Wide application range for grinding of work, back-up and Sendzimir rolls, with or without chocks
- High precision and grinding power
- Key equipment in roll shops for steel, aluminum sheet and foil and other non-ferrous metals
- Designed for use of CBN abrasives
- Shorter processing times and higher quality by fully-integrated measuring system
- Increased durability and high handling safety during set-up process by moveable headstock with stationary main axis
- Optimal workpiece support during the grinding process under high grinding forces with high accuracy due to rigid machine bed

Quick Facts

- Workpiece weight: max. 300 t
- Roll diameter: max. 2,500 mm
- Roll length: max. 15,000 mm
Benefits
› Minimal processing times due to max. 12 carriages
› Highest dynamic by backlash-free rack-and-pinion drive in master/slave design for x- and y-axis
› Optimized utilization of every carriage due to GEORG DXF to CNC software
› Minimal non-productive time due to automatic tool change
› Perfect completion of customers’ requirements thanks to consequent onward developments

Quick Facts
- Table width max. 10,000 mm
- Table length max. 12,000 mm
- Number of carriages up to 12
GEORG ultramill
Portal type and horizontal milling machines

Benefits
- Flexible machine concepts: designed as Gantry or table machine in single or double carriage version as well as horizontal type milling machine with moveable column
- Highest precision and long term accuracy of the GEORG milling machines by hydrostatic or alternatively high precision linear guides
- Highest precision by backlash-free rack and pinion drive in master/slave design
- Optimal usage of workshop by automatic tool changer
- Available with wide range of special equipment

Quick Facts
- Table width max. 8,000 mm
- Table length max. 32,000 mm
- Drive power max. 200 kW
Individual Solutions
Special machine tools

Benefits
Special machine tools will be developed according to your requests and customized to your application.

- Our research and development department work together with you to create an optimized solution for your production requirement.
- GEORG creates tailor made solutions according to customers special demands.
GEORG protectionworld
Life Cycle Quality Management

The GEORG protectionworld Life Cycle Quality Management offers our customers an all-round package for the entire life cycle of their machine. Our services range from planning and consulting to production, monitoring, strategic maintenance, troubleshooting and comprehensive training concepts.

The GEORG protectionworld Life Cycle Quality Management helps to lower the operational costs of the machines significantly and to raise the profit of our customers.

Continuous availability and competent support offered within the GEORG protectionworld.

Any support that guarantees the performance, strength and effectivity of the machine. This includes quick reaction and support in case of damage.

Product and financing solutions from one source.

All further educational offers around the GEORG product line and technological advice on the current state of possibilities.

A ‘peace of mind package’ that includes the various service packages and assures customers’ protection, safety and quality.

Improving and modernizing the efficiency and lifetime of the machine, this is forward thinking and the step into the future.

The GEORG protectionworld Life Cycle Quality Management offers our customers an all-round package for the entire life cycle of their machine.
With GEORG upgrade, our customers are always on the safe side. Our strategic services not only ensure a safe and smooth production process, but also ensure the future viability and economic efficiency of the existing machinery.

Thus GEORG upgrade means efficiency and longevity, improvement, modernization, planning the view and the step into the future.

Examples of our strategic services:
- Preventive maintenance
- Modernization
- Modernization of other makers’ products
- Condition monitoring
What are your challenges?

Get in touch.
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