

# UNIMAT

Plane and profile with the Unimat  
– 100% quality at a great price



# Profitable solid wood processing with the WEINIG Unimat series

- Mouldings
- Kitchen cabinets
- Window and door manufacturers
- Stair makers
- Log home manufacturers
- Flooring
- Millwork
- Entry doors
- Passage doors
- Office furniture
- Movie sets
- Toy manufacturers
- Coffin manufacturers



As specialists with decades of experience, we offer a broad product line that is tailored to your individual requirements; including personal consultation. Our approach includes a standing dialog with our customers from industry and the trades which helps us continue to optimize our services.



... for planing



... for pro

In the founding year of 1905, WEINIG was only a family name. The invention of the moulder with a continuous feed system made WEINIG synonymous with an entire class of machines world-wide.

## WEINIG – Your partner and problem solver for more than 100 years

For decades, WEINIG has been the uncontested leader in the international market of solid wood processing. Far more than 80,000 moulders made by WEINIG are being used in more than 120 countries.

At three production facilities in Tauberbischofsheim-Germany, Yantai-China and Halmstad-Sweden, we manufacture products that satisfy professional demands using cutting-edge technology to manufacture superior quality machinery.

Our name stands for absolute precision, simple to operate and a return on investment that remains untouched. Price and performance relationship which is unachievable by others.



... for profiling



... for small dimensions



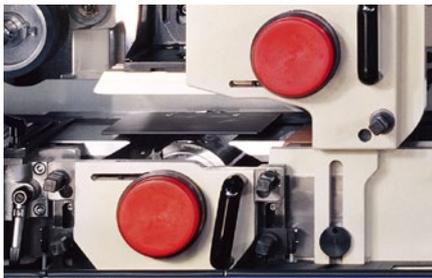
... for large dimensions



... for cutting

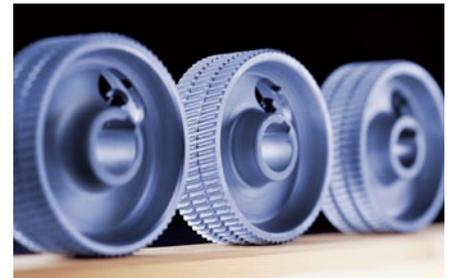
# The future is born out of the past

WEINIG stands for know-how acquired over several generations and is deeply rooted in the industry. WEINIG engineering reflects its passion for the product, inventiveness, and a tireless drive for continuous development. The result: Today, more than 2,000 moulders leave our factories every year. Our customers know that buying a WEINIG machine means that their company will be that much more secure in the future.



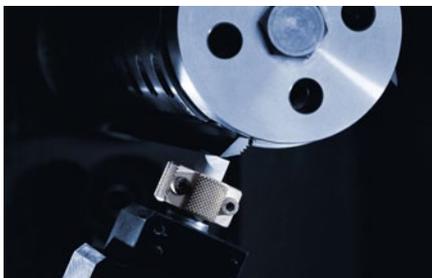
**1978 – Outboard bearing**  
Superior surface quality for widths up to 310 mm

**1995 – Durofer pointed tooth rollers**  
Minimum wood penetration with optimum feeding force



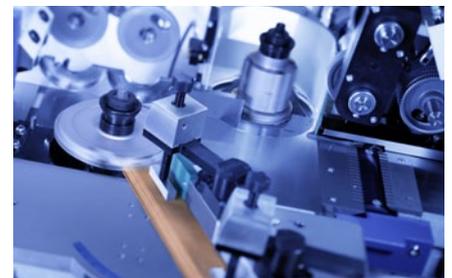
**1979 – Hydro tools**  
High-speed planing and profiling with excellent surface quality

**2001 – Memory-System**  
Compact, easy-to-use control panel - "as simple as making a phone call"



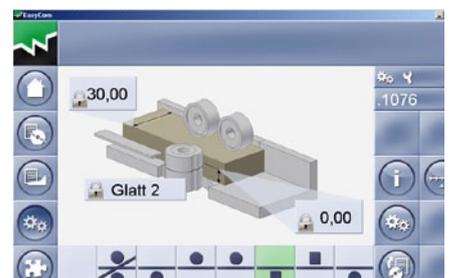
**1982 – Jointing technology**  
Perfect concentricity for high-speed planing

**2007 – Variomat**  
For the first time ever, lineal and end profiling in one machine



**1987 – ATS-Tech**  
The first moulder control unit with a memory function

**2008 – EasyCom**  
The first work-piece-oriented control unit for the moulder



# You can expect big things from us: WEINIG — Your partner for the future



## 100% quality

WEINIG's commitment to the quality of its products is uncompromisingly high. Each machine that leaves our plant is thoroughly checked by a certified quality team. Whether in Germany, China or Sweden, our strong quality requirements are in force throughout the world.



## Deep level of involvement in production

The high level of manufacturing capability is the key to the superior quality that has characterized our products for more than 100 years. Dedicated employees take extreme care in every step of production in our plants. High quality standards are ensured by new production technology and a continuous improvement process in all areas.



## Service

With branches in all four corners of the world and an extensive mobile team of service technicians, we guarantee a unique level of service across the globe. The fastest spare parts delivery service to any location and qualified people who speak your language are all part of our traditional customer focus.



## Continuous optimization

The WEINIG production organization is consistently and successfully oriented around the Kaizen methods. A continuous improvement process ensures that quality and efficiency are optimized step by step.



## Promotion of young talent

People who train at WEINIG may be responsible for your machine in the future. We pay attention to quality from the very beginning. Training and continuing education have maximum priority.

## WEINIG facts

Founded: 1905  
Production area: 80,000 m<sup>2</sup>  
Number of employees: Approx. 1,800  
Produced moulders: more than 80,000  
Trainees: 10%.

Production facilities:  
Tauberbischofsheim, Germany  
Halmstad, Sweden  
Yantai, China  
Illertissen, Germany  
Freiburg, Germany  
Alfeld, Germany

# WEINIG presents: The universal moulder

With WEINIG's Unimat series, you not only get the latest technology, but a simple to operate and highly productive moulder with a great return on investment. The Unimat series means quality where it counts. Whatever you manufacture, quality is required in every case, and the cost has to be reasonable. The Unimat series meets all of these requirements. From the Unimat 217 starter model to the powerful Unimat 818. The right machine is available for every application.





The equipment for your individual production requirements is centered around the machine: tooling, measuring systems, set-up tools, knife grinders and material handling. Everything from a single source. Everything from WEINIG. Intelligently adapted to your daily needs. WEINIG offers more.



Matthias Vielstädte  
Manager of the Vielstädte joinery

*"We have known WEINIG since 1994. We are confident of their engineering and we just bought a new machine that Customer Services assisted us with to our complete satisfaction. The hotline is always helpful, and a service technician arrives quickly whenever we need assistance. A foundation of trust has been established, and we will continue to buy equipment from WEINIG."*

Founded: 1994  
 Location: Ostercappeln-Hitzhausen (Germany)  
 Employees: 9  
 Production area: 1,000 m<sup>2</sup>  
 Products: individual door and window elements with a focus on restoring windows, home and room doors and hallway doors.  
 Additional information:  
[www.vielstaedte.de](http://www.vielstaedte.de)



The Unimat – powerful, precise, and flexible for all requirements when planing, sawing, and profiling:

- Excellent performance potential
- Superior surface quality
- Maximum precision of machine and end product
- Optimum solution for every requirement
- Fast, simple set-up
- Convenient and user-friendly
- Very safe to use

- Easy integration into existing, productivity-enhancing WEINIG system solutions
- Special solutions for special applications

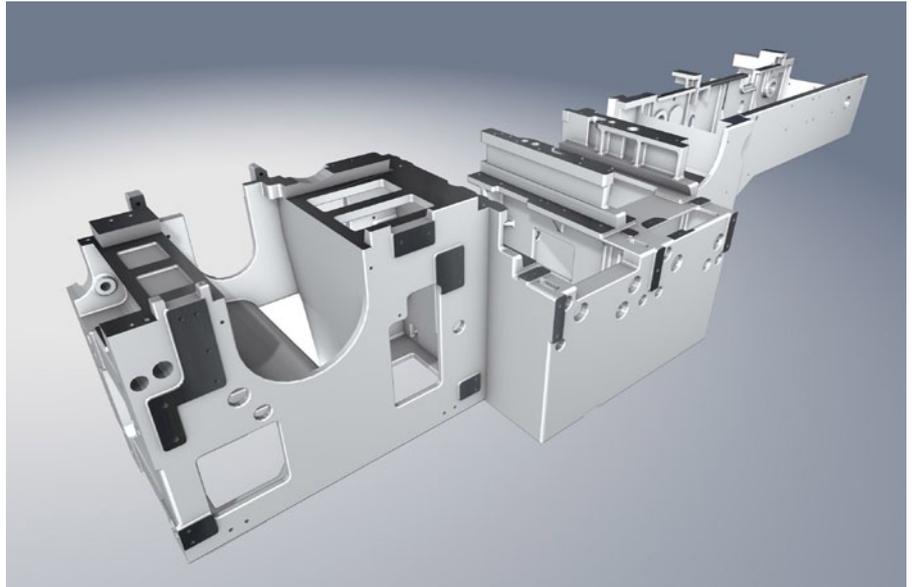
# Solid foundation

## **Superior manufacturing quality made by WEINIG**

WEINIG uses only high-quality components. Such as the heavy base of high-quality cast iron. In comparison to steel, cast iron has very high vibration reducing properties and is the material of first choice when mass and weight are needed.

## **Balance is the key**

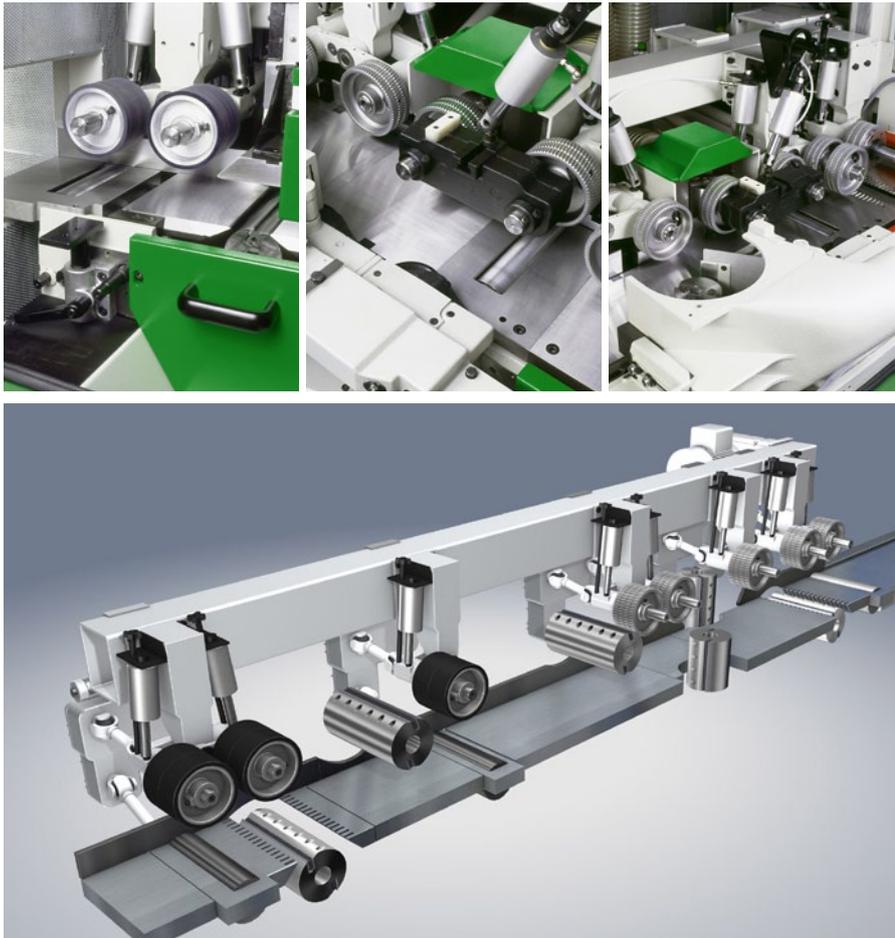
Experienced specialists demand a perfect distribution of strength and weight. By using special calculation programs, we continuously optimize the WEINIG base. With optimum results: WEINIG machines generate the best surfaces by far in the solid wood processing industry.



## **100% quality made by WEINIG**

When working to a tight schedule the danger exists that compromises in materials or tolerances are made. Not at WEINIG. Our independent quality assurance and the high level of manufacturing capability in production allow us to react quickly to defective parts and remove them from the production flow. All machines that leave our plants around the world have 100% WEINIG quality.

# WEINIG feed system – sure transport of material through your machine



More than 80,000 customers have chosen the WEINIG feed system. Thanks to the high number of feed rollers and wide driven table rollers, nearly every part feeds easily through the machine. The standard frequency-controlled feed allows you to easily set the appropriate speed and precisely determine surface quality. We are particularly proud of our low maintenance, robust gearbox design. WEINIG engineers were successful in designing a highly efficient and powerful feed system for transporting the workpieces.

Series	017 – BRLTB	018 – BRLTTB	019 – BRLRTB	022 – BRLTBU	023 – BRLTTBU
200	F:5 / T:1	F:6 / T:2	F:6 / T:2	F:6 / T:1	
300	F:6 / T:1	F:7 / T:2			
500	F:7 / T:2	F:8 / T:3	F:8 / T:3		F:9 / T:3
600	F:8 / T:4	F:10 / T:5			
800	F:8 / T:4	F:10 / T:5			

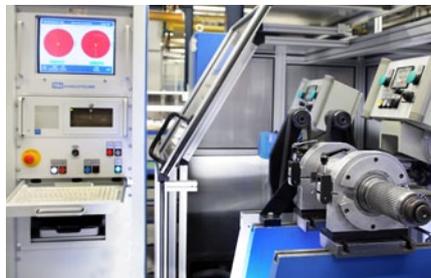
Number of feed rollers (F) and table rollers (T) in each model and series. The number can deviate depending on the choice of options.  
 B = bottom spindle, R = right spindle, L = left spindle, T = top spindle, U = universal spindle

# WEINIG spindles – perfect concentricity

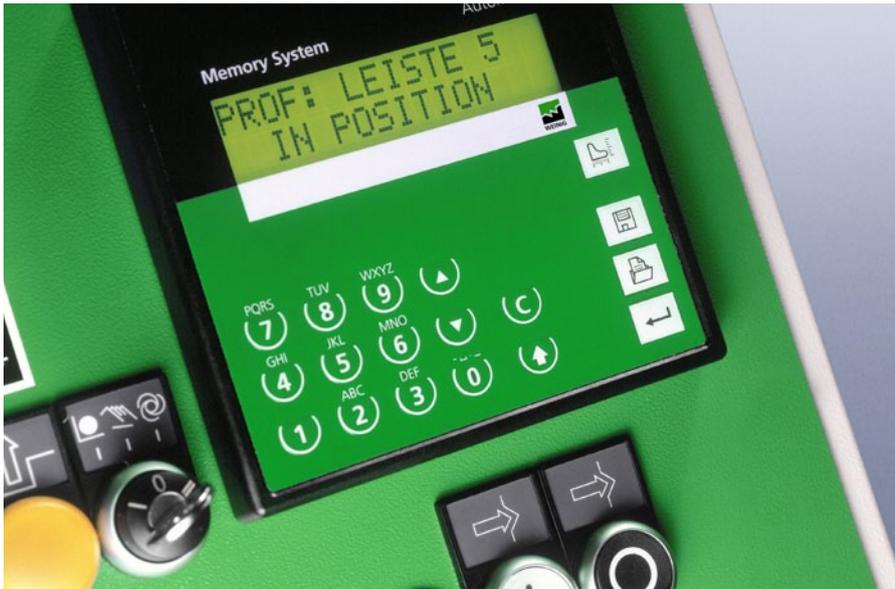


Absolutely smooth running is essential to ensure high surface quality of the finished products.

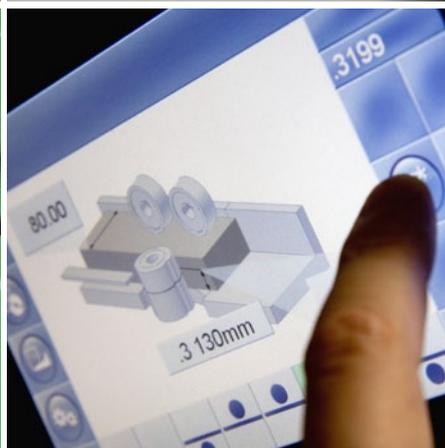
WEINIG has a special trump card: The design and manufacture of the spindles. Each spindle is assembled and tested in a nearly dust proof room before this high-end product leaves the plant. Yet that is not enough: For years, WEINIG has been performing field tests and research to maximize the longevity and smooth running accuracy of the spindles. The results of these development efforts are incorporated into our spindle production. With great success: WEINIG spindles have a legendary reputation.



# Everything at a glance – easy to control, easy to operate



Perfect machining and high operating comfort are essential at WEINIG. All of the elements for adjusting and controlling are mounted on the outside on the cover of the Unimat series. The spindles can also be adjusted during production. The DigiSet display is always visible even when the cover is closed which makes adjustments much easier. The modern, production-oriented control approach with the EasyCom and memory is distinguished by clear symbols and simplicity of use.





Before you can S4S one workpiece with your old machine, the WEINIG Unimat will plane 10,

... and when producing a profile, it is 15 times more productive.



Herwig Danzer, Manager  
Die Möbelmacher

*"We have not used jointers and planers for a long time. With our WEINIG moulders, we can plane the wood much faster and more accurately for our production. This was clear on the very first job: a solid wood floor for our shop. We admire the results every day. If you want to be successful in producing solid wood products, you must be ready to pursue new technology. With WEINIG's machine engineering, you can't make a mistake."*

Founded: 1988

Location: Kirchensittenbach (Germany)

Employees: 17

Production area: 1,000 m<sup>2</sup>

Products: Complete interiors for kitchens, residential and business rooms. Offering floors to lights, curtains to upholstered furniture, and from design to long-term support after installation.

Their slogan: "All about furnishing" with a focus on customer orientation and healthy living. Additional information: [www.die-moebelmacher.de](http://www.die-moebelmacher.de)

# 5 reasons why you should choose WEINIG



## **100% quality**

Quality engineering, careful processing and continuous development the traditional, characteristic features of a WEINIG machine. A solid design, high performance and long service life are a matter of course. You can benefit from the experience of more than 80,000 machines supplied by WEINIG.



## **Reliable machines made by WEINIG**

WEINIG machines are superior products that excell in every market under a wide range of conditions. Only WEINIG has this much experience and expertise in solid wood machining. Cutting edge manufacturing is used in production. Each machine that leaves the plant is thoroughly tested and meets a high safety standard.



## **Support – always there for you**

Every one of our Unimat series vendors are certified. You will be guaranteed professional support from the very first. In addition, our competent WEINIG support team is available as needed.



## **Service at the highest level**

Sales are important. Even more important to us is for you to be satisfied. We have a team of factory trained Unimat series service technicians around the world. The specialists speak your language and are continuously trained in the plant. In addition, WEINIG branches and business partners will make sure that your machine is ready to use.



## **Everything from a single source**

WEINIG offers you everything that you need for solid wood machining: From ripping to cutting to length, planing and profiling, optimizing wood and automation. Including the peripheral equipment for your machine. A contact for every phase of production – an efficient and reliable source.



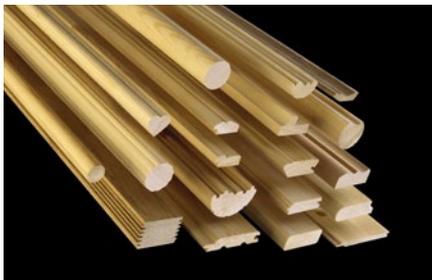
# Which Unimat is for you?

The Unimat series by WEINIG offers an efficient, convincing solution for every challenge and every need. From the Unimat 200 series to the powerful Unimat 800 series. What all the models have in common: They produce superior surface quality and are absolutely reliable in hard daily use.



## **Unimat 200 series**

Specially developed for companies that operate on a strict budget but do not want to forego quality. The models of the WEINIG Unimat 200 series get the job done at a great price. Also companies who produce on automated lines could profit from this model for short production runs.



## **Unimat 300 and 500 series**

Both models offer a compact but strong design with a great deal of flexibility. The numerous enhancement packages give you a valuable edge in production. The 500 series will even give you 33% more production with the same high quality as the 300 series.



## **Unimat 600 series**

Powerful machines that can take it all. The Unimat 600 series is designed for tough daily work without any compromises. A heavy, cast iron base together with numerous feed rollers, driven table rollers and heavy-duty pressure elements leave nothing to be desired.



## **Unimat 800 series**

The power package for working with widths up to 310 mm (12 ¼"). These machines offer a perfectly tailored concept. Whether you are making profiles or wider products, you can take on any job with any model of the Unimat 800 series.



**WEINIG tooling**

The best machine is only worth as much as the tool in it. The tool machines the wood and is essential to the quality of the workpiece. For our planing and molding machines, we recommend the proven original WEINIG tool produced in the precision country Switzerland at WEINIG.

# WEINIG has the entire package: The right accessories for the Unimat

The Unimat series is the heart of the new WEINIG machine concept. We offer peripheral equipment for the machine that fits together like a modular system. Each package is individually put together to yield production-enhancing complete solutions that equip you for the challenges of the future.



## **WEINIG OptiControl**

Further reduce machine tooling times. Optical tool measurement for maximum product quality while reducing set-up scrap – the first workpiece is correct.



## **Grinding, sharpening, profiling with the Rondamat**

Whoever can deliver quickly has the advantage. Produce profile and straight tools yourself within a short time. From manual to fully automatic we have the right grinder for every demand.



## **Automatic template production**

Flexibility is your advantage! Produce your own profiling tools within the shortest time. The template router will make the necessary profile template, including the axial constant reference system. Without any manual drawing, with top precision, repeatable at any time. Ideal for multiple mouldings: draw them once, and then just reproduce.



## **Automation with the WEINIG EM 11**

– a must for production of short or long pieces. Get the most out of your machine. Additional advantages: the hopper feed is mounted to the straightening table, and can be quickly removed for manual feeding. Optimal for feeding parts with different lengths.

# WEINIG QUALITY

## All-round program for solid-wood processing

WEINIG is your technological advantage. And has been for over 100 years. WEINIG quality makes our partners in industry and artisan trades to

winners over the global competition. With machines and systems which set standards for performance and profitability. With intelligent production

concepts for maximum added value. And with customized solutions – from applications through to services.



SEPARATING · CUTTING · OPTIMIZING · FINGER-JOINTING · GLUING · PLANING AND PROFILING · WINDOW PRODUCTION · AUTOMATION

WEINIG offers more.

Subject to technical modifications.  
Statements and pictures in this brochure may also include optional extras which are not included in the standard serial equipment. Some of the photos show the machine with the protective covers removed.



## **Product Unit Profiling**

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