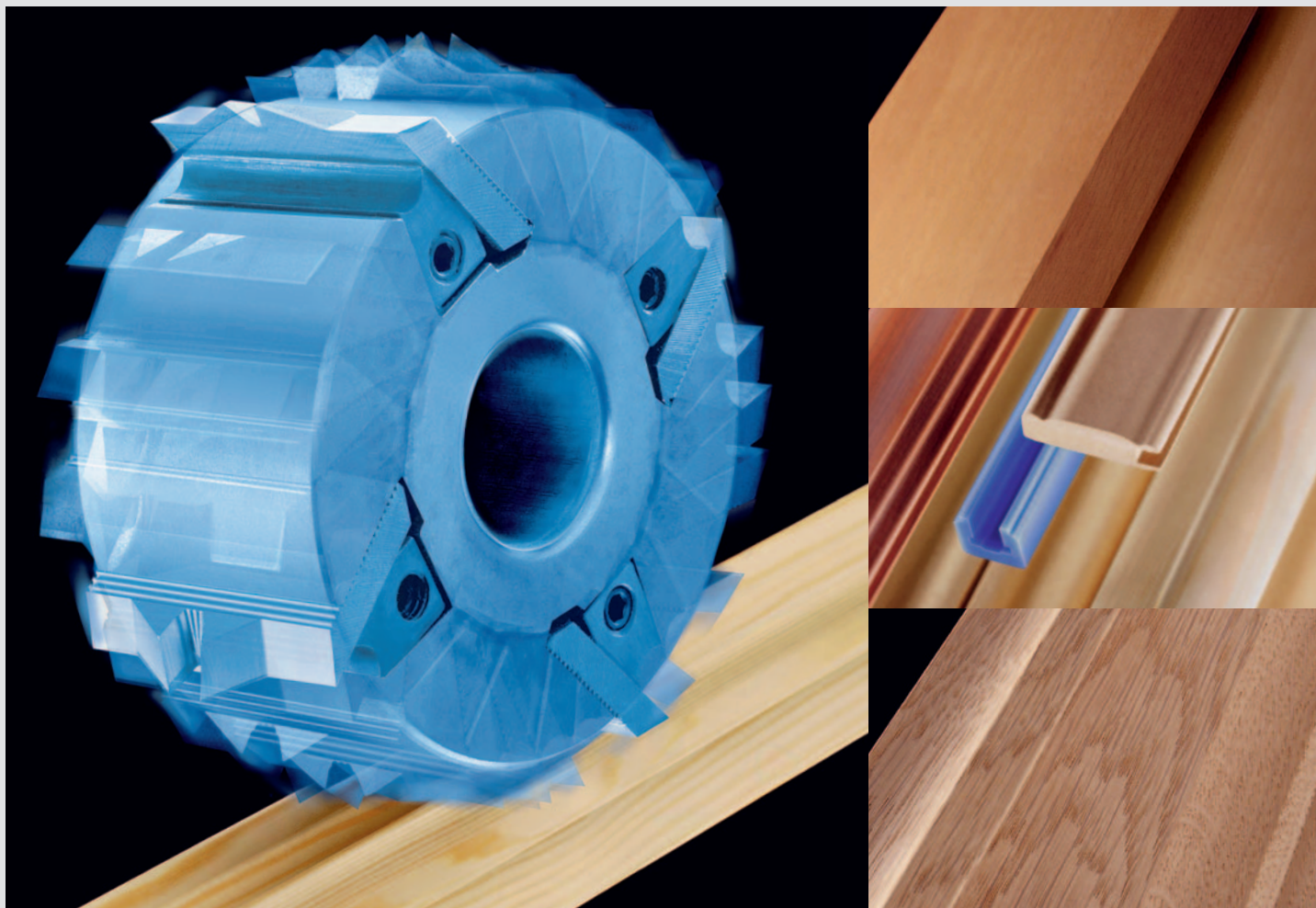


Unimat 500

The Flexible Machine Concept
when Planing and Profiling



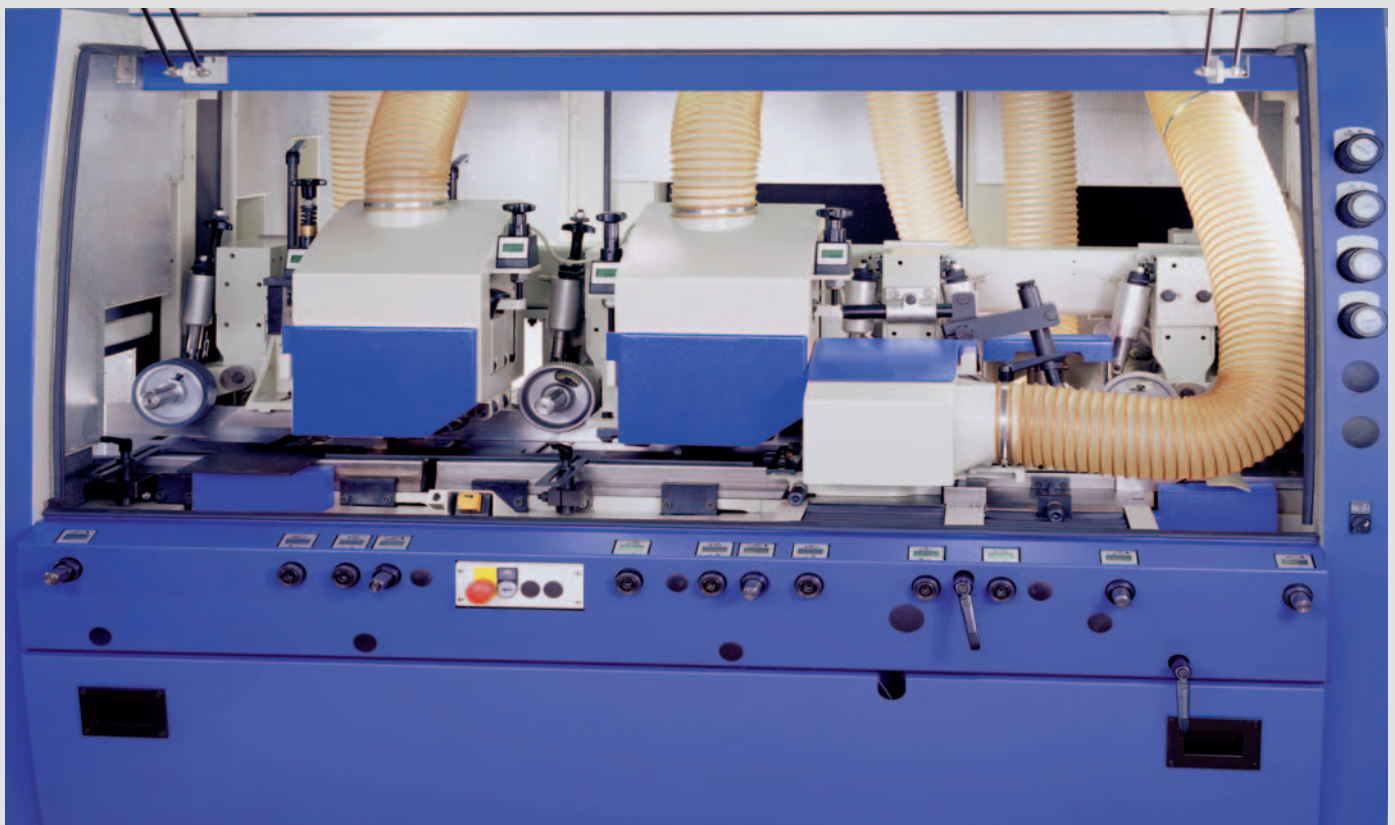
Weinig  WEINIG
GROUP

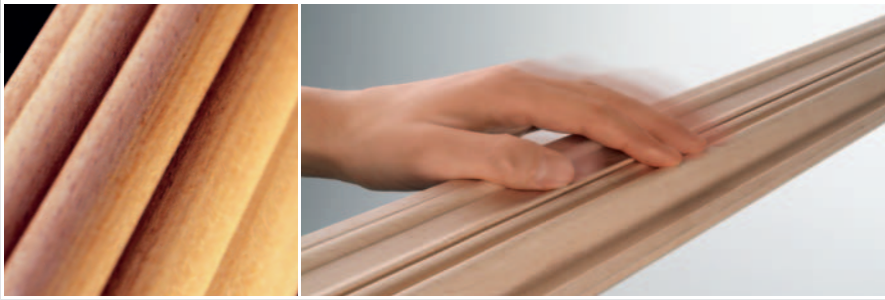
WEINIG Unimat 500: The culmination of world-wide experience combined with modern set-up technology

The WEINIG Memory System dramatically simplifies set-up of the moulder. Once produced and stored, a profile can be retrieved [at any time] and produced again – all this with maximum precision and minimal effort. Several spindle configurations are available to meet your requirements, whether simple or complex, and each of them can include an optional universal spindle. Thus the Unimat 500 can be configured for any requirement. With PowerCom-System and motorized spindles it can optionally be offered as an NC-controlled machine.

The most important technical data

Working width	230 mm / 1 ¹ / ₁₆ " (optional 260 mm/10 1 ¹ / ₄ "
Working height	120 mm / 4 ³ / ₄ " (optional 260 mm/6 1 ¹ / ₁₆ "
Number of spindles	5 – 8
Feed speed	5 – 30 m/min (16 – 100 ft/min)
Spindle speed	6,000 rpm
Motor capacity, vertical	5.5 – 11 kW (7.5 – 15 HP)
Motor capacity, horizontal	5.5 – 11 kW (7.5 – 15 HP)
Max. tool cutting circle	200 mm / 7 ⁷ / ₈ "





WEINIG Machine Technology
Experience that pays off!

1 WEINIG Marathon Coating

Our new high-tech coating process doubles the durability of table plates, fences and pressure shoes in comparison to previous methods. The higher wear resistance means extended table plate and fence life and improved corrosion resistance.

2 The quick-action clamping nut

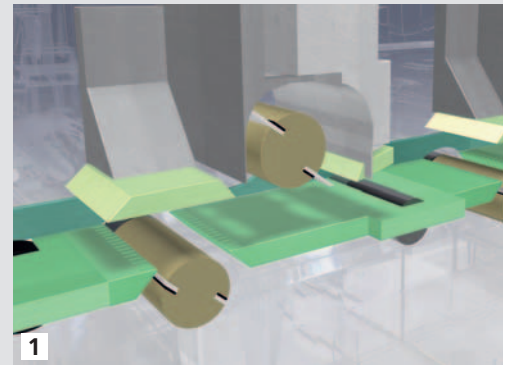
With the quick-action clamping nut, a mechanically locked cutterhead can be tightened or released effortlessly. A hydraulically actuated clamping ring presses against the cutterhead with great force to hold it securely in position, a pin will indicate when the tool is fully clamped.

3 WEINIG Memory System

With the Memory System you set up conventionally, store your profile data and retrieve it by pressing a button when you want to repeat the profile. Reduce and simplify set-up and reduce or eliminate set-up scrap. Chip breakers and pressure shoes can also be integrated into the system.

4 Motorized Spindle Positioning

In conjunction with the Memory System or PowerCom. Spindles position automatically and precisely by pressing a button on the control console. Any number of radial and axial spindle movements is possible and includes the feed beam position.



The Unimat –

strong, precise and flexible for all requirements when planing or moulding:

- excellent performance potential
- simple to operate
- fast set-up
- top quality of finish
- accurate work pieces
- a solution for every application
- user-friendly
- maximum safety
- easy integration into existing production
- WEINIG system solutions working for you
- Heavy cast iron base for absorption of vibration when making deep profiles

Unimat 500



MICHAEL WEINIG AG
Weinigstrasse 2/4
97941 Tauberbischofsheim
Germany

Telephone +49 (0) 93 41 / 86-0
Telefax +49 (0) 93 41 / 70 80
E-mail info@weinig.de
Internet www.weinig.com