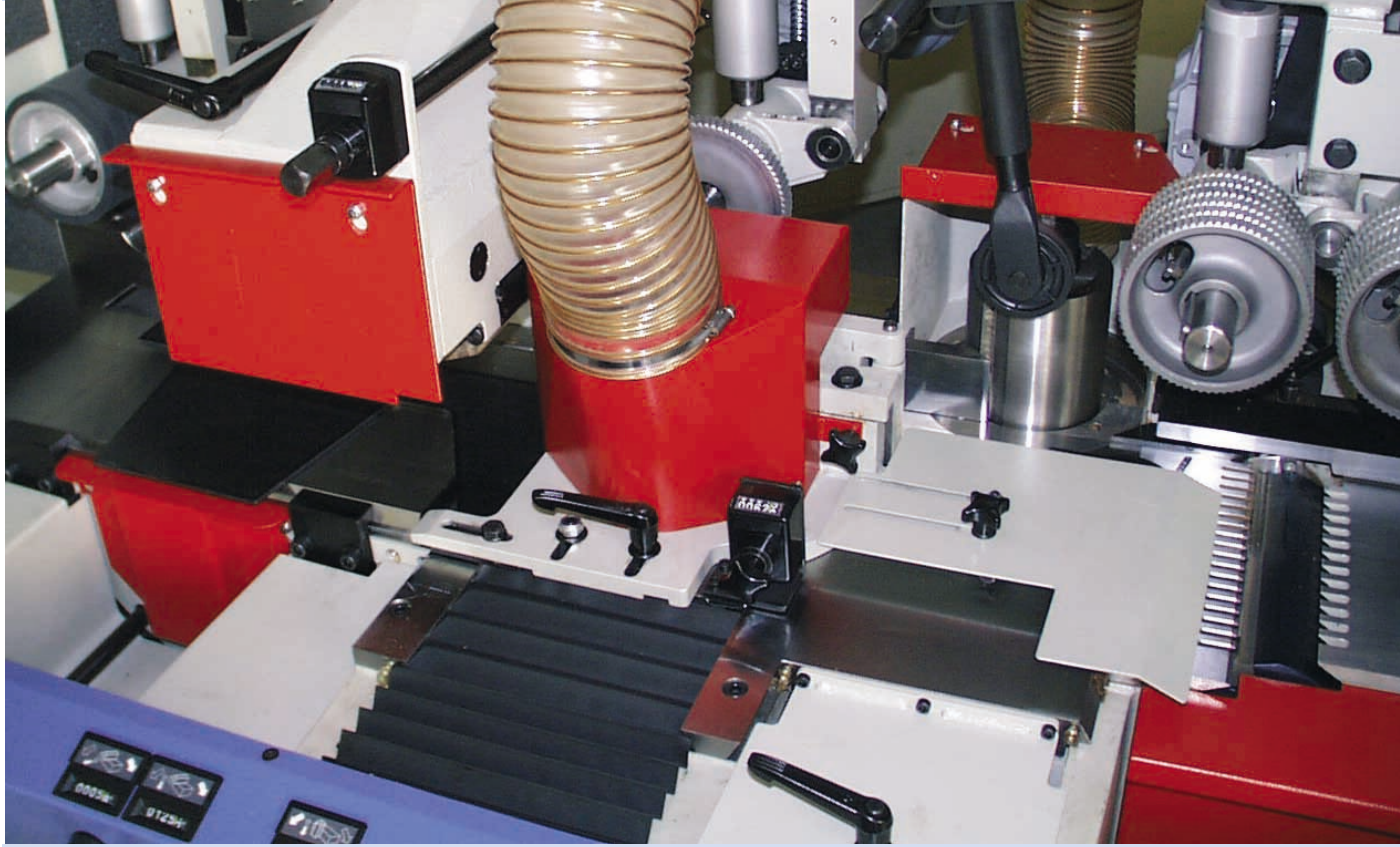


**Competence worldwide at the top**



# Weinig Unimat 300

**All inclusive!  
All in it!**

**The best, most  
reasonably  
priced moulder  
in this class!**



**Made in  
Germany**

# The strong standard of the new Unimat 300 at a glance

## Heavy cast-iron machine base

- Optimum vibration absorption
- Top-quality surface finish

## Pneumatic pressure for feed rollers

- Constant pressure even for workpieces of different thickness

## Infeed roller in front of 1<sup>st</sup> bottom spindle

- Up/down adjustment at the control panel for your convenience

## Pressure rollers from above, sturdy fences on the right and left

- Precise control of short parts and small cross-sections

## Compact design

- Minimum space requirements

## Smallest cross-section

**13 x 6 mm**

## Largest cross-section

**230 x 120 mm**

## Axial spindle adjustment up to 30 mm

- Maximize use of tooling
- Flexibility when machining complicated profiles

## Right fences 60 mm high

- Maximum support of work-piece and intricate profiles

## Maximum cutting circle of the moulding spindles 200 mm

- Up to 30 mm depth of cut possible

## Axial adjustment of feed roller opposite left spindle up to 25 mm behind machine fence

## Central adjustment of the chipbreaker and pressure shoe using digital readouts

- Reduces set-up time
- Only one central adjustment for the left and top spindle to different tool diameters
- Chipbreaker and pressure shoe are simultaneously positioned

## Anything missing?

**Call us!**

**Weinig offers more!**

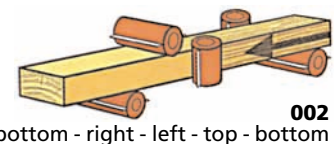
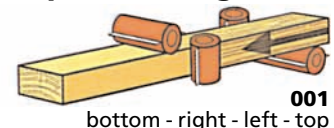
|   |                        |
|---|------------------------|
| Working width   | 13-230 mm              |
| Working height  | 6-120 mm               |
| Number of spindles  | 4 + 5                  |
| Motor capacity of the 1 <sup>st</sup> lower spindle   | 5.5-7.5 kW (7.5-10 HP) |
| Motor capacity of the vertical spindles   | 5.5-11 kW (7.5-15 HP)  |
| Motor capacity of the upper spindle   | 5.5-11 kW (7.5-15 HP)  |
| Motor capacity of the 2 <sup>nd</sup> bottom spindle  | 4-11 kW (5.5-15 HP)    |
| Motor capacity of the feed  | 0.75 kW (1 HP)         |
| Spindle speed   | 6000 rpm               |
| Spindle diameter  | 40 mm                  |
| Tool cutting circle of moulding spindles  | 125-200 mm             |
| Adjustment range of spindles (axial)  | 30 mm                  |
| Adjustment range of 1 <sup>st</sup> lower spindle   | 5 mm                   |
| Adjustment range of the 2 <sup>nd</sup> bottom spindle  | 10 mm                  |
| Feed speed  | 6 and 12 m/min         |
| Feed roller diameter  | 140 mm                 |
| Feed roller width   | 2 x 50 mm              |
| Width of the roller in the outfeed table  | 50 mm                  |
| Adjustment range of straightening table and edge jointing fence                                   | 10 mm                  |
| Height of the right fence   | 60 mm                  |
| Length of the straightening table   | 2 m                    |
| Rebate cutter head  |                        |
| Pneumatic pressure for feed rollers   |                        |
| Roller in front of 1 <sup>st</sup> bottom spindle pneumatically controlled                        |                        |
| Pressure rollers from above and left side in front of machine feed                                |                        |
| Table inserts for 2 <sup>nd</sup> and 3 <sup>rd</sup> spindle                                     |                        |
| Waxilit pump with foot pedal for table cleaning   |                        |
| Central position of the lubrication points at the front of the machine                            |                        |
| DigiSet (set tool radius – read off timber measurement)   |                        |
| Machine in CE design incl. spindle brakes, electromagnetic locking of the hood and interior light |                        |
| UL and CUL approved   |                        |

## Useful option:

version with 4 spindles (001) prepared for retrofitting of a 2<sup>nd</sup> bottom spindle

Subject to technical modifications. Statements and illustrations in this brochure may include optional equipment that is not part of the standard specification. Safety covers partly removed for taking photos.

## The spindle arrangement:



**Weinig**  **WEINIG GROUP**

Michael Weinig AG  
Weinigstrasse 2/4  
97941 Tauberbischofsheim  
Germany  
Tel. +49 (0) 93 41/86-0  
Fax +49 (0) 93 41/70 80  
E-mail info@weinig.de  
Internet www.weinig.com