

Profimat

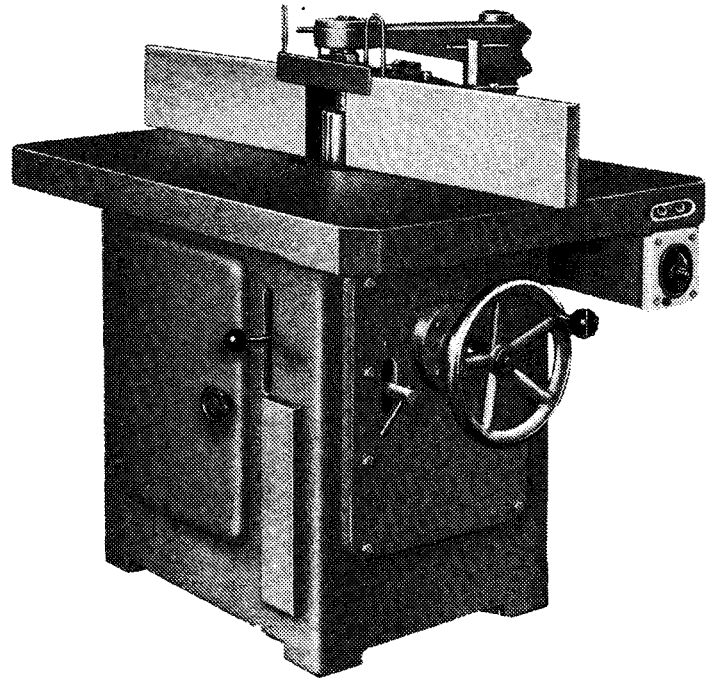
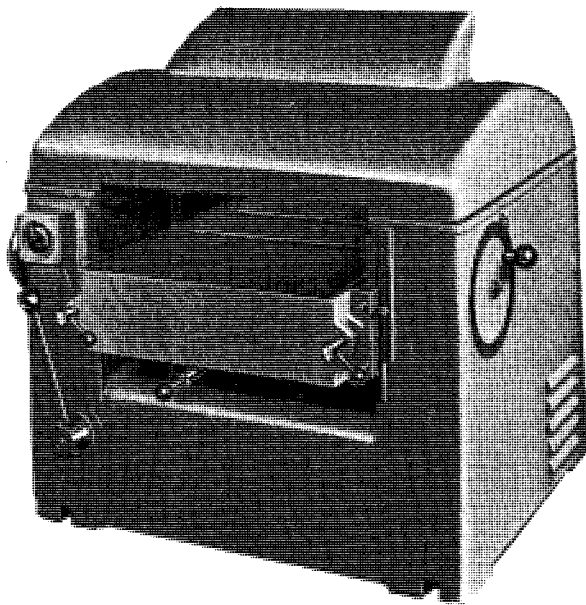
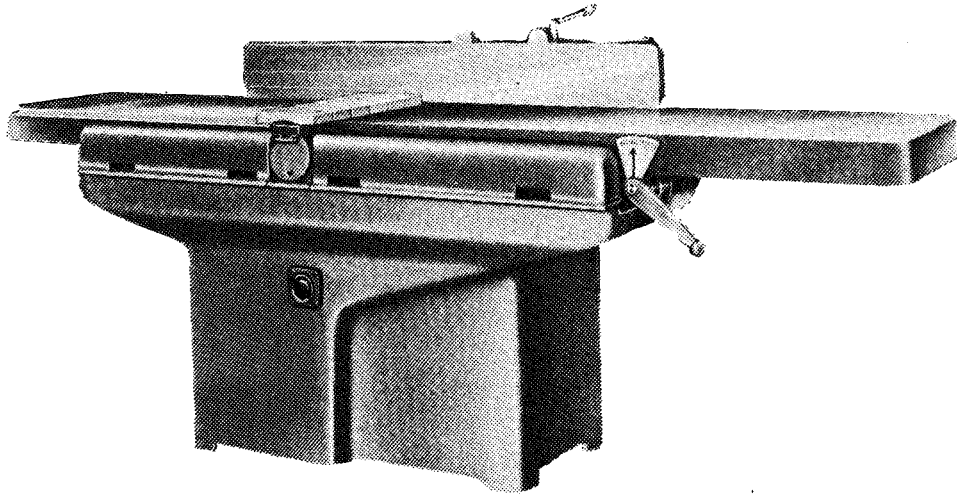
The professional way
of four-sided woodworking



22 N



Forget yesterday's production methods...



There is always something endangering the existence of your company. These are the single-purpose machines of yesterday. The surfacers, edge jointers and thicknessers. You can't afford these machines any longer.

They are too slow. Their output is too low. They take up too much space. The transport ways involved are too long. Qualified personnel is required. One expensive man for straightening. One expensive man for edge jointing. One

expensive man for thicknessing. And wage costs are rising. Materials cost more. Customers are becoming more and more demanding. Delivery dates are getting tighter. Quality demands are on the rise, and competition is getting hotter.

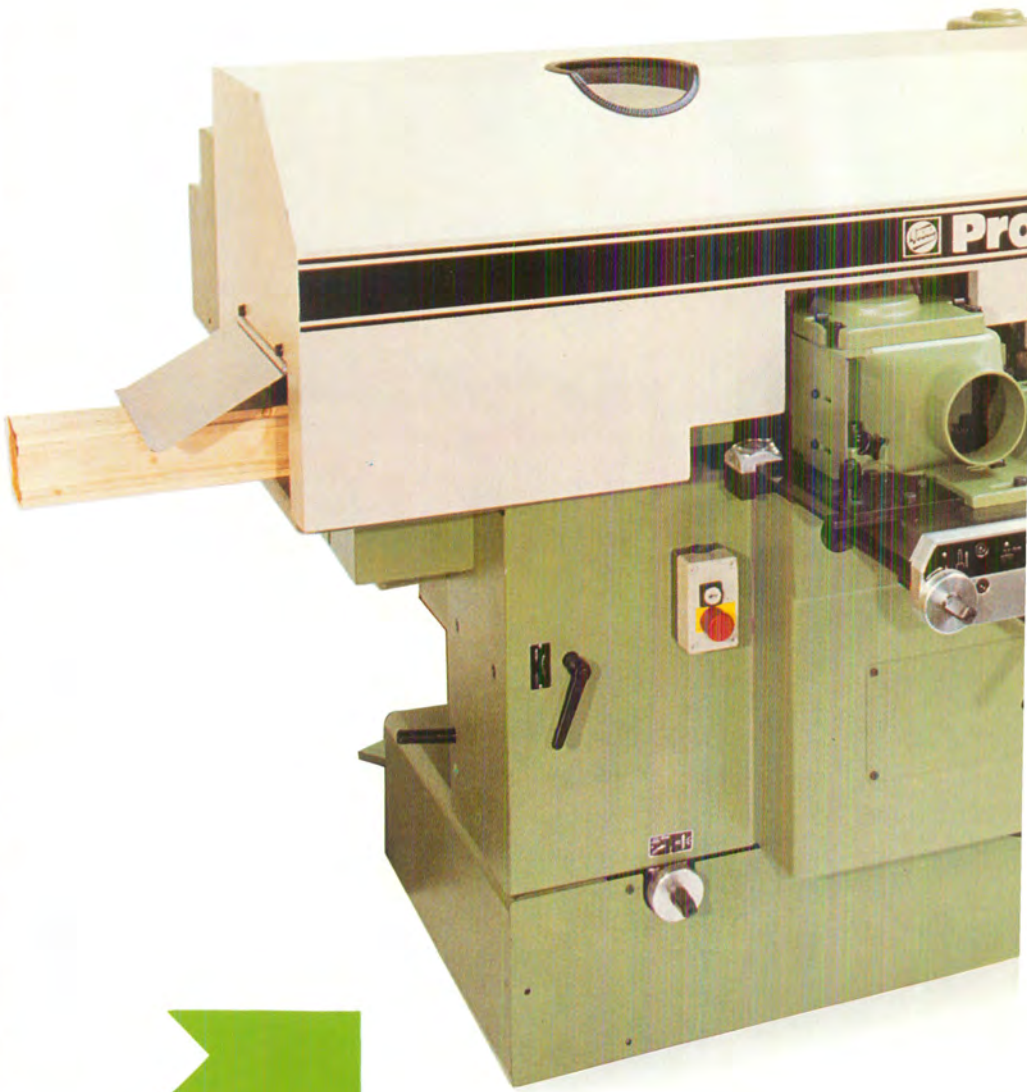
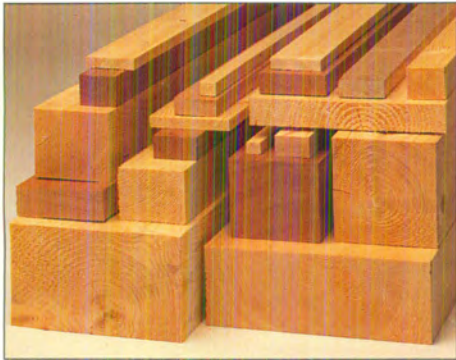
... go the professional way

Instead of a number of machines one machine. Instead of expensive setting-up times continuous production.

Instead of unnecessary highly qualified personnel, low wage costs. Instead of complicated changes, lightning quick reaction to the changing demands of the market. And all that for the price of a good straightening thicknesser.



Straightening + edge jointing +



Four-side planing: Profimat 22 N



This is the automatic planer – requiring as little as 4 square metres of space – which produces as much in one hour as traditional machines in one whole day. It is satisfied with unskilled labour. It eliminates unnecessary transport ways. It works the whole day through, more accurately than your highest paid employee. It can be reset for a new job within one (!) minute. It can provide you with a surface finish that can only be obtained by simultaneous machining of all four sides.

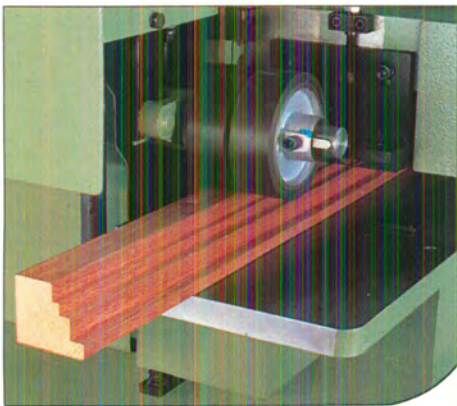
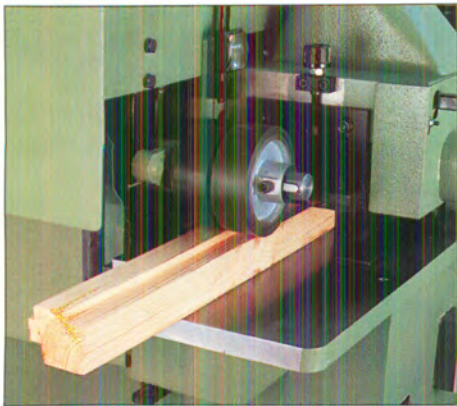
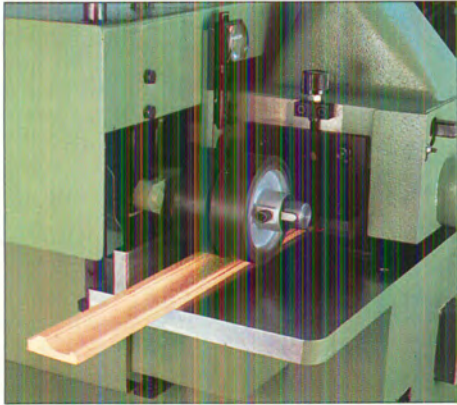
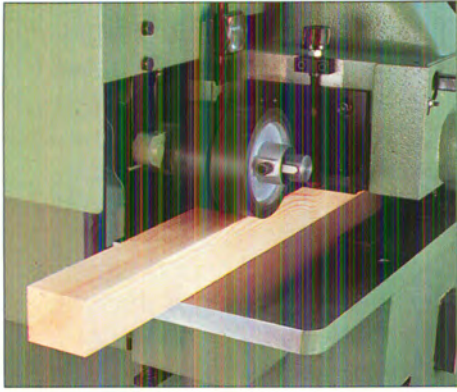
It incorporates the experience of more than 25,000 Weinig four-siders.

With modern electrics with pushbutton control. With solid cast-iron frame. With noise damping safety hood. With sound-reducing table lips. With hardened and chromium-plated feed rollers for wet and extra hard wood. With large cutting circles. With driven roller in the outfeed table.

A great deal of technology at a price second to none.

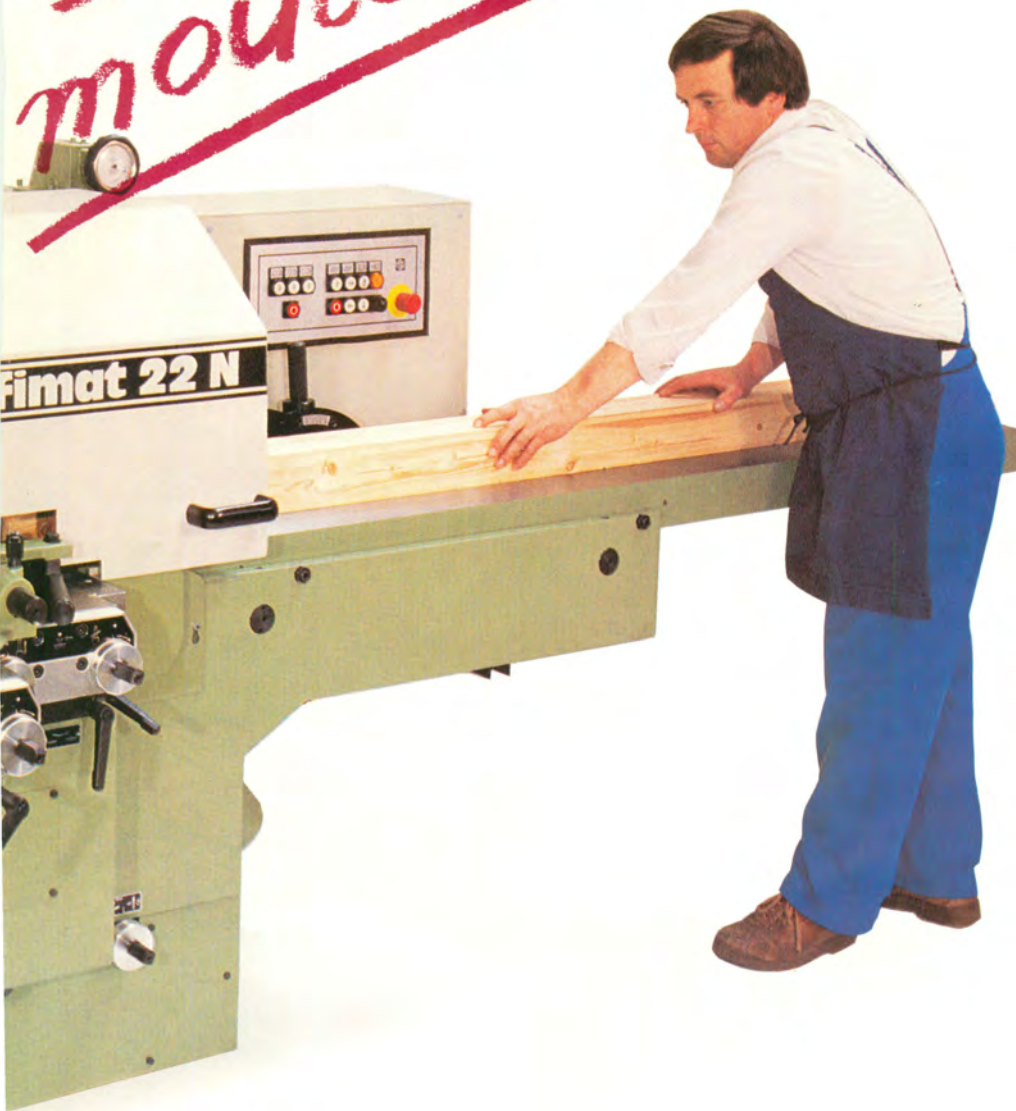


Straightening + edge jointing +



Four-side planing: **Profimat 22 N**

*and
moulding*



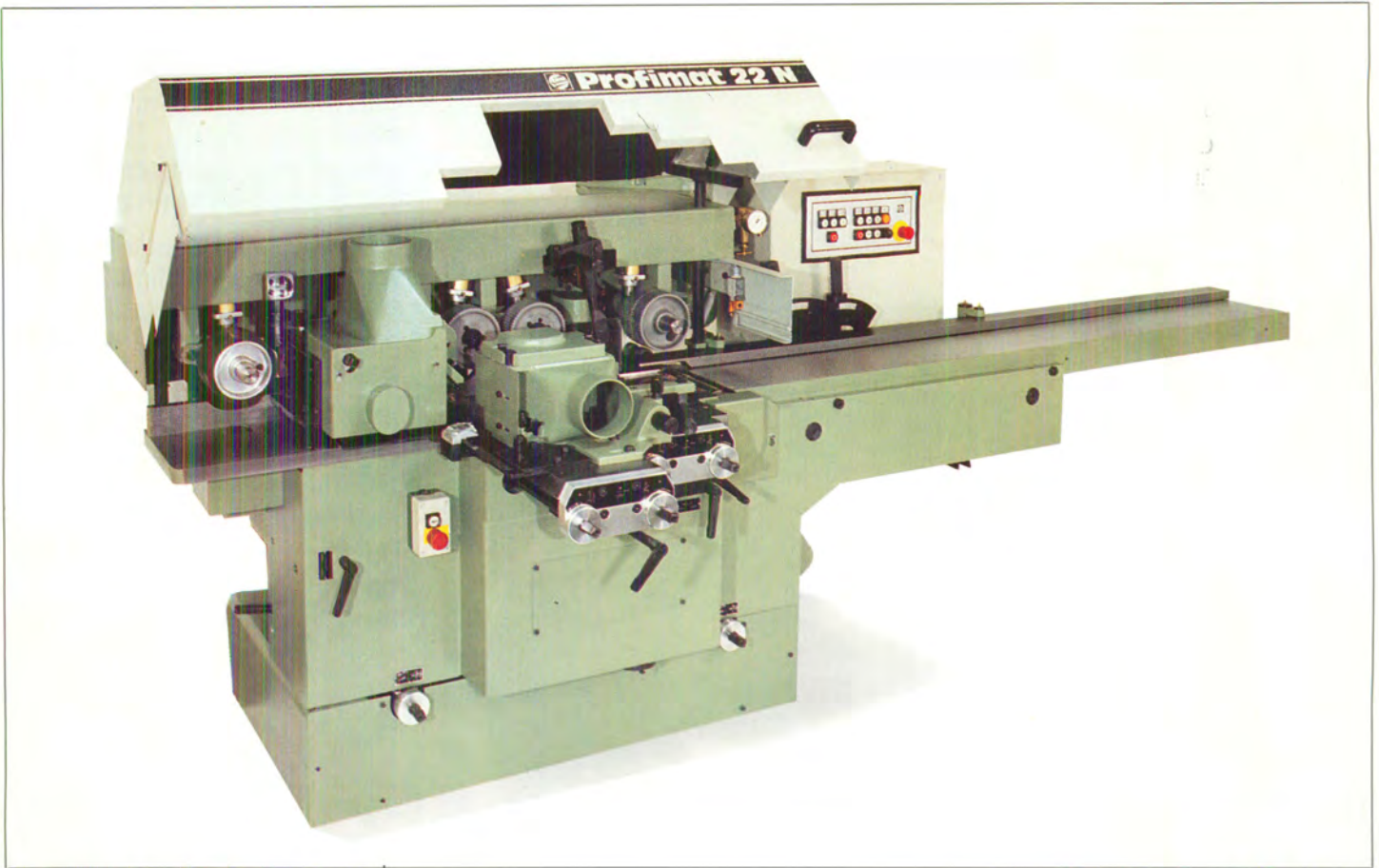
We will provide your Profimat with the moulding package at a small extra charge. This will convert your automatic planer into a fully fledged moulder.

It includes axially adjustable spindles, larger cutting circles, pressure bars and guides, spacer rings and many other features.

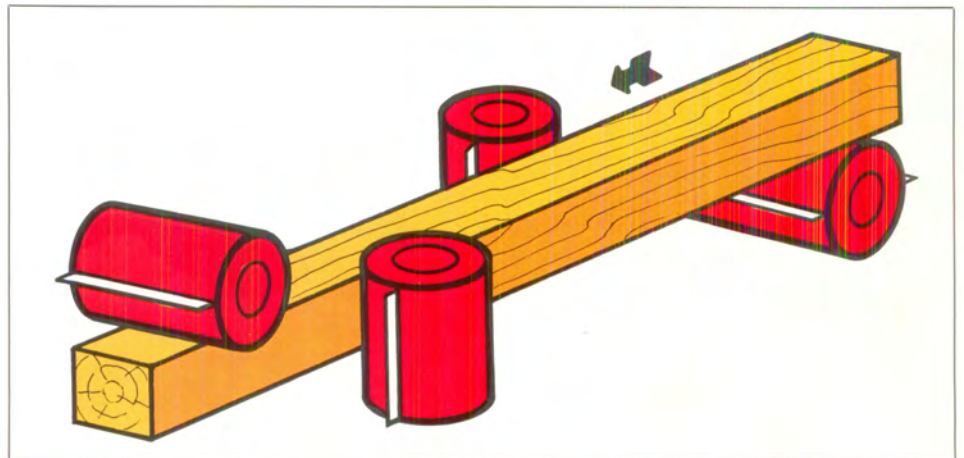
Now you can see the difference between the Profimat and just another four-side planer.

Your Profimat can also mould. Thus you are ready for new market developments and hold the door open for new products.





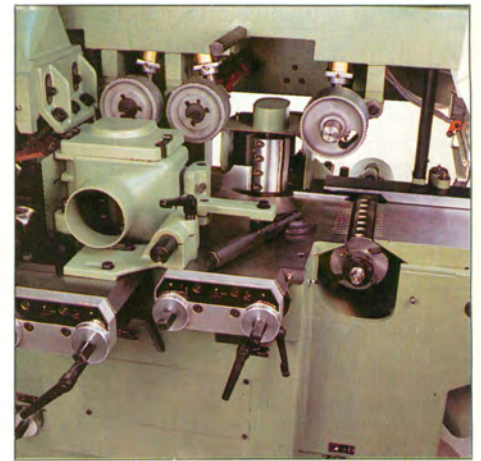
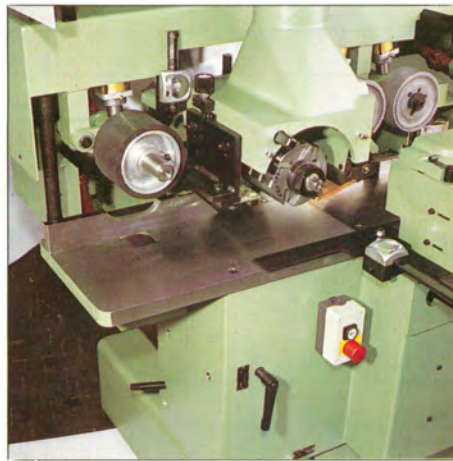
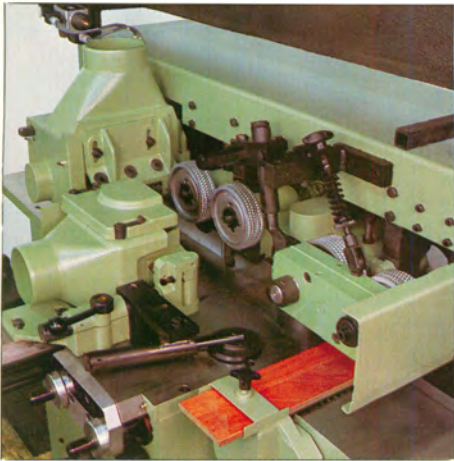
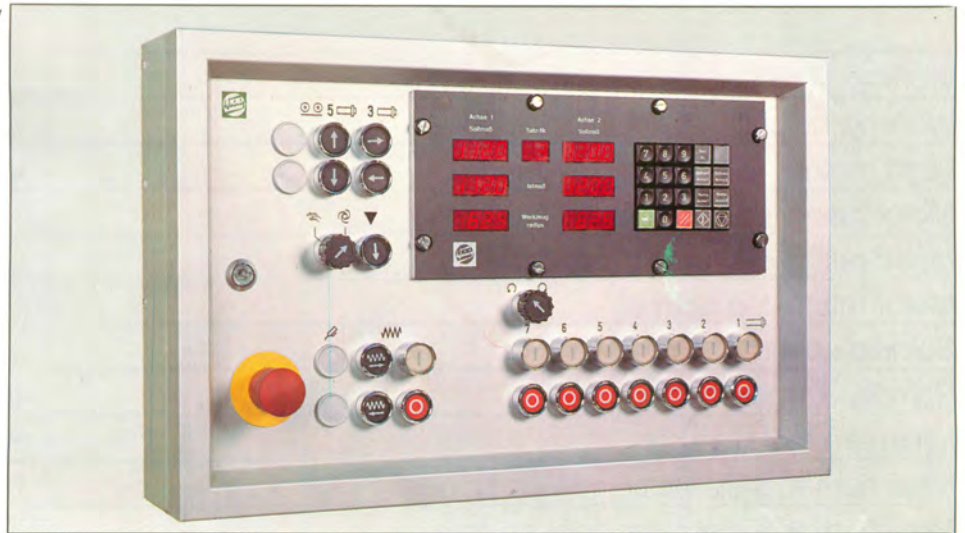
Perfect Weinig technology. Low space requirement. Attractive price.



The spindle arrangement of the Profimat: bottom (straightening) – right – left – top.



Set a new measurement simply by pushbutton. Up to 30 workpiece dimensions can be programmed and called up as required. Of course, the tool radius is automatically taken into consideration.



Extras make the Profimat even more universal – the feed roller in front of the straightening spindle, pressure rollers and the enlarged hoods. A perfect system.








Already as standard: the driven roller in the outfeed table avoids feed problems.

The machine conception without any compromises. Noise reducing table lips, chromium-plated feed rollers and compact construction.



These technical data allow you to draw comparisons



				
Working width*	220 mm			
Working height*	120 mm			
Feed motor	1.5 kW (2 H.P.)			
Motor rating, bottom spindle	4 kW (5.5 H.P.)			
Motor rating, left and right spindle	5.5 kW (7.5 H.P.)			
Motor rating, top spindle	4 kW (5.5 H.P.)			
Spindle speed	6000 r.p.m.			
Spindle diameter	40 mm			
Minimum tool diameter	125 mm			
Maximum tool diameter, bottom spindle	125 mm			
Maximum tool diameter, right spindle	125 mm			
Maximum tool diameter, left spindle	125 mm			
Maximum tool diameter, top spindle	125 mm			
Feed speed, infinitely variable	4-22 m/min.			
Feed roller diameter	140 mm			
Feed roller width	2 x 50 mm			
Adjustment range of surfacing table and edge jointing fence	10 mm			
Length of surfacing table	2 m			
Operating voltage	380 volts, 50 cycles			
Reverse feed				
Inching button for feed "forward"				
Noise-absorbing safety cover for feed rollers, folding up				
Groove cutter with reversible tips for guiding groove				
Driven roller in the outfeed table				
* at a tool diameter of 125 mm				





Moulding packag comprising:

Axial adjustment of right, left and top spindle, each	20 mm			
Maximum tool diameter for top spindle	200 mm			
Minimum tool diameter for top spindle	100 mm			
Machine fence after right spindle high, adjustable to tool diameter	60 mm			
Guiding ruler after left spindle adjustable to tool diameter				
Divided pressure bar and guide in front of and after top spindle, height adjustable to tool diameter				
Spacer rings for right, left and top spindle				
Infeed roller in front of 1st bottom spindle				
Maximum tool diameter for right spindle up to 10 mm below the table	192 mm			
Maximum tool diameter for right and left spindle up to 20 mm below the table	180 mm			

Made to measure through extras. Just a few examples:

Dust collecting spyder				
Increased motor horse power up to	11 kW (15 HP)			
Pressure roller opposite first right spindle				
Infeed roller in front of 1st bottom spindle				
Electrical up-down adjustment of top spindle linked to feed beam				
ATS system, automatic positioning control for left and top spindle. Up to 30 measurements programmable per spindle. Motorized pushbutton adjustment of both spindles to the pre-selected position with due consideration of programmed tool diameter.				

(Subject to alterations)

WEINIG OFFER MORE



Weinig



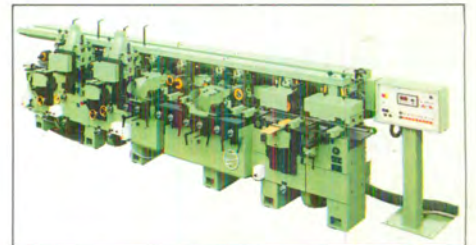
Aerial photograph of our factory in Tauberbischofsheim
(publication approved by Reg. Präs., No. 9/54 571)



Large-batch production on a production line



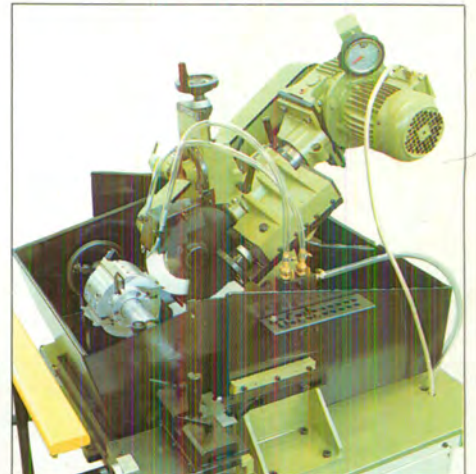
Unimat



Hydromat



Material handling equipment



Rondamat 931 and
Original Weinig tooling