

Weinig Unicontrol 6. More windows. Less work. Higher quality.

Paired tenoning of all in one pass! Double-pi

In next to no time the Weinig Unicontrol 6 makes you a specialist for production of smaller batches and one-offs. It allows order-based production and as a result reduced inventory. The expensive set-up time is eliminated from your calculation.



More profit.

Window components easier production!

Without tool-changes you can tenon and lengthwise profile any frame, any size, any profile. At the touch of a button! Cutting to length, cutting out glazing beads, stormproofing and production of glazing bars are all easily accomplished by the Weinig

Unicontrol 6. With the Weinig Unicontrol 6 you not only become faster and more price competitive, you also become better. All surfaces are perfect, all corner-joints are produced for a perfect fit.

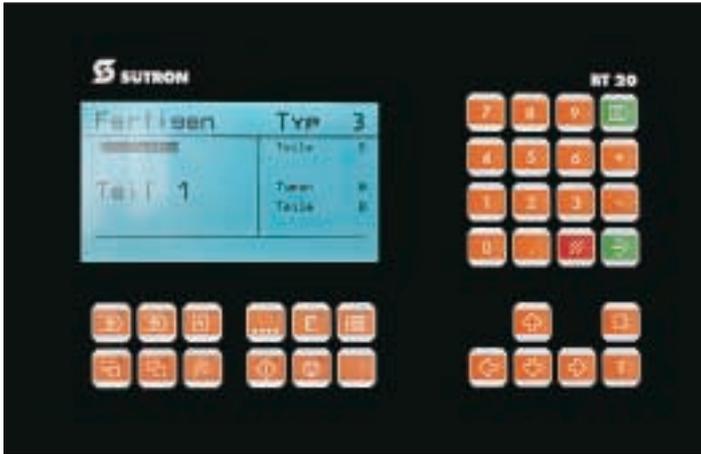
One-off production offers more!

With the Unicontrol 6 you step into the world of one-off production. No more need to produce inventory. This saves you a lot of money. One-off production means: No marking! No searching! No sorting!

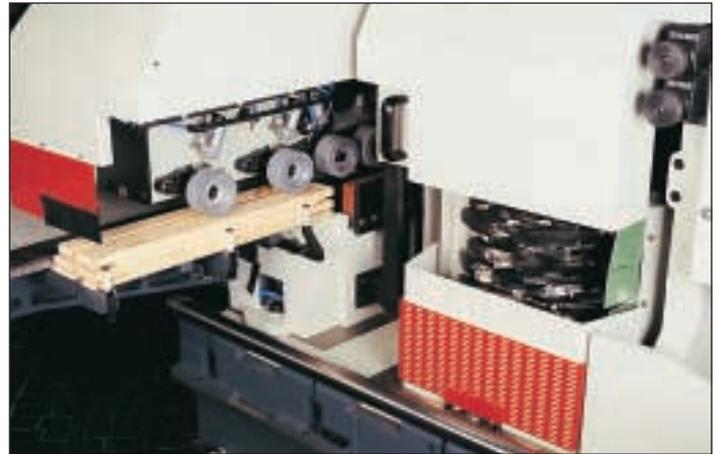


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Different types of window



Program control system: Up to 99 different types of windows, each consisting of up to 8 components, can be programmed into the compact control system. This system integrates operator's routine and error diagnostics system on screen!



Double-piece production: Fully automatic transfer of the parts to the moulding station. Paired! (Weinig specialty!)



The moulding spindle allows for the required tool positions.



The groove spindle works precisely to within a fraction of a millimeter, i.e. the groove for the window sill and nosing. Important for renovation work on old buildings: various groove depths.



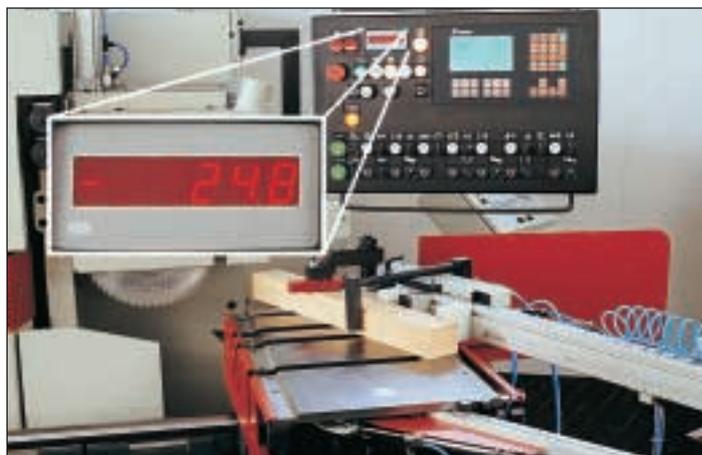
Extremely close distance between feed rollers. The fence is controlled. Thus very short and narrow glazing bars can be produced.

more profit.

s at the touch of a button!



The special guide fence enables machining of parts of random width up to 100 mm. Without any manual adjustment you can machine for example a mullion of 110 mm width and a glazing bar of 50 mm width, one after the other.



Unit for production of studio windows with laser reference light. Trapezoid windows can be produced without special layouts. All information provided by the scheduling department can be directly translated into action. Electronic angle display.



Return roller conveyor: The workpieces are returned to the operator in the correct position. This saves the cost of an operator at the machine outfeed.



Stormproofing with a climb-cutting spindle. This turns your Weinig Unicontrol 6 into an automatic stormproofing machine. Controlled feed rollers reduce throughfeed time.



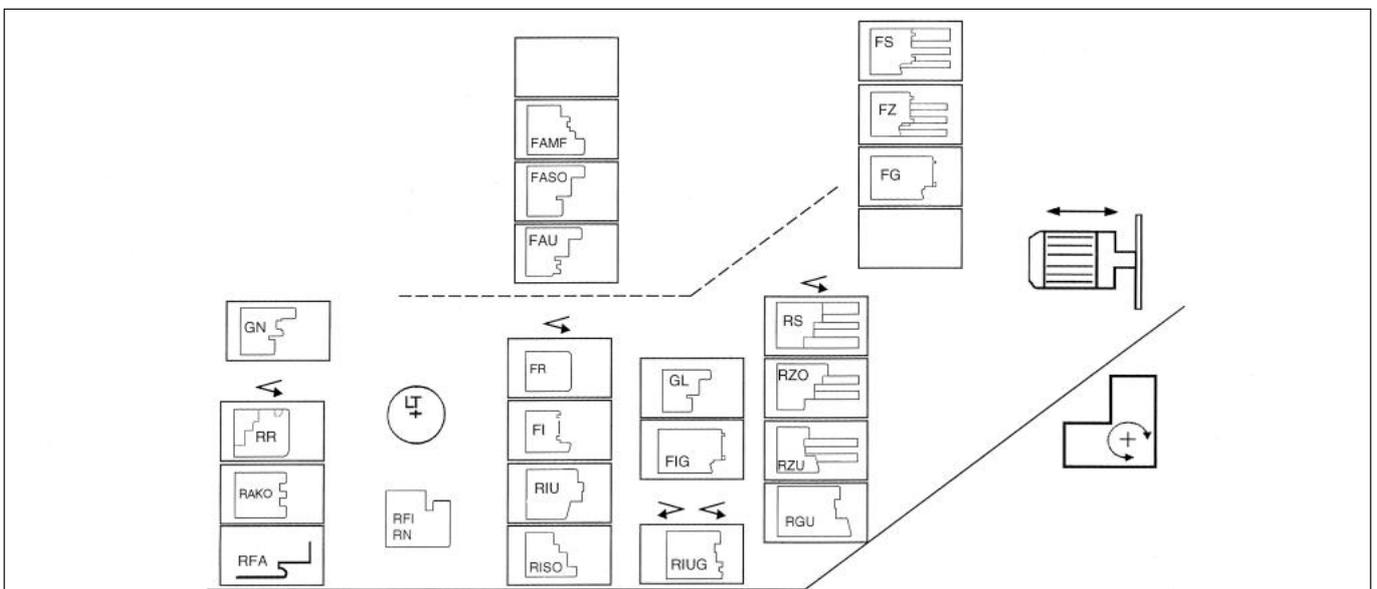
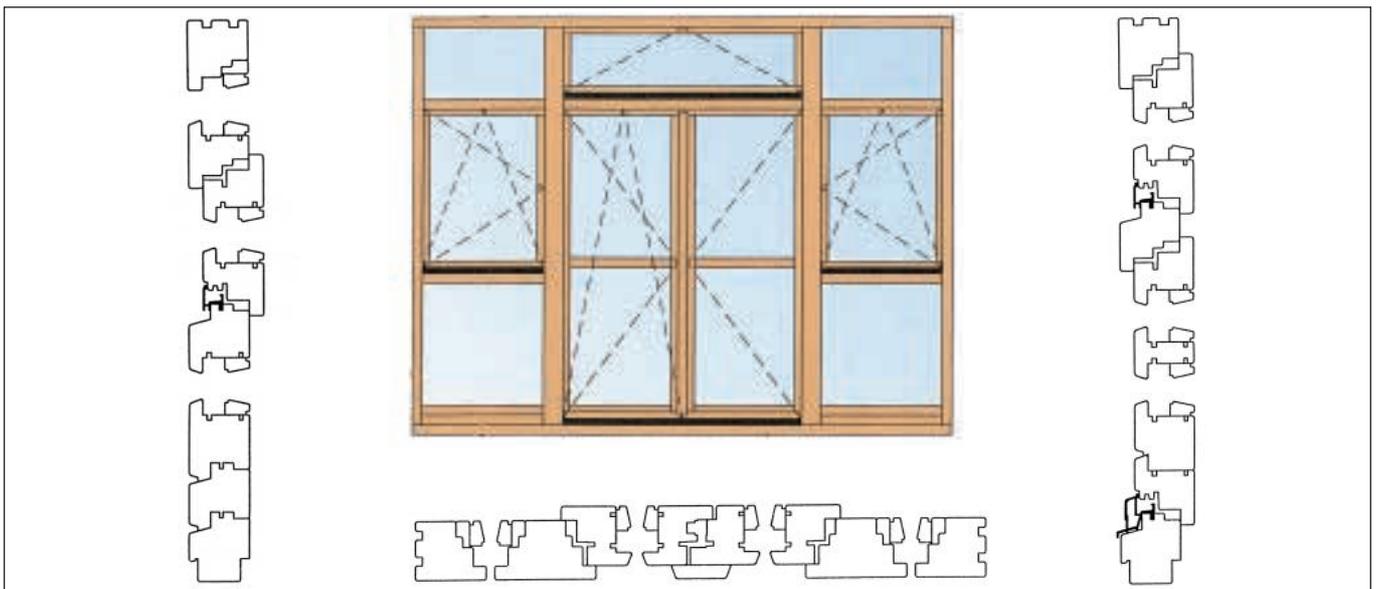
Guarantee for safety! One of the first machines to be awarded the CE certification. Produced according to the strict quality standard DIN ISO 9001. A good feeling.

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This can only be accomplished with the Unicontrol.

As the multiple action spindles can accommodate several tool sets, there is no need for any tool changes when producing different profiles. The touch of a button is all that is required to bring the necessary cutting tool into working position. It is just as easy to machine frames of random sizes one after the other.

This makes one-off production as easy as serial production of single-sash windows. Out of the many possibilities we would like to show you one example – on top, the window with its sketches, at the bottom a schematic of the tool sequence on the multiple action spindle.



More profit.

Great, the Unicontrol 6.

	Cut-off saw	Tenoning spindle spindle	Moulding spindle
Number of tools	1	3	3
Vertical spinle movement	-	2 x 100 mm	2 x 95 mm
At choice:			
Number of tools	1	4	4
Vertical spindle movement	-	3 x 80 mm	3 x 80 mm
Spindle speed	2,800 rpm	3,500 rpm	6,000 rpm
Spindle diameter	40 mm	50 mm	50 mm
Tool clamping length	-	320 mm	320 mm
Max. tool diameter:			
- zero diameter 112 mm	350 mm	320 mm	210 mm
- zero diameter 140 mm	350 mm	320 mm	232 mm
Max. tool diameter (stormproofing)	-	-	232 mm
Zero cutting circle of tooling	-	280-320 mm	112-140 mm
Zero cutting circle of tooling (stormproofing)	-	-	112-140 mm
Basic position under table	-	10/5 mm	10/5 mm
Motor capacity of spindle	3 KW (4 HP)	7.5 KW (10 HP)	5.5 KW (7.5 HP)
Motor capacity of tenoning table	1.1 KW (1.5 HP)	-	-
Motor capacity of feed	-	-	1.1 KW (1.5 HP)
Feed speed, tenoning table	-	6m/min.	-
Feed speed, moulding unit	-	-	8m/min.
Feed roller distance	-	-	120 mm
Feed roller width	-	-	50 mm
Feed roller diameter	-	-	95 mm
Fence height	-	-	70 mm
Working width	min.	30 mm	30 mm
	max.	220 mm	220 mm
Working height	min.	30 mm	30 mm
	max.	100 mm	100 mm
Workpiece length	min.	-	245 mm
	max.	-	plus 2 times tenon length 2,600 mm

Statements and illustrations in this brochure may include optional equipment. Subject to technical alterations. Safety covers partially removed for better illustration.



You can get detailed and practical information in various ways: Either at one of the many trade fairs around the world where Weinig is exhibiting, or at the factory, or at one of the Weinig subsidiaries.



Whoever needs a spare part for any machine ever built by Weinig in the past years can be sure. It will be on its way right after your order is places.



There is no place on earth too far away for a Weinig employee to install a machine, provide the necessary operator training and help in every aspect. Weinig offers more.

The Weinig Group (Weinig, Waco, Dimter) is among the foremost manufacturers of woodworking machines worldwide - number one where planers/moulders are concerned. Whoever orders a Weinig knows what he is getting. Each Weinig machine is designed for many years of dependable service. Hardly any other machine has such a high resale value. (We even pay you a top price for your second-hand Weinig.) The after-sales service is unique. If you need a spare part for any Weinig machine built during the past years, you can rest assured that shortly after sending the order in, it will be on its way. Every year, thousands of woodworking experts from all over the world use the opportunity to brush up on their knowledge to the latest standards with the assistance of the experts in the Weinig demonstration and training center.

Useful accessories

- Glazing-bead saw
- Grooving unit in special execution
- Climb-cutting spindle with both conventional and climb-cutting
- Increase of motor capacity for all spindles
- Support fence for glazing bars
- Pressure ruler independent to width
- Electronic length stop

Great all-round service

- ☺ Expert advice
- ☺ Comprehensive training
- ☺ Reliable customer service

The Weinig Group:

Unmatched expertise and quality for solid wood processing

- **Weinig:** World market leader for automatic moulders

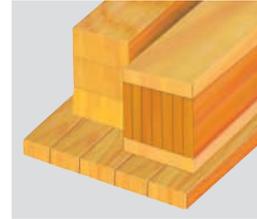
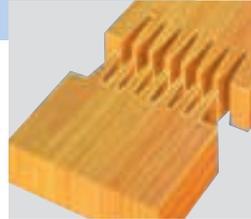
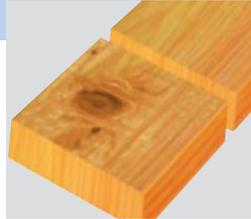
- **Waco:** The No.1 for high-speed planers and moulders

- **Grecon:** High-capacity finger jointing lines

- **Dimter:** The specialist for optimizing cross-cut saws and laminating presses

- **Raimann:** Top technology for length cutting

- **Concept:** The experts when it comes to turnkey projects



More information about Weinig Unicontrol 6: Fax +49 (0) 9341/7080

- Please send me detailed information
 Please arrange a personal consultation

I am interested in

- The entire range of the Weinig Group
 The Weinig range
 The Waco range
 The Grecon range
 The Dimter range
 The Raimann range
 The Concept range
(please mark with "x")

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Weinig offers more!



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