

Weinig is Weinig plus Waco plus GreCon Dimter.

Nowhere in the world is more know-how in solid woodworking concentrated than in the three successful enterprises of the Weinig Group. Visit Weinig in Tauberbischofsheim. You will experience how the most popular moulders in the world come off the assembly line. In the demonstration and training center, like many thousands of woodworkers every year, you will learn the latest developments. Do not miss the opportunity either to visit GreCon Dimter when you are in the vicinity of Alfeld or Illertissen.

There you will find out what the latest optimizing cut-off saws, finger-jointing lines, panel gluing and lamelling facilities can do. And if you happen to be in Sweden, have a look at Waco in Halmstad. There you will see how the world's fastest and most powerful planers and moulders are made. And band resaws. You are always welcome at the Weinig Group. Let us know when you are coming.



Ask Weinig

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The powerful extras for Weinig moulders

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How to make a powerful machine even more powerful.

Every one of Weinig's moulders is a complete fully functional unit. Each moulder has been designed as a general purpose machine.

Each of them, however, has the possibility of being modified to a machine for specific applications. Weinig's designers have created a full range of "extras" for this purpose. Nobody can do it as well as they can. Because nobody knows Weinig's moulders as well as the people who develop them and perfect them.

Weinig's planers and moulders can thus be converted and expanded for very specific jobs, for unique applications and individual solutions. They become the customized production machine for the special demands of your plant.

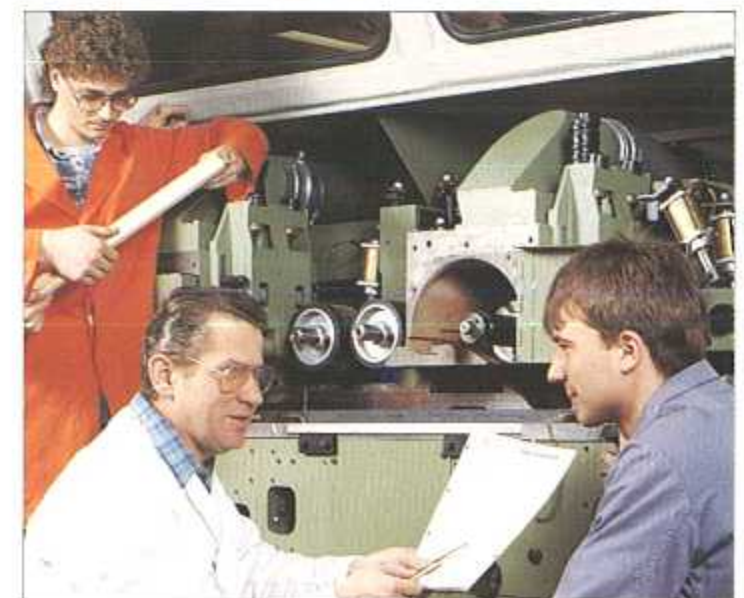
You can make use of this opportunity. This brochure describes the many "extras" you can select that best meet the needs of your business.

We are ready to assist you in deciding which options will help make your operation more efficient. Just complete the attached inquiry card and return it to us. We will prepare a thorough analysis of an optimum solution for you.

Weinig offers more.

Weinig. Champion of all leagues.

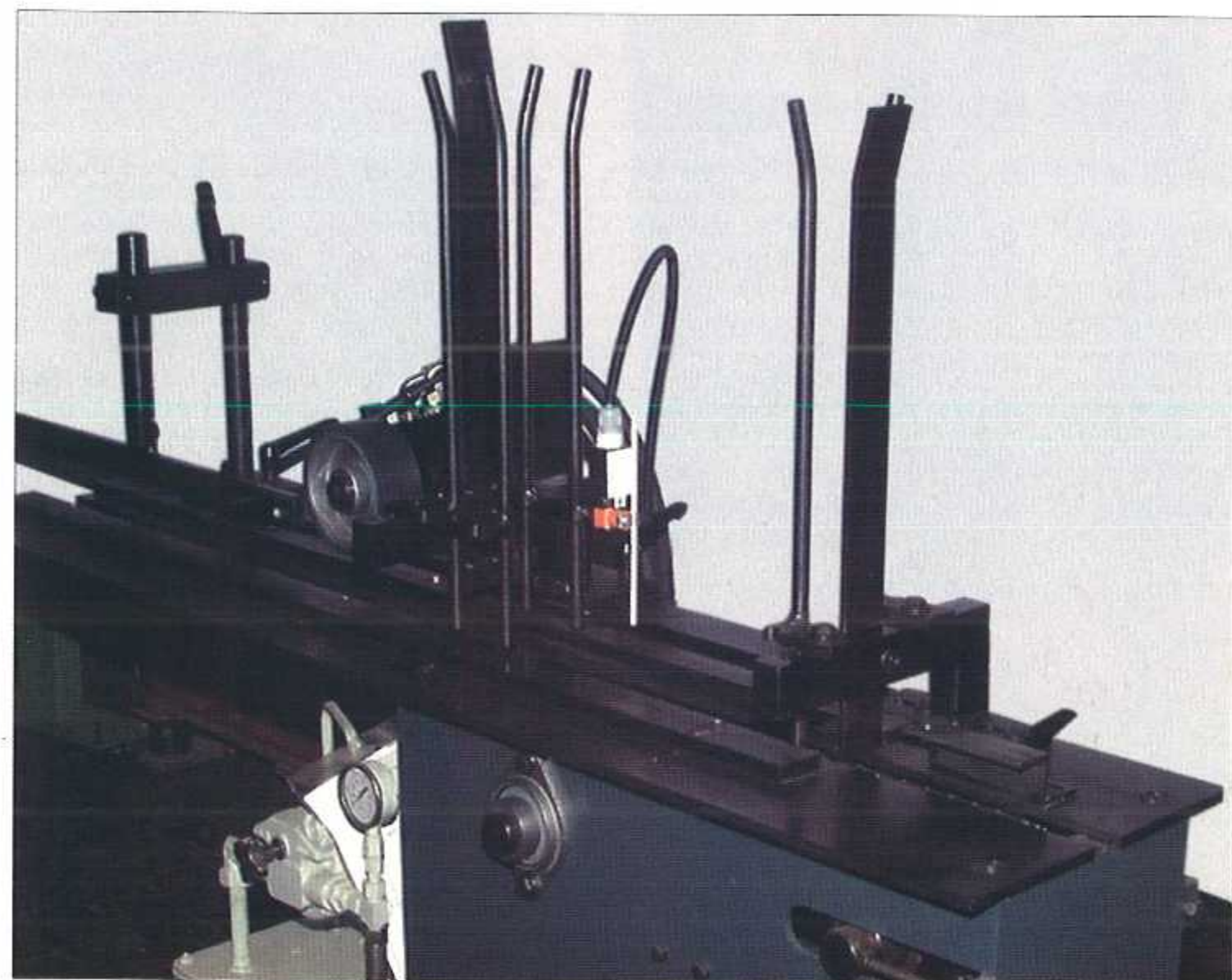
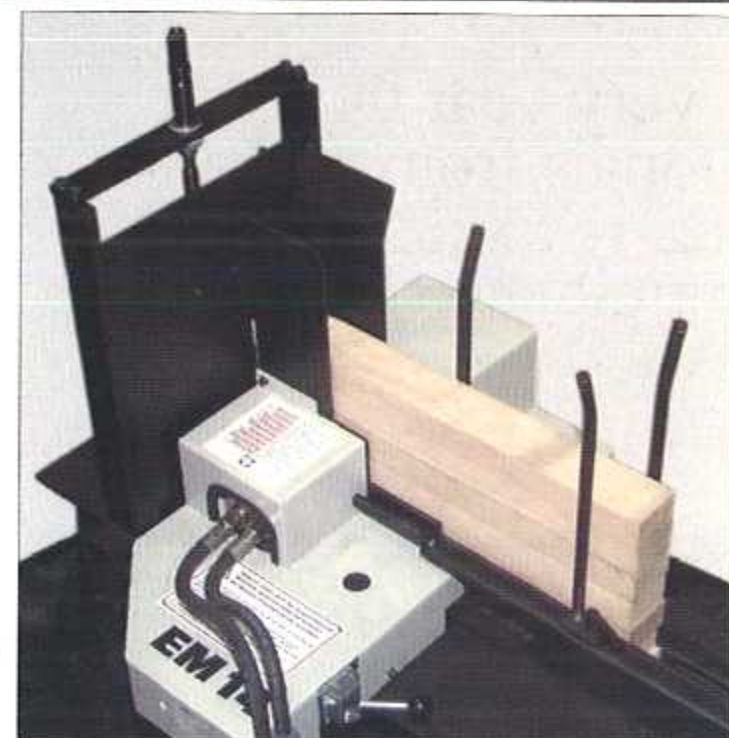
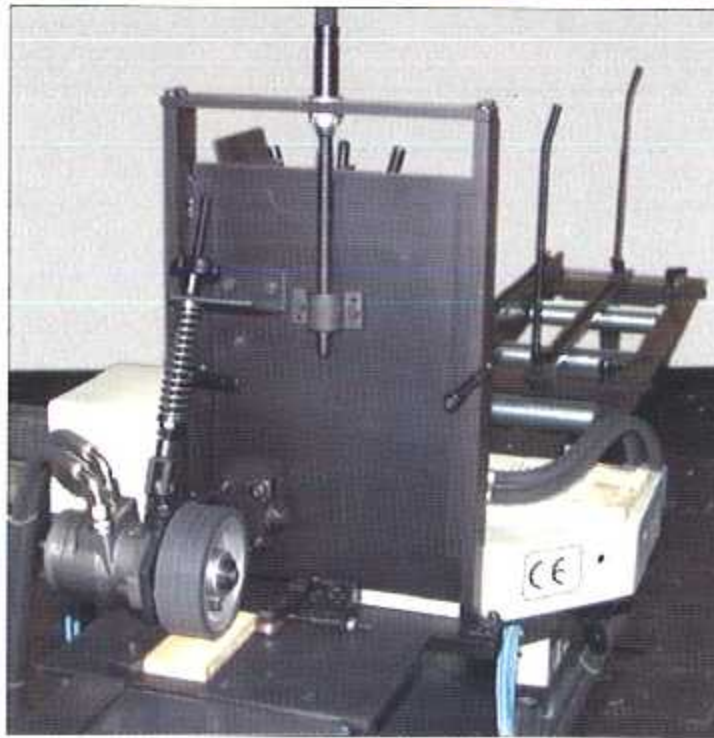
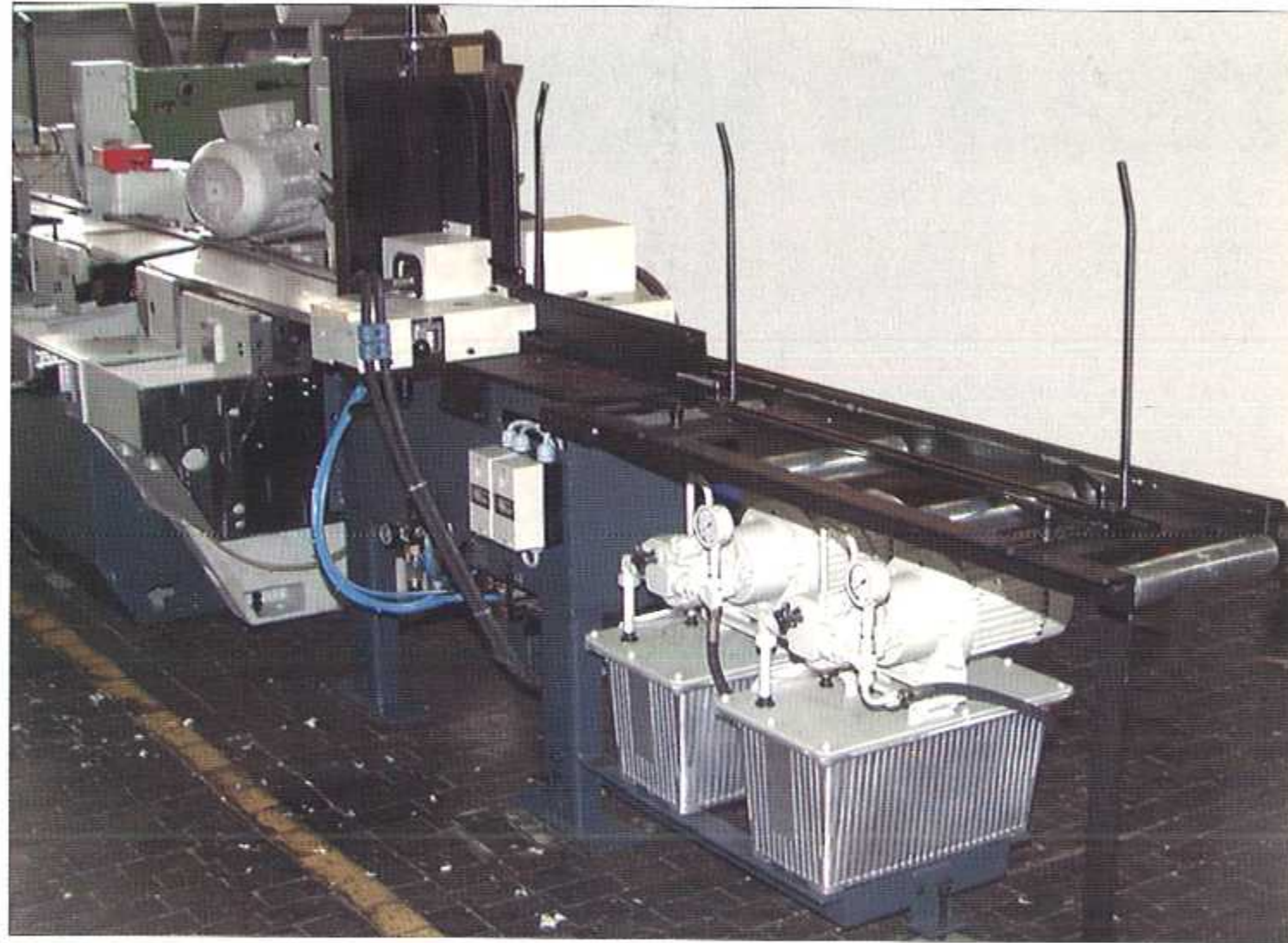
The Weinig Group (Weinig, Waco, GreCon Dimter) is one of the major suppliers of woodworking machines worldwide. It is the number one for moulders. When you order a Weinig machine, you know what you are going to get. Every Weinig machine is designed to last for many years of non-stop operation. No other moulder has such a high resale value. The after-sales service is unique. Rest assured that if you need a spare part for any machine built during the past years, it will be on its way shortly after you place your order. Every year thousands of woodworking professionals from all parts of the world use the opportunity to come to Weinig's demonstration and training centers to update their knowledge by the experts.



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

Weinig EM 14

For the transport of workpieces of even length into a machine with short feed table. For timber dimensions of 150 - 3000 mm length, 20 - 210 mm width and 12 - 50 mm thickness. The magazine is mounted directly in front of the short feed table of the moulder. The capacity is determined by the length of the parts, their cross section, the weight and height of the stack. The hopper feeds can be retrofitted to most planers and moulders.



Weinig EM 13

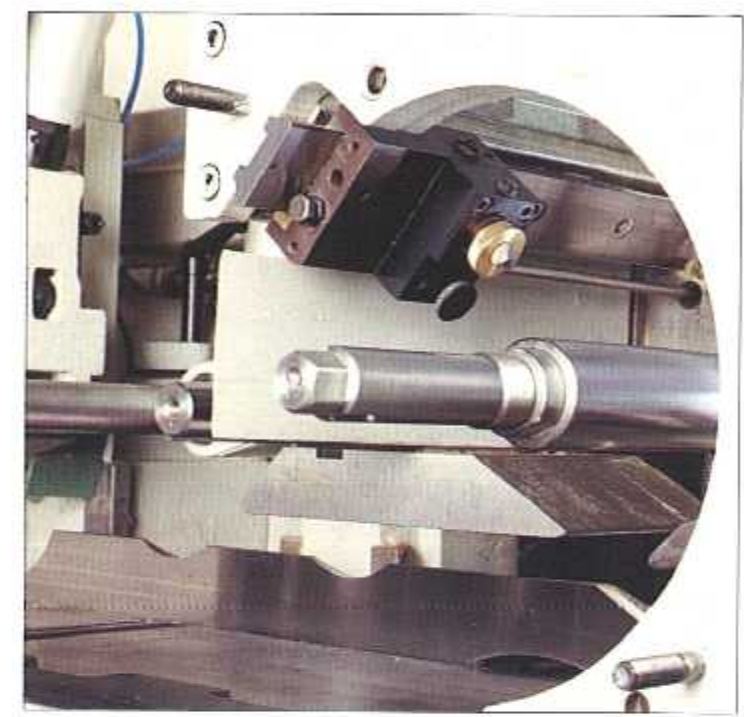
For the transport of workpieces of even length into a machine with short feed table. For timber dimensions of 180 - 1000 mm length, 35 - 125 mm width and 10 - 50 mm thickness. Equipped with an adjustable hold-down rail for short workpieces. The feed rate is adjustable. The feed as well as the transport roller drive are hydraulic.

The Weinig Jointing System - remote-controlled operation

In high-speed production the finish of the workpiece is determined by how many of the knives in the cutterhead have exactly the same cutting circle diameter. The tool life is determined by how accurately and controlled the jointing is performed. The Weinig jointing system helps you achieve both. It guarantees repeat profile accuracy, long tool life and super surfaces. The straight jointers as well as profile jointers are remote-controlled from outside the enclosure with the safety hood closed. The jointer controls are located at the front of the moulder on one level; operation is simple and flawless.

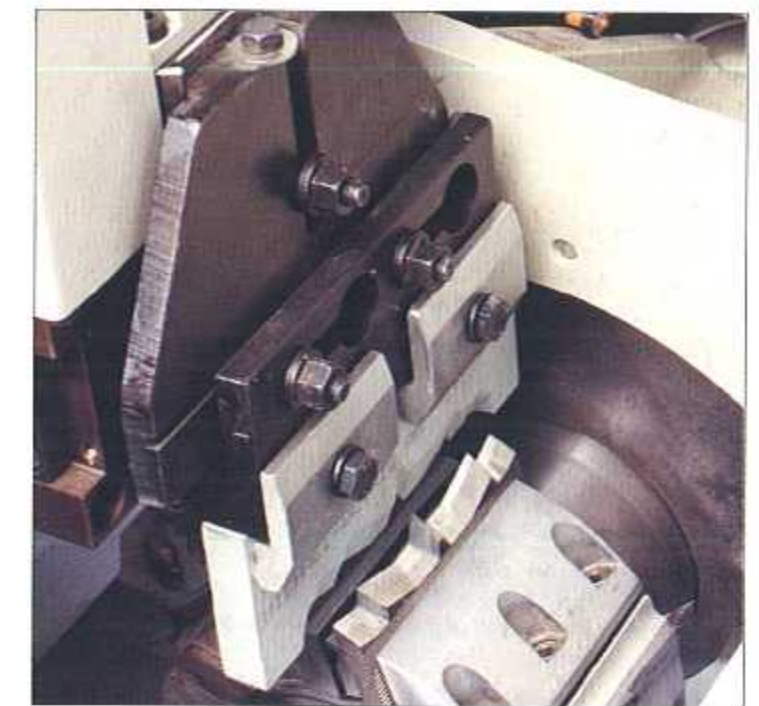
Straight jointers and profile jointers are built into the machine. No combination jointers that compromise quality. This saves the time-consuming conversion from the straight to the profile jointer. Less set-up time!

The jointing stone is mounted in a cassette which is removable so that you can align the jointing stones with the profile knives in the cutterhead outside the moulder. The jointing stone in the cassette can be aligned perfectly to the profile tool with a common axial reference point in the toolroom. This saves expensive down-time as your moulder can produce without a break and increases its productivity tremendously.



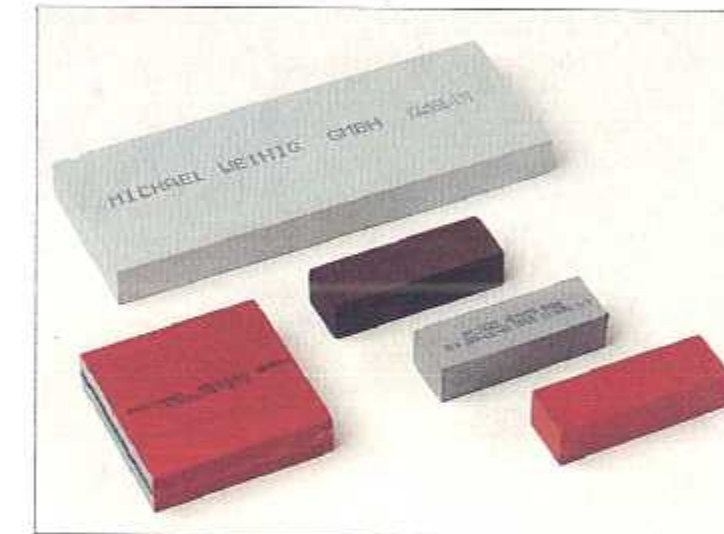
Remote-controlled straight jointer

Remotely operated straight knife jointer with automatic joint stone advance at both ends of stroke guarantees fast, precise operation. Optimum results in planing quality. Operation with the hood closed.

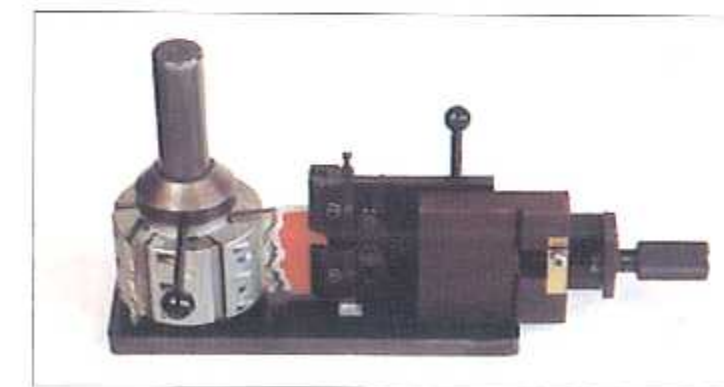


Remote-controlled, automatic profile jointer

Remote-controlled, automatic profile jointer (part of Weinig's Auto-Joint system) advances the jointing stone 0.015 mm with every stroke of the jointer advance, thus eliminating the guesswork of manual jointing and increasing tool life.



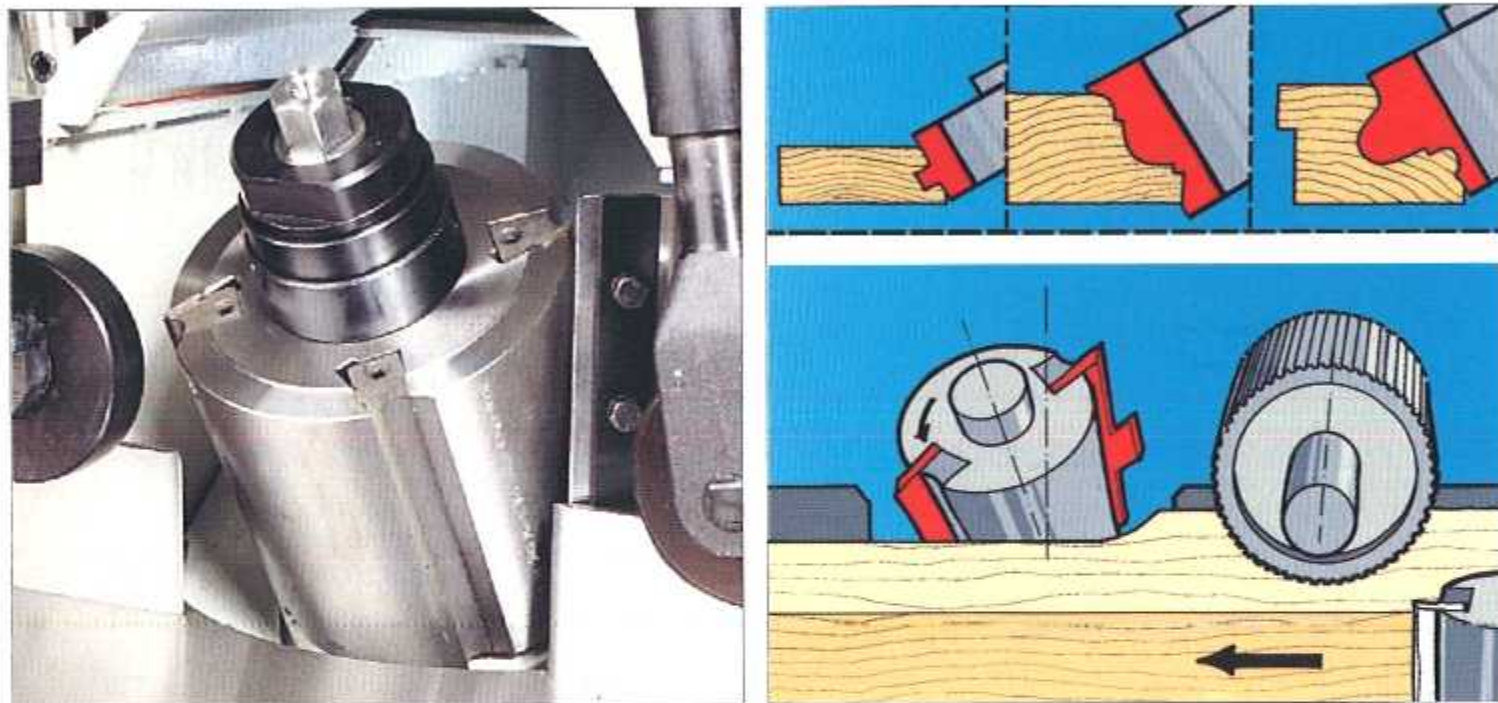
Jointing stones



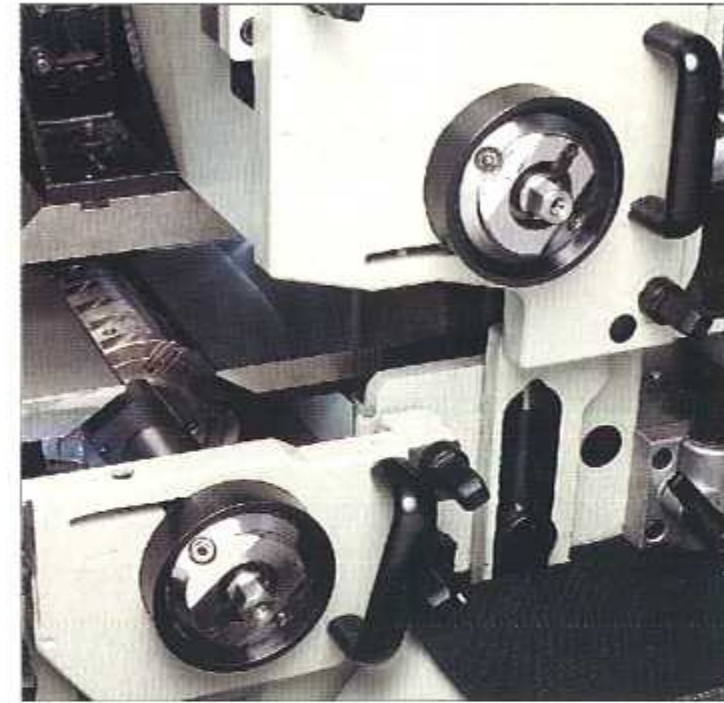
Jointer presetting device



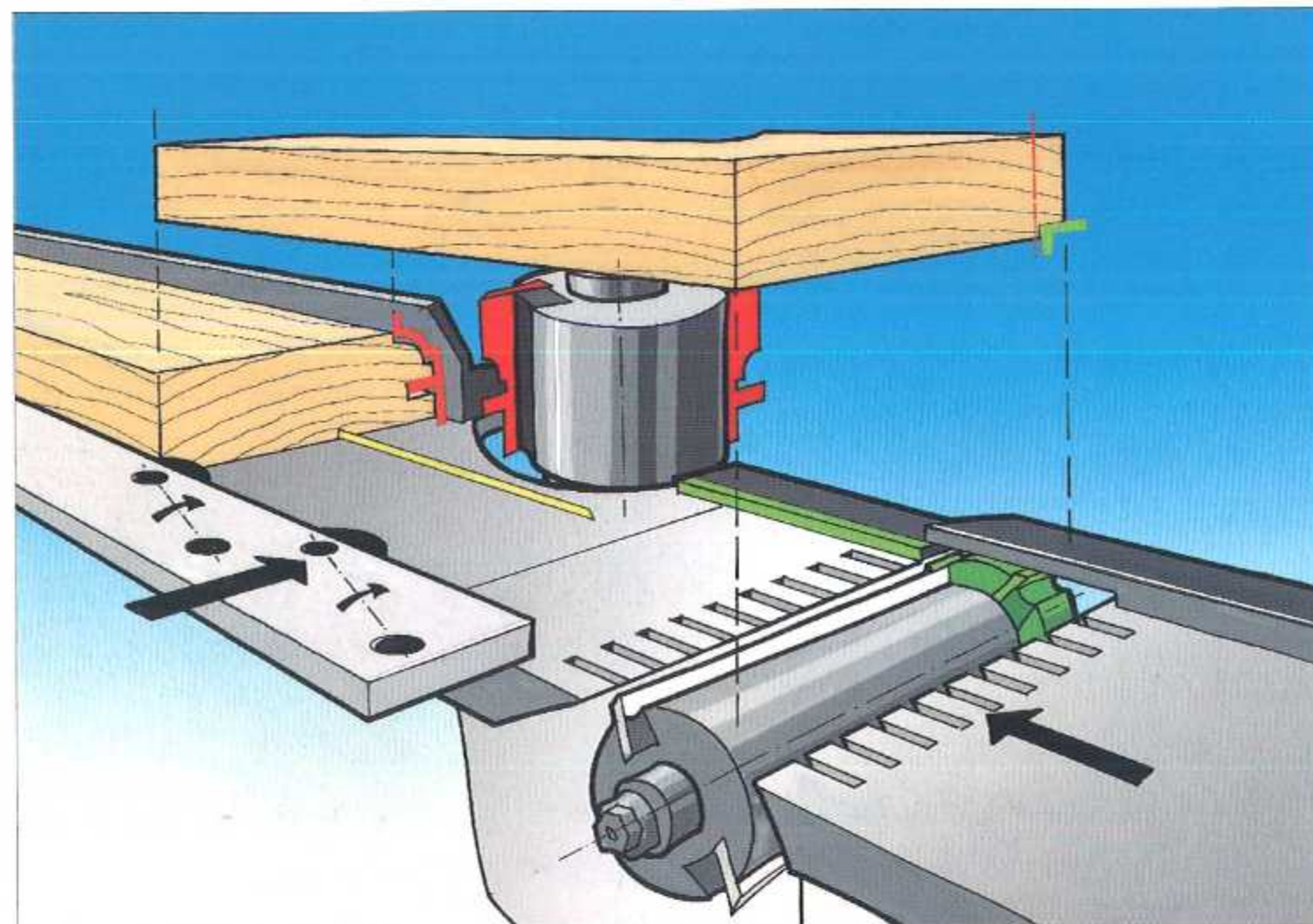
Jointing stone cassette



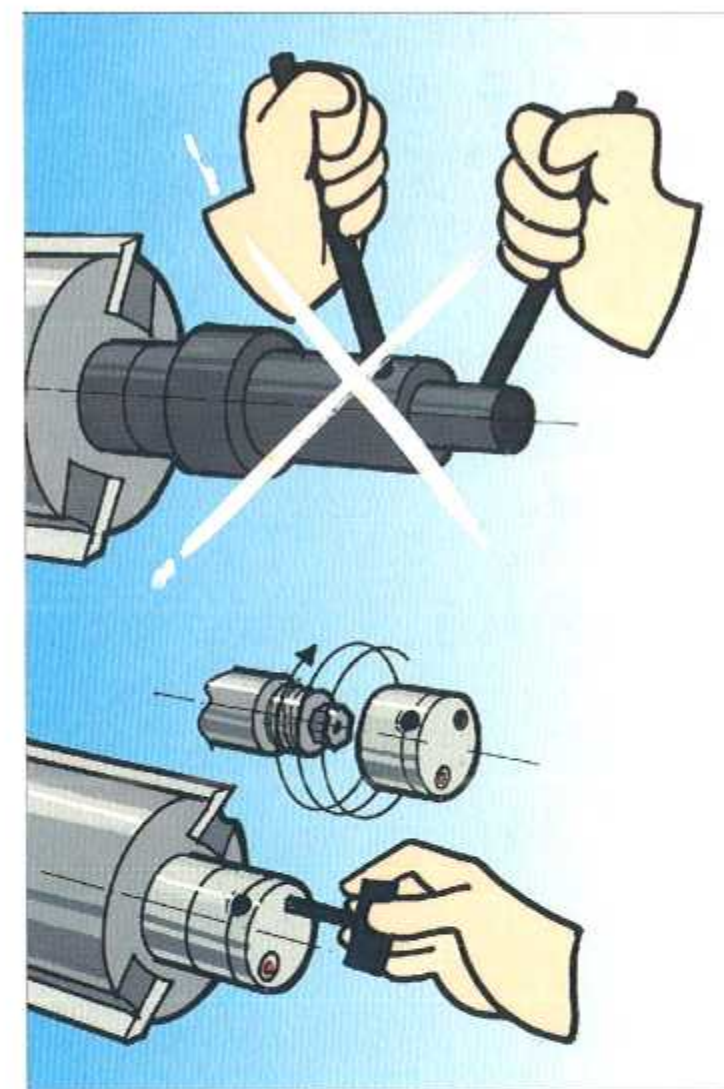
Second right spindle tilting up to 45°
With it you can produce complicated profiles, including angles, with a superior surface quality.



Outboard bearing
New outboard bearing design with auto clamping for the bearing plate guarantees top finish quality over the entire working width for wide boards, hardwoods or deep profiles. Even at high feed speeds with jointed tools. Axial adjustment is possible while the outboard bearing is clamped due to the movable outboard bearing bushing.



Straightening spindle with rebate cutter and slotted table plates
The rebate cutter provides a reference cut for increased straightness and edge-gluing accuracy. The special table plate design helps reduce noise.



Hydraulic quick clamping counternut
Evenly clamped tools. Easy handling. Quick tool change.

ensure your moulder



Automating the unstacking process
The lifting table facilitates feeding the moulder. Tilt unstacking is recommended for speeds of more than 80 m/min, moving layer after layer in a favourable position to the operator. A fully automatic unstacking system is also offered pushing off the layers in lengthwise direction without any manual intervention.



Automating the processes of end trimming and cutting to length
Cut-off saws are available as one-sided or multiple saws. They independently carry out both final end cuts or produce multiple short fixed lengths ... or according to specified modular dimensions.



Feeding the moulder.
Reasonably priced lateral chain feeders for feeds up to 80 m/min are available. Higher feed speeds upon demand. Cross-conveyors with or without automatic separating systems are used for higher feed speeds on heavier workpieces, and can be combined with various high-speed accelerators.



Automating the cross transfer process
A variety of products demands a variety of solutions - which we can offer. The functions of the cross transfer can be assumed by arms, cylinders, belts or chain feeders, or even flippers and slideway fences. Directly connected do the cross transfer is the turning and lowering of workpieces. Sliding or dropping of parts can be integrated as well.



Automating the bundling process
When a marketable presentation is demanded: Semi-automatic as well as fully-automatic bundling systems are offered, for bundles of slats and for packages of tongue-and-groove goods.



Automating the stacking process
A semi- or fully-automatic stacker can be selected depending on the output of the planer or moulder. The major stack which may be made of small packages or bundles is produced fully automatically. A special stacker is available for the mini-packs that are always in demand in the market.



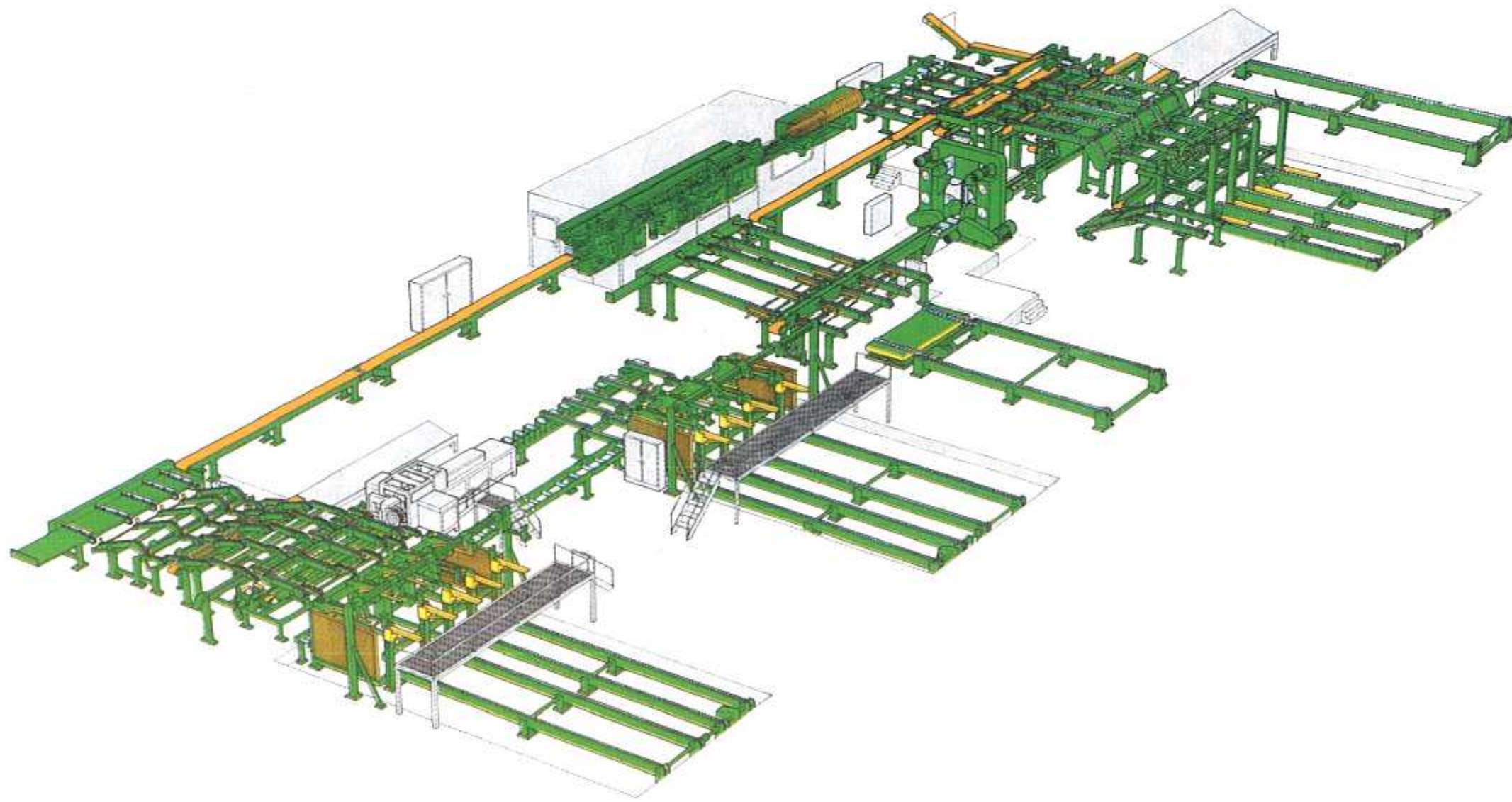
Material transport.
Various devices are available for the lengthwise and cross transport of raw and finished products. Roller paths or conveyors transport in lengthwise direction; their design depends on the weight of the workpieces. The cross conveyors were given extra attention keeping in mind that they have to move finished individual parts or packages without causing any damage to them.



Automating the bundling and packaging process.
The lengthwise bundler manages up to three packages per minute. Cross bundlers have a higher throughput. Small bundles are tied with cord or plastic strips. Shrink wrapping is recommended for high output and stretch foil wrapping for lower capacity.

Ask for the special brochure!

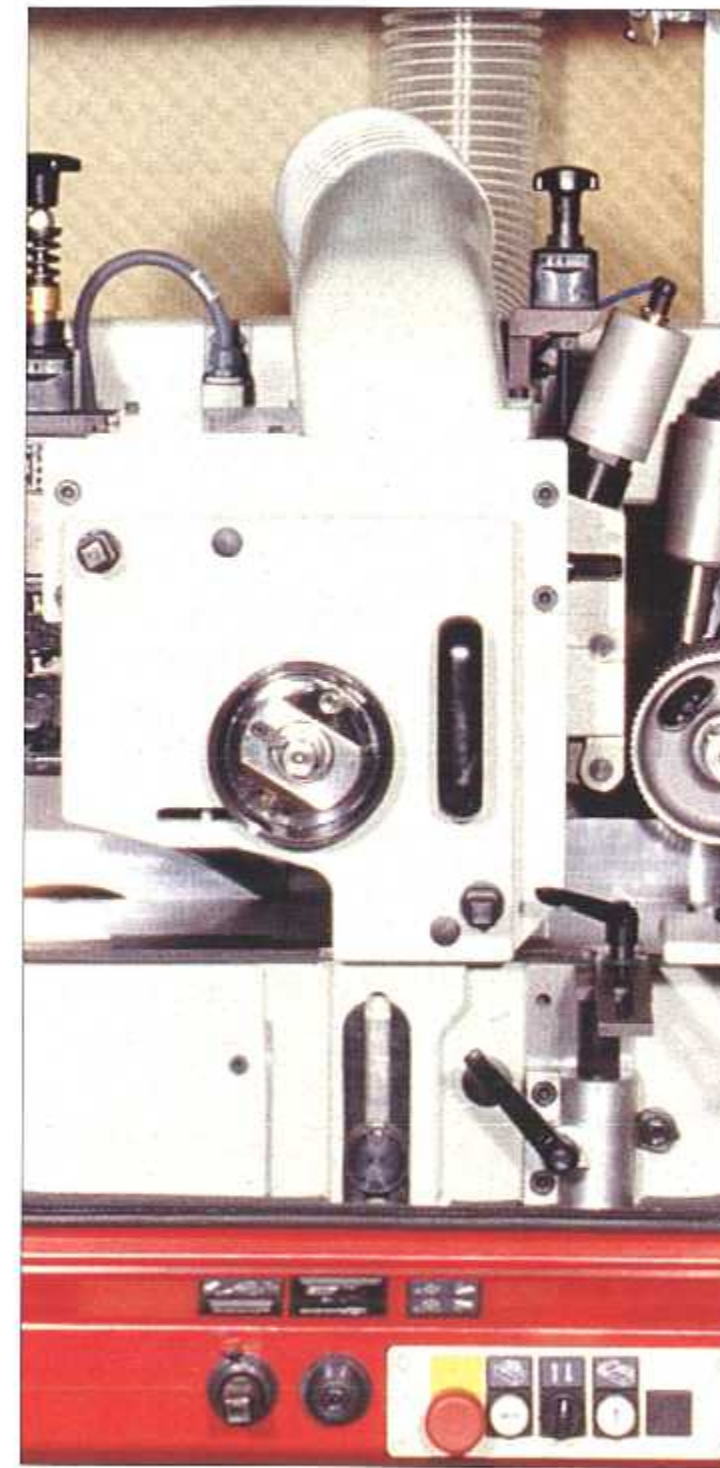
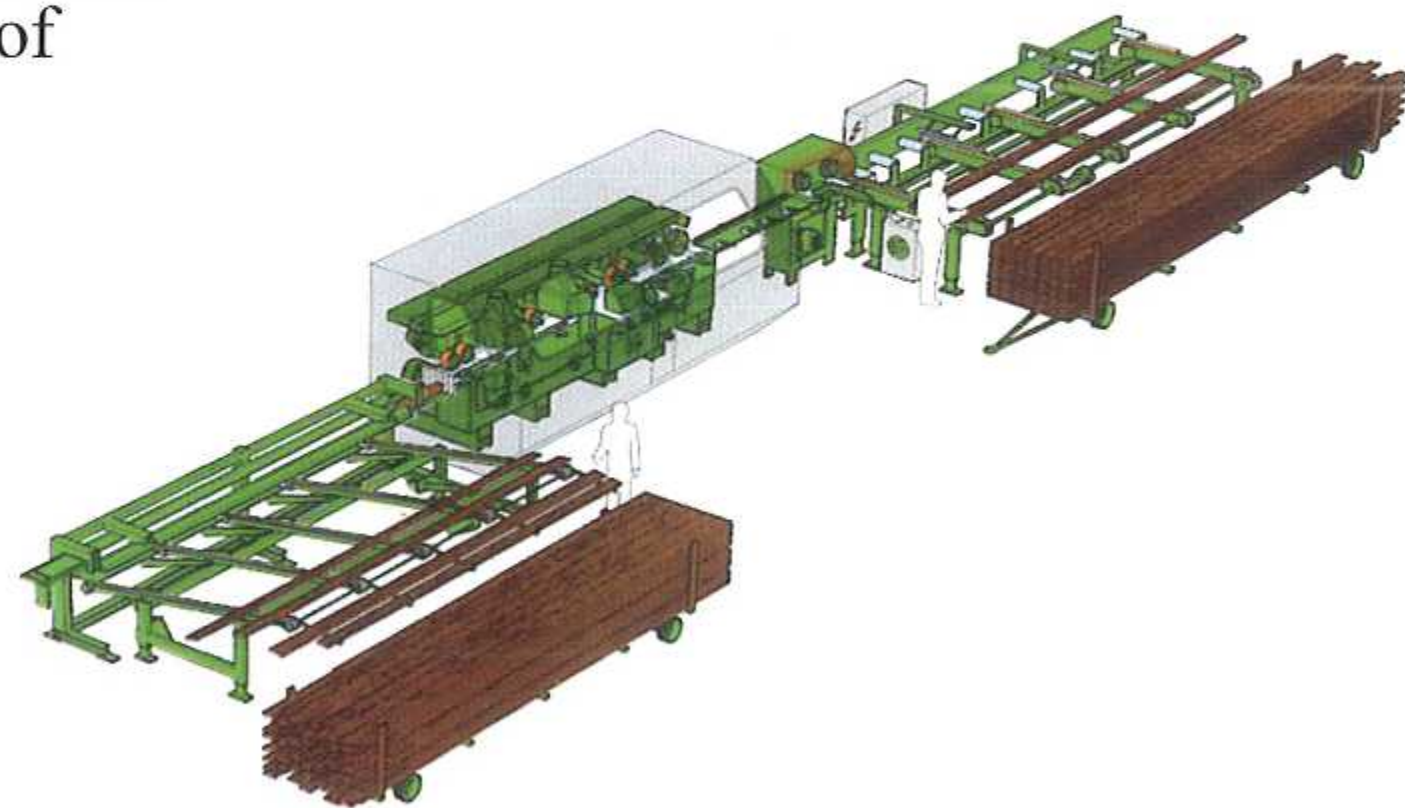
Non-stop production! To produces at full capacity



No one can feed one of Weinig's high-speed moulders as fast as it can process material. And no one is fast enough to pick up as many planed or moulded pieces at the speed they come out.

Therefore you should not just think of a Weinig moulder but also of

Weinig material handling equipment. They are built to the same high standards as the moulders, and they are customized to your special requirements by Weinig's project engineers.



Hydraulic clamping of the spindle support and the outboard bearing

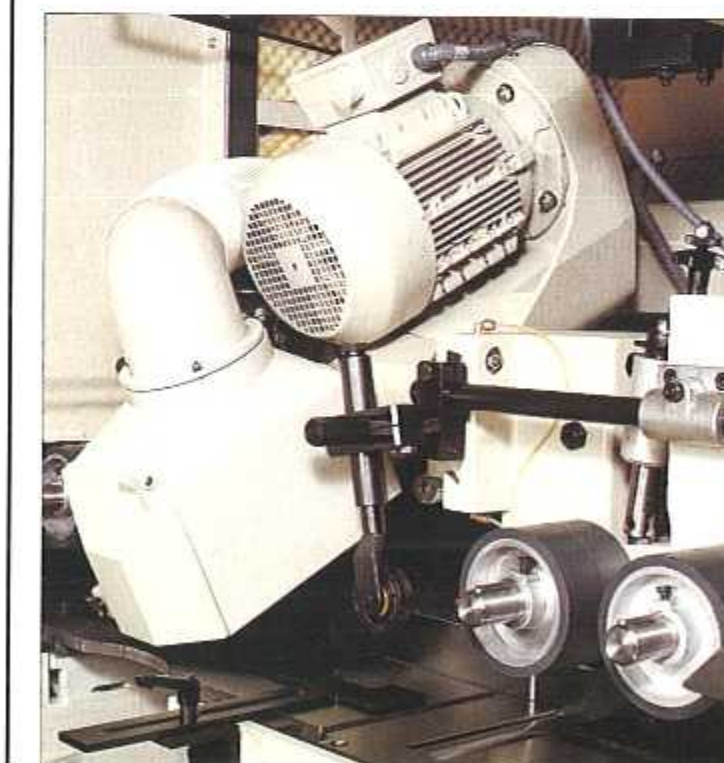
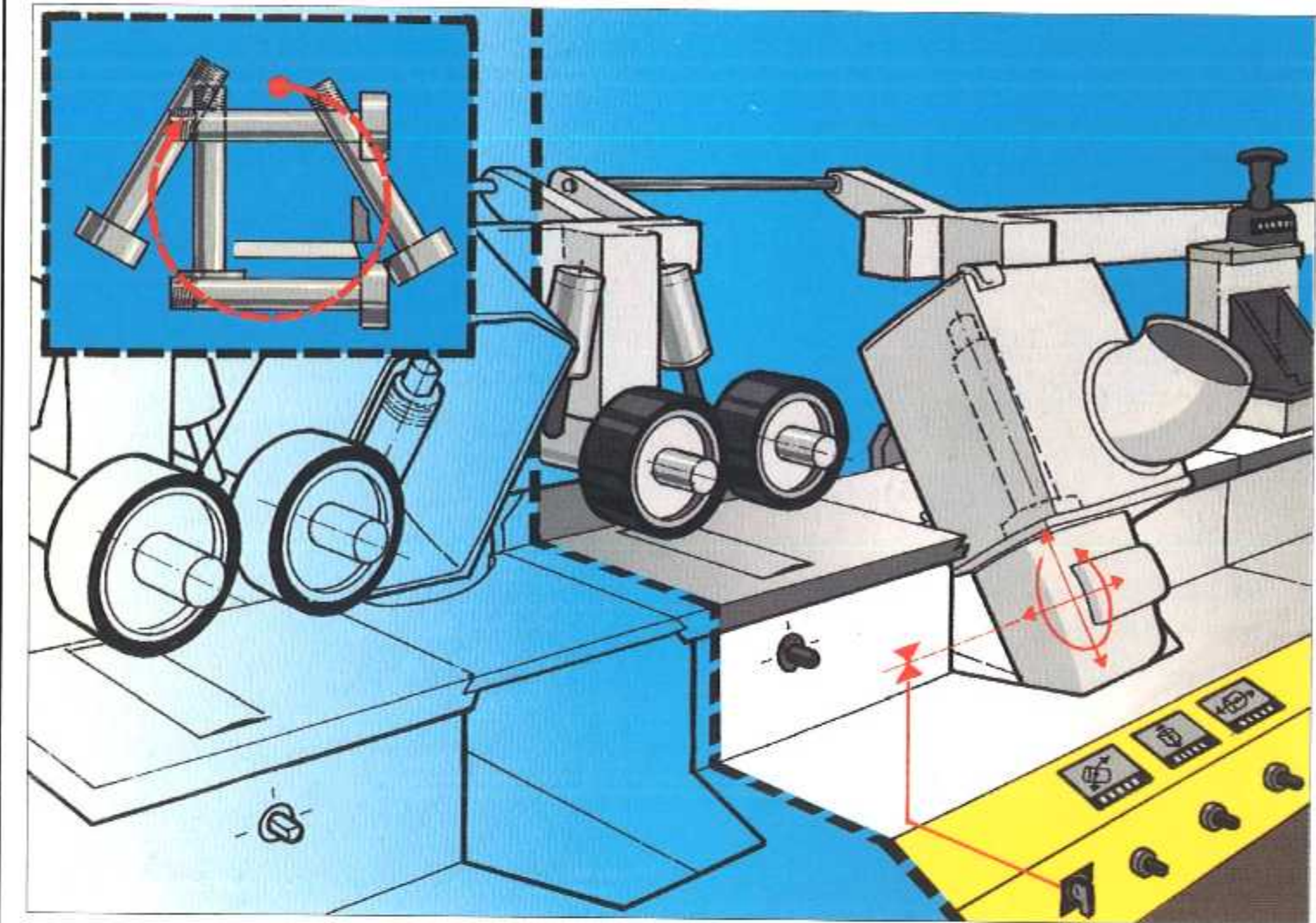
High finish quality even under heavy load and at maximum working width. Saves set-up time and minimizes operating errors during axial and radial adjustment.

Universal spindle: An additional spindle on each side!

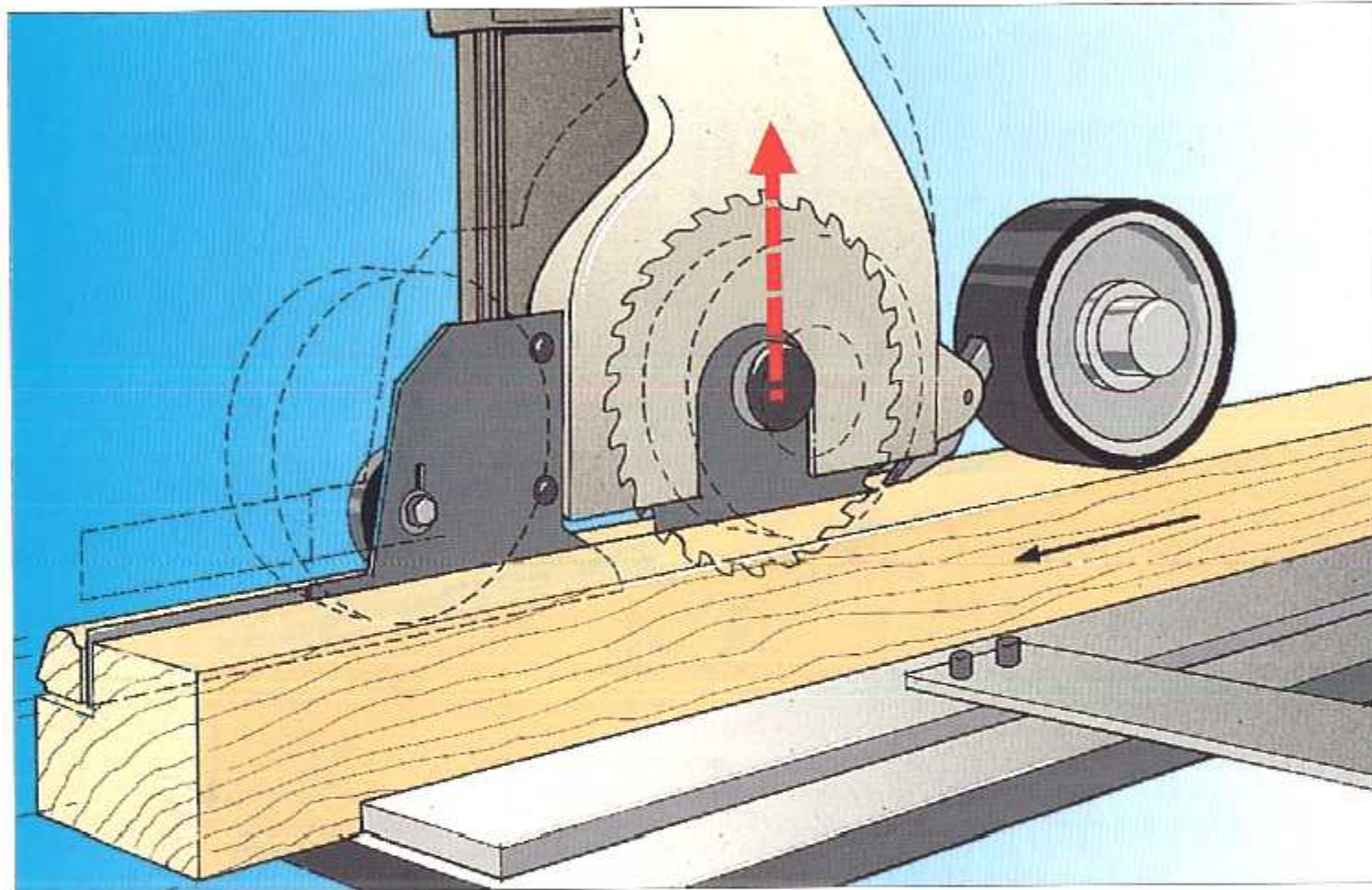
You can use it at the top. You can use it at the bottom. You can use it on the left-hand side, you can use it on the right-hand side. You can use it at an angle. This multi-purpose spindle greatly expands the options you have with your moulder. For example, when you want to produce a profile with an undercut or a profile requiring a saw kerf set at an angle. Can also be used for rip-sawing.

You can set this spindle from the front and then lock it in any position by pressing a button.

With a second universal spindle you become even more flexible and can produce even the most complicated profiles in one pass.



Large suction hood for the universal spindle
For large cutting tools and saw blades.

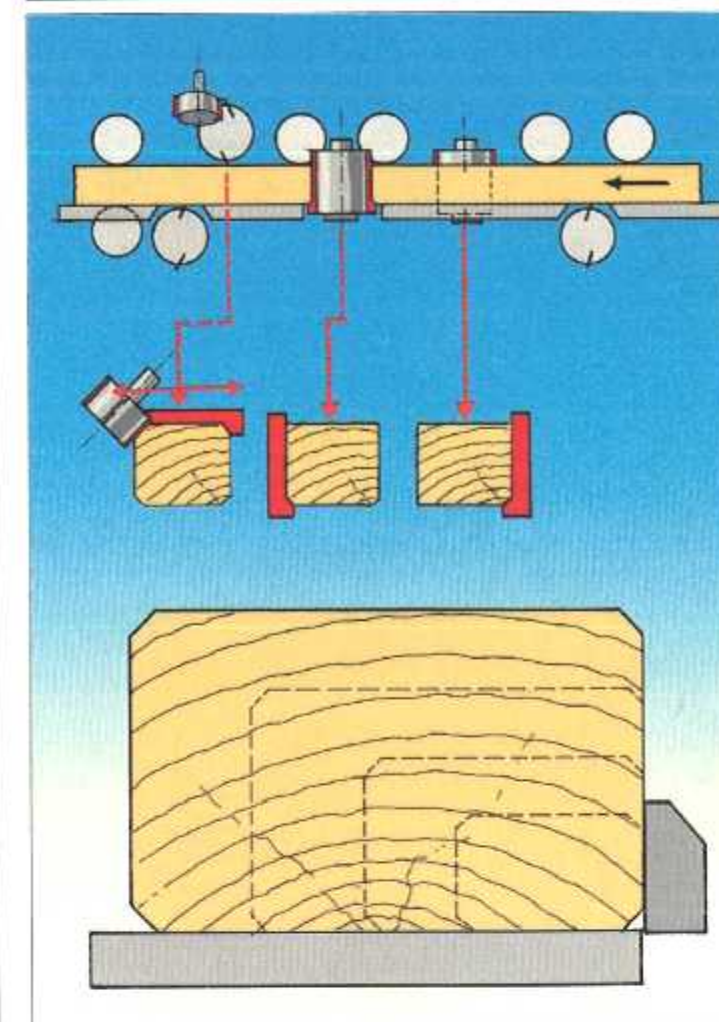
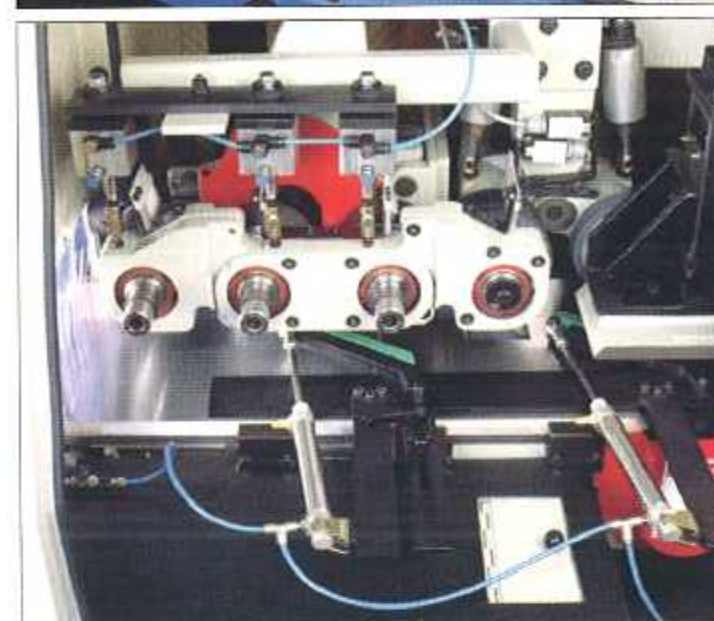
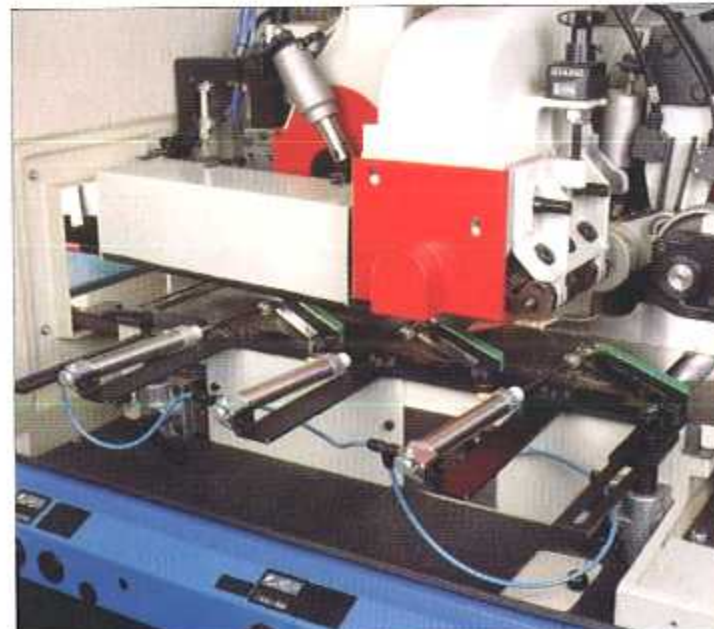


Glazing bead saw, automatically linked together with glazing bead removal

Indispensable for the window industry. The glazing bead saw (right), together with an anti-kickback device, cuts out the glazing bead exactly, safely and true to profile.

Additional options:

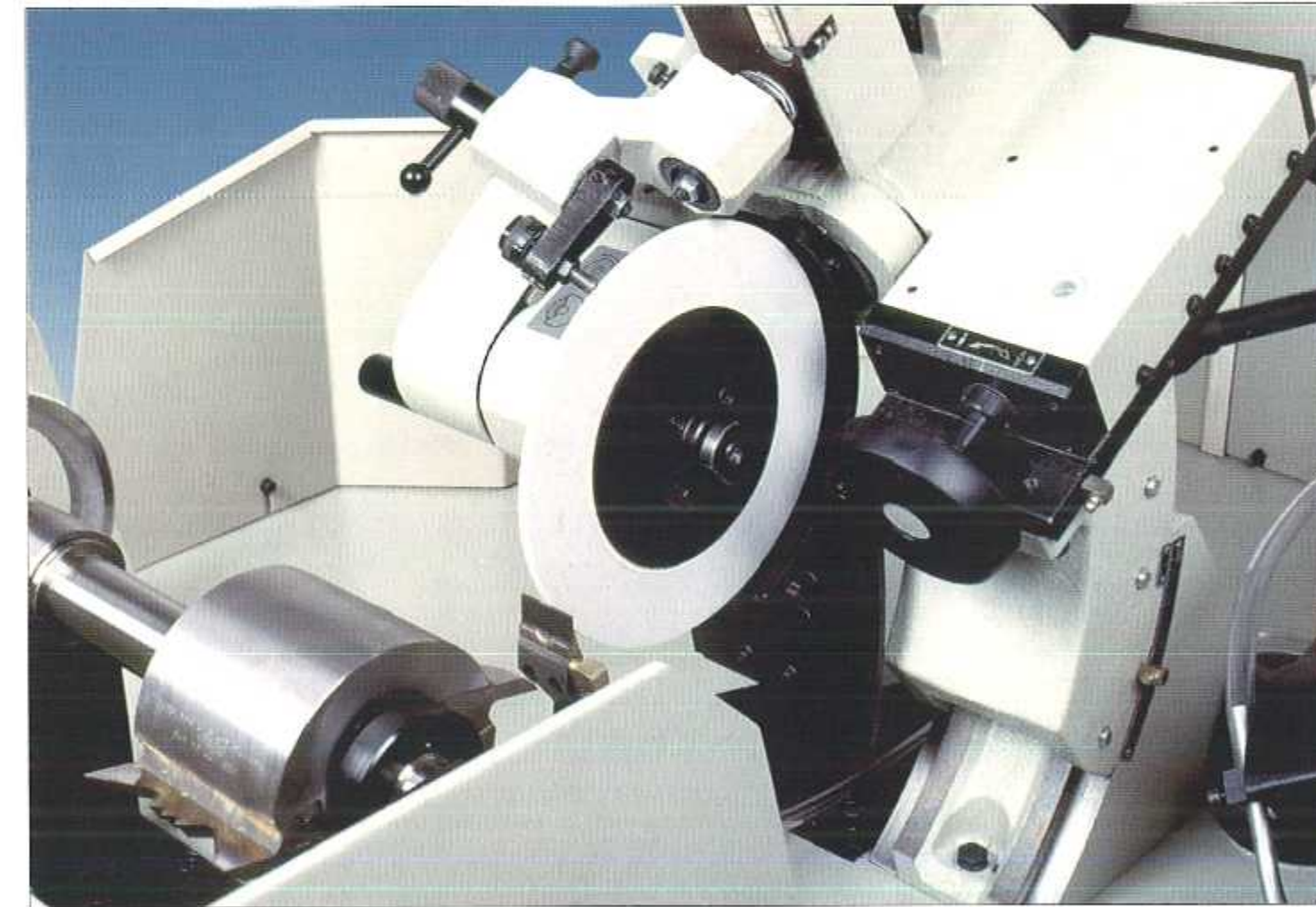
- Glazing bead saw can be linked on the right- and left-hand side for constant timber widths.
- Glazing bead saw can also be set to produce strip widths to any position according to the width of the moulder.



Chamfer unit

Workpieces can be chamfered on four sides in one pass. Saves time! No tool change required for different workpiece widths or thicknesses.

It must be a Weing grinding machine when it is a question of time and precision



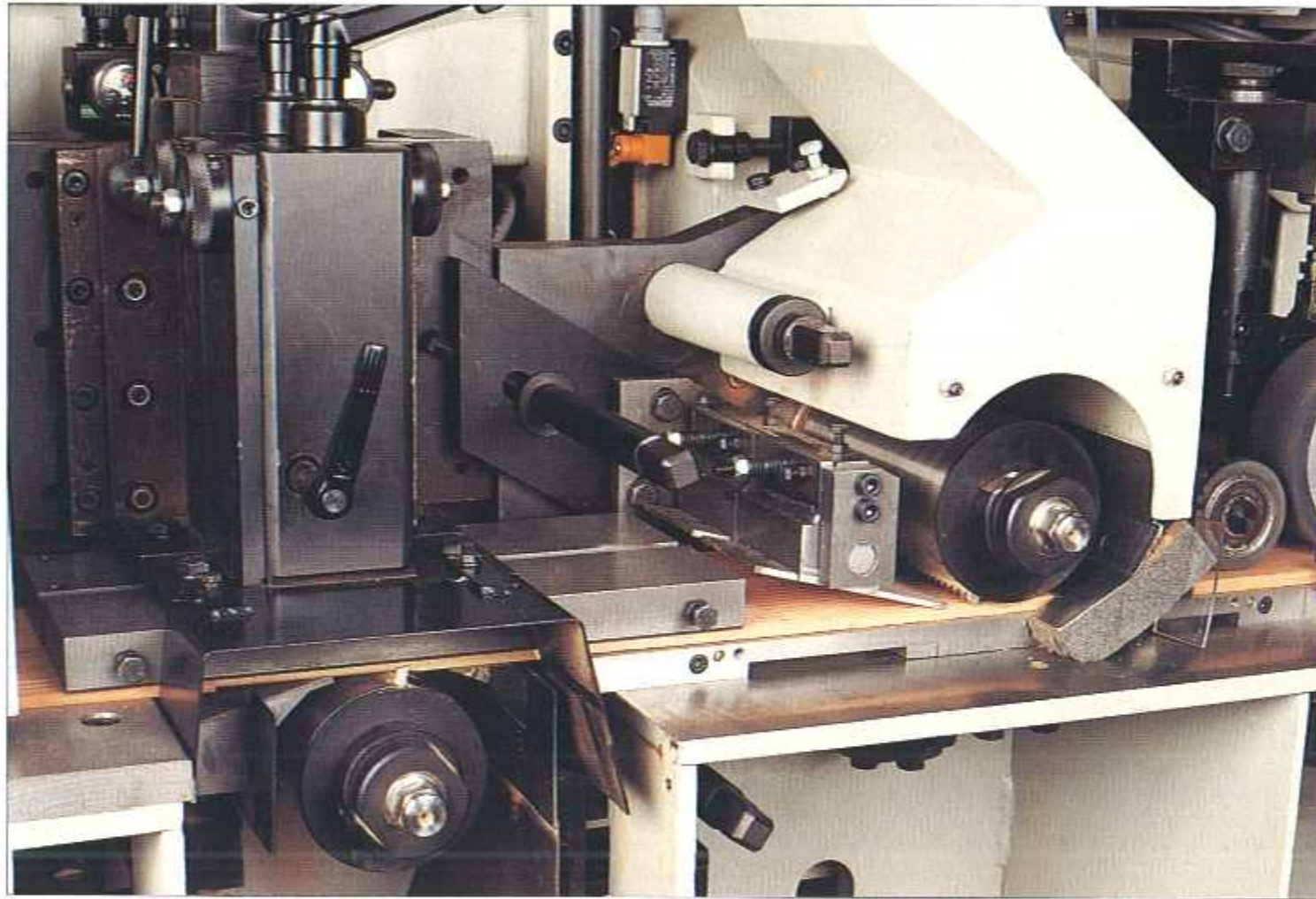
You need the Weing Rondamat.

New mouldings, ordered in the morning, can be delivered that same afternoon. Because the Rondamat makes the profiles for you in no time at all and keeps them sharp. At the same time you achieve a super finish. You have the choice between different models, from the economical to the most sophisticated automatic machine, from the specialized Rondamat. Only for straight knives to the Rondamat for profile knives and straight knives.

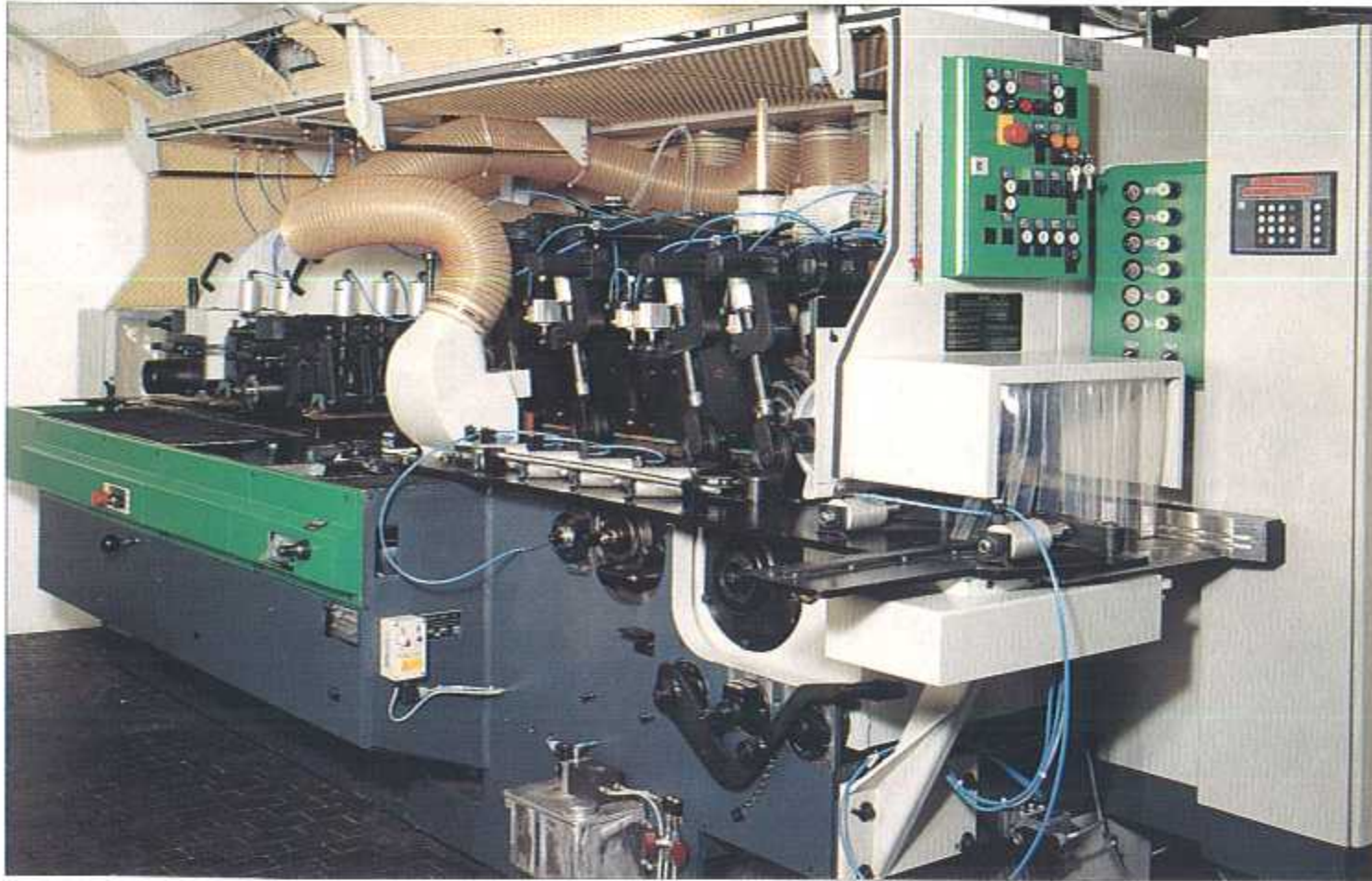
The grinder range:

- Weing Rondamat 950, an economical model for your own straight and profile knife manufacture.
- Weing Rondamat 960, with which you can make and regrind your profile knives and straight knives with top precision.
- Weing Rondamat 970, the automatic machine that produces profile knives and automatically regrinds them. Also makes steel profile templates.
- Weing Rondamat 912, the numerically controlled automatic grinder for planer heads and face grinding mill-to-pattern profile knives and fingerjoint knives.
- Weing Rondamat 909, the automatic grinder for planer heads.





Special machine for the manufacture of dowels



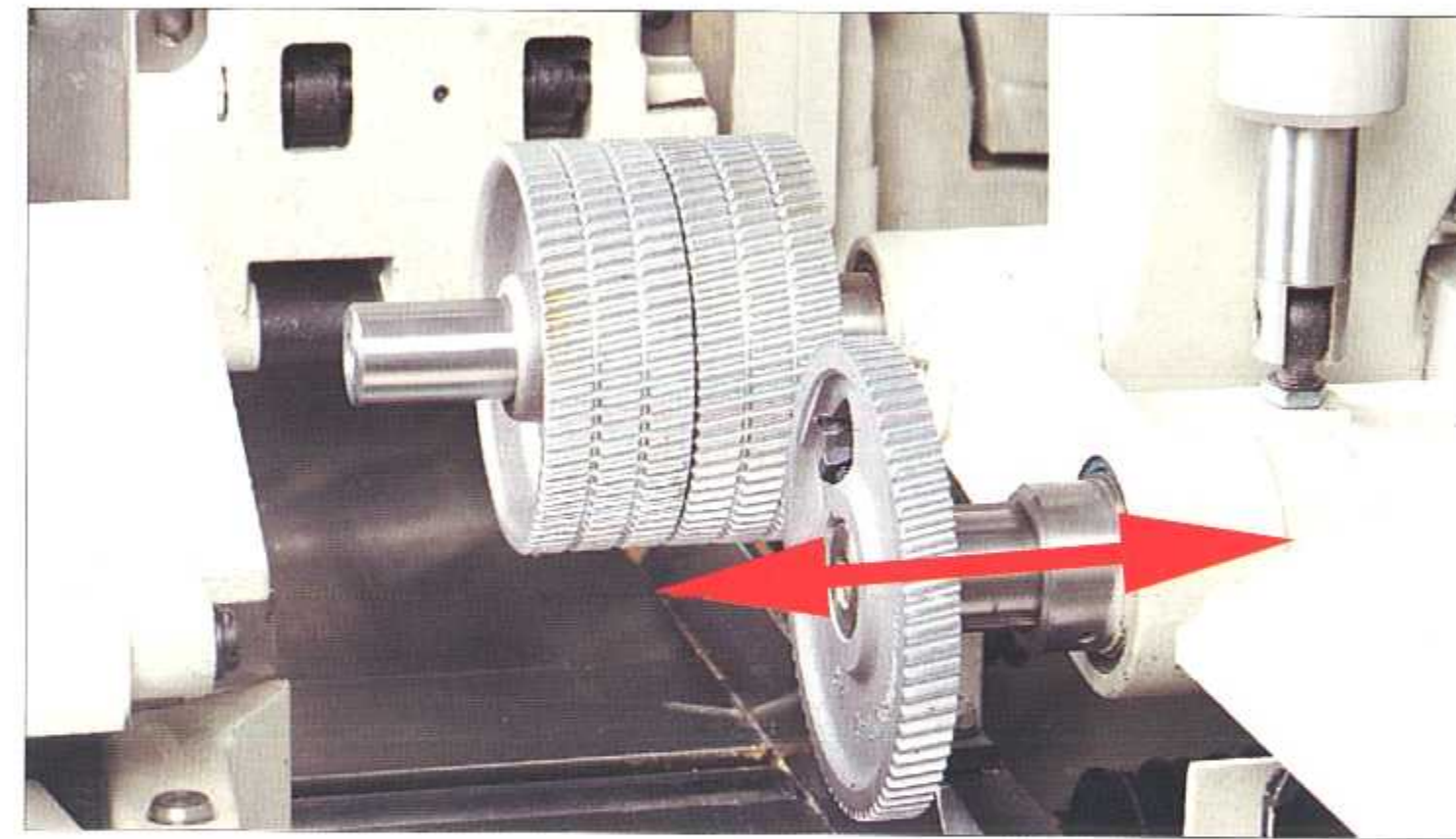
Special machine for the manufacture of coffins

If you have a special or difficult product to mould, we can help you!

There are jobs where even the best standard machine with all its features cannot do the trick. That's where your Weing partner comes in. Weing is good at problem-solving. Our specialists in the New Applications Department are constantly providing individual solutions for our customers. Here is just a small selection of innovative solutions they have implemented:

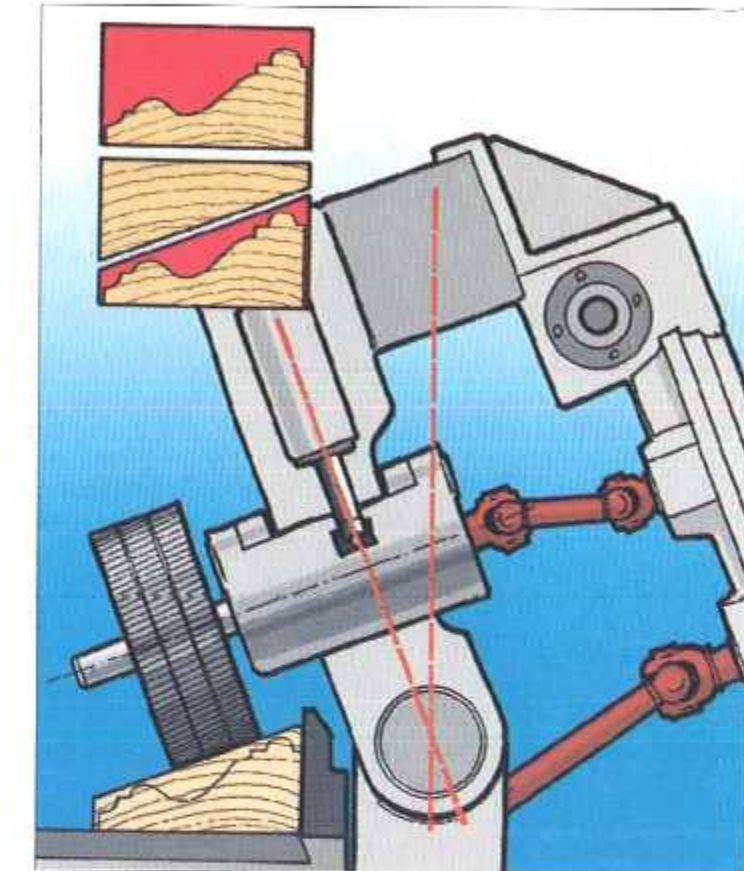
- Pencils
- Dowels
- Laminate, multi-layer and solid floors
- Shutters
- Barrels
- Cross beams
- MDF profiles
- Processing man-made materials

Tell us what you want. We are looking forward to finding the solution to your special application.



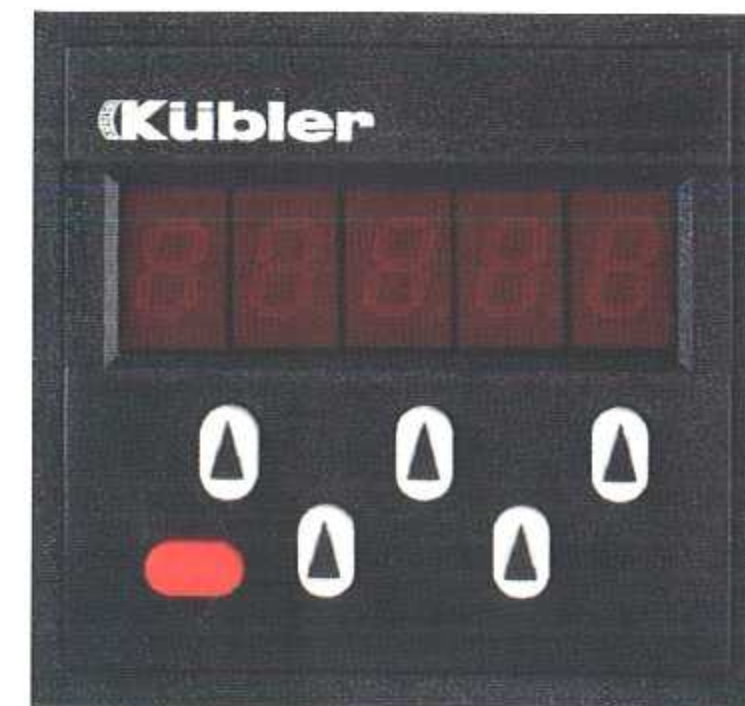
Telescopic feed roller opposite the left spindle

Quickly and infinitely adjustable, within its range, from narrow to wide workpieces.



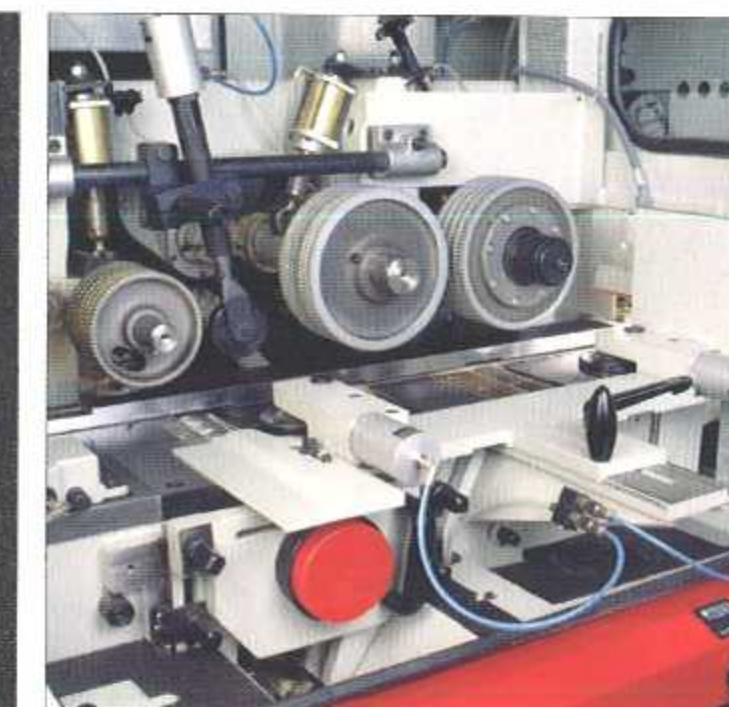
Tilting feed up to 30°

Enables the positive transport of resawn or step-glued raw material through the machine.



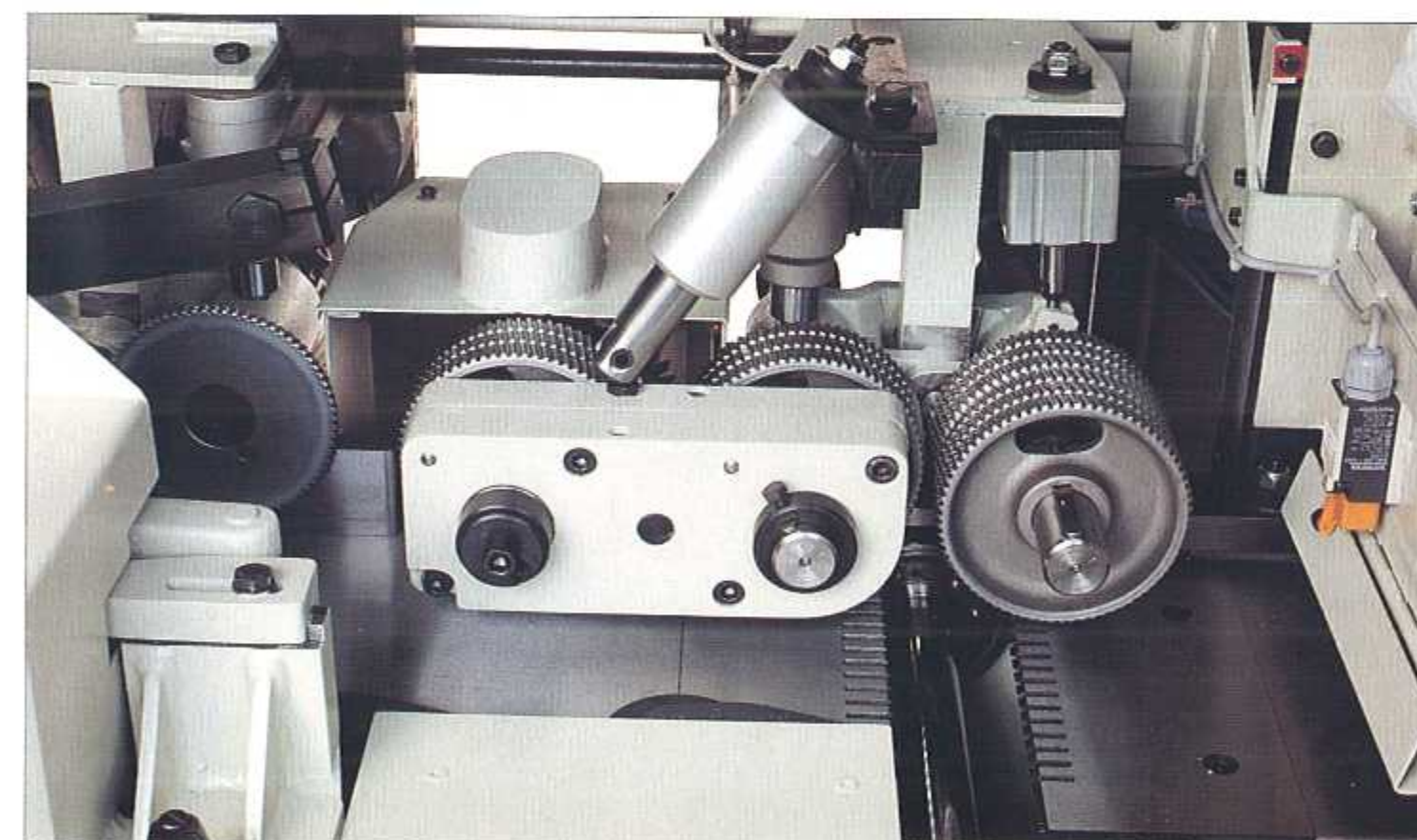
Footage counter

Either as an electronic or mechanical model it records your lineal production.



Heavy-duty infeed

with 220 mm roller diameter. For green, resinous or hard timber.



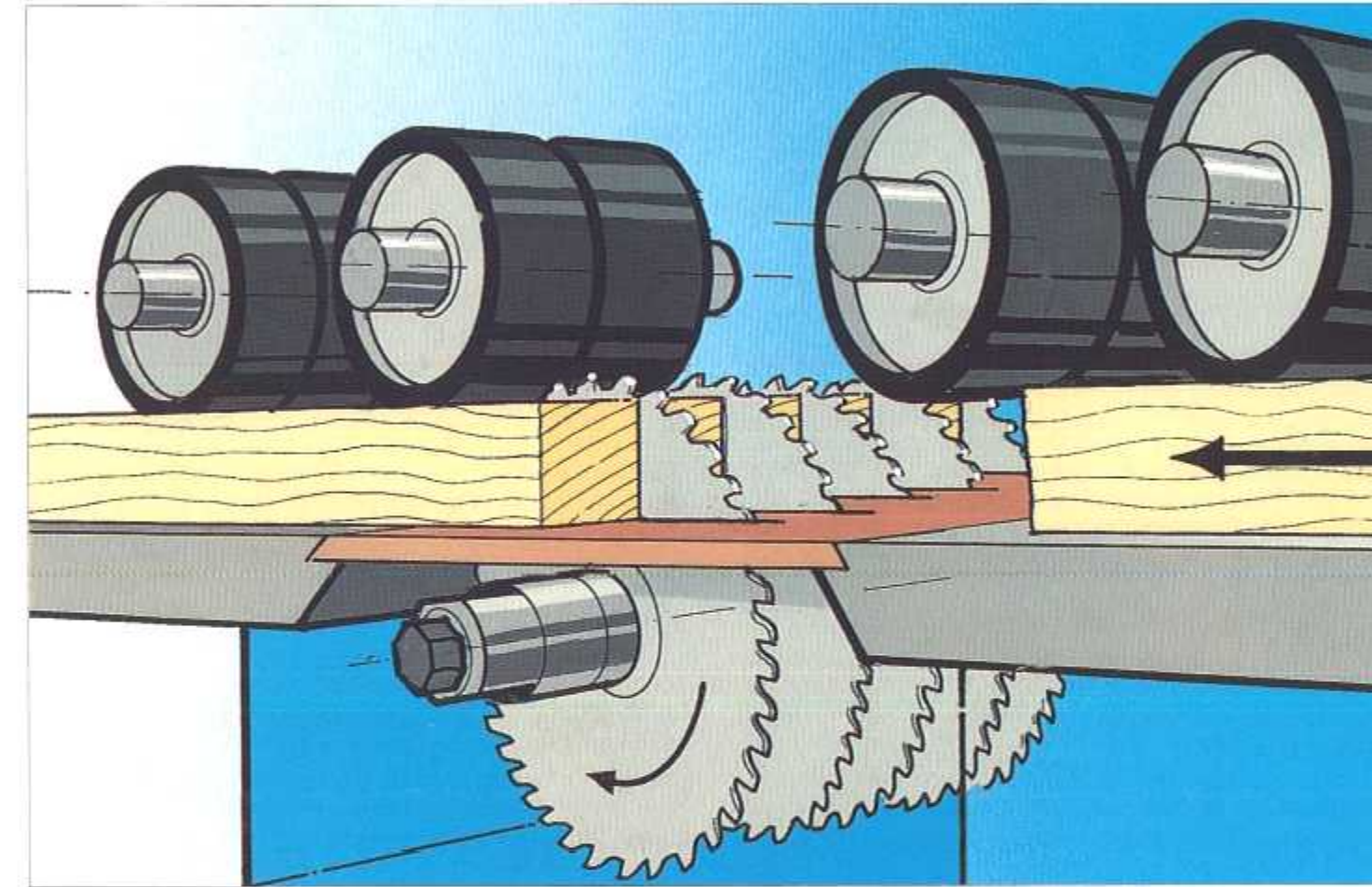
Reduced distance between feed rollers

A more positive feed and control of short workpieces by the right spindle.



Modern electric system

Always up-to-date. This also applies to Weinig electric systems. Complies with the regulations of every country. There are no compromises whatsoever. Just the Weinig standard. Maintenance is easy with the clearly arranged electric modules. Minimum machine down-time in case of service by using worldwide available components. And we offer even more: Conventional protection technique supplemented by programmable SPS and/or PC control, static frequency converter etc. Highly modern and reliable. So that you can fully concentrate on your tasks.



Bottom saw spindle

To do planing, moulding, sawing in just one single pass – increases your production and with greater precision. Precision is increased by short feed wheel clearances and a continuous work table. An anti-kickback device protects the operator at the moulder infeed. This saw spindle can be a very useful option. Why handle a workpiece three times instead of once?

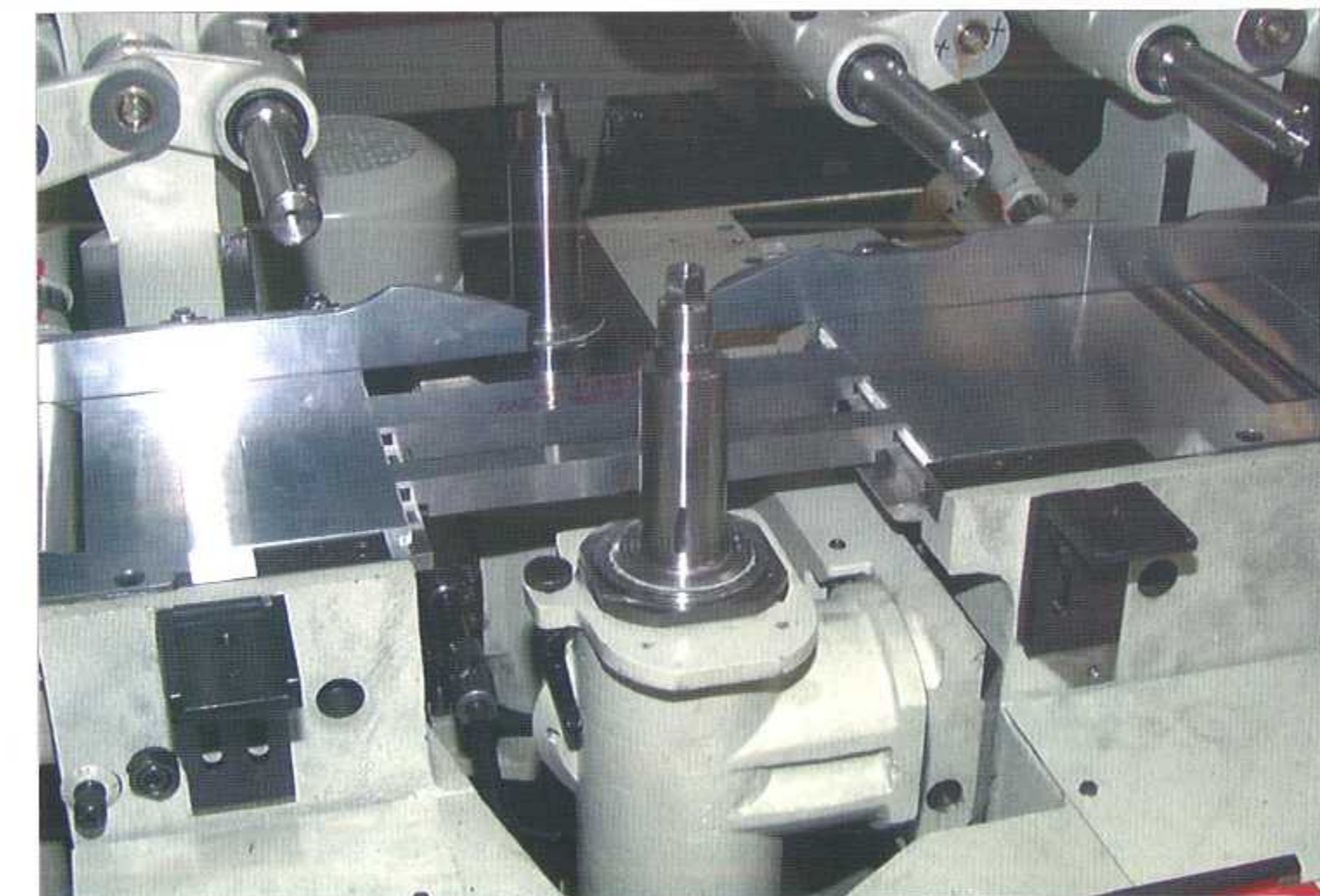


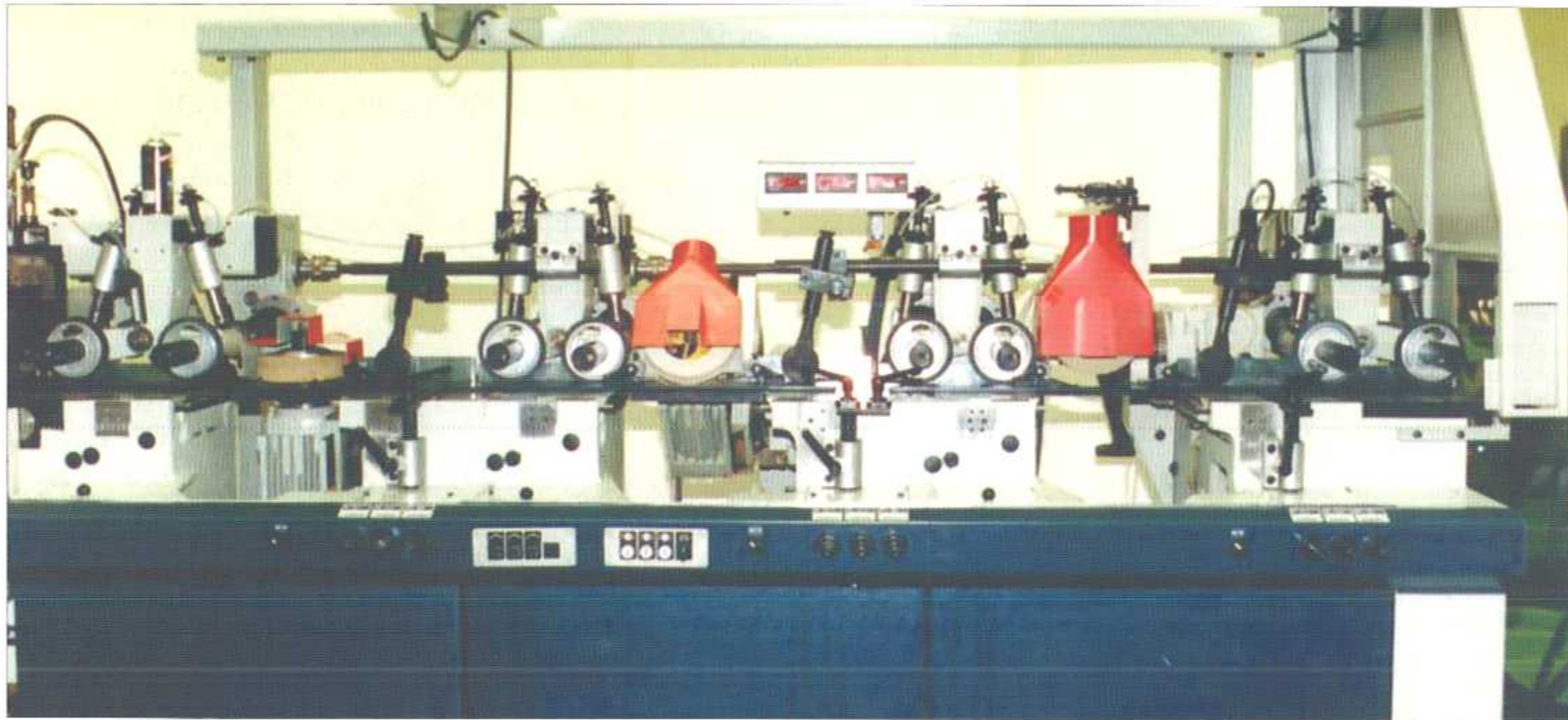
Opposing vertical spindles located at the end of the moulder

In order to provide edge-to-edge parallelism for flooring and other tongue-and-groove products after four-sided planing.

Opposing vertical spindles

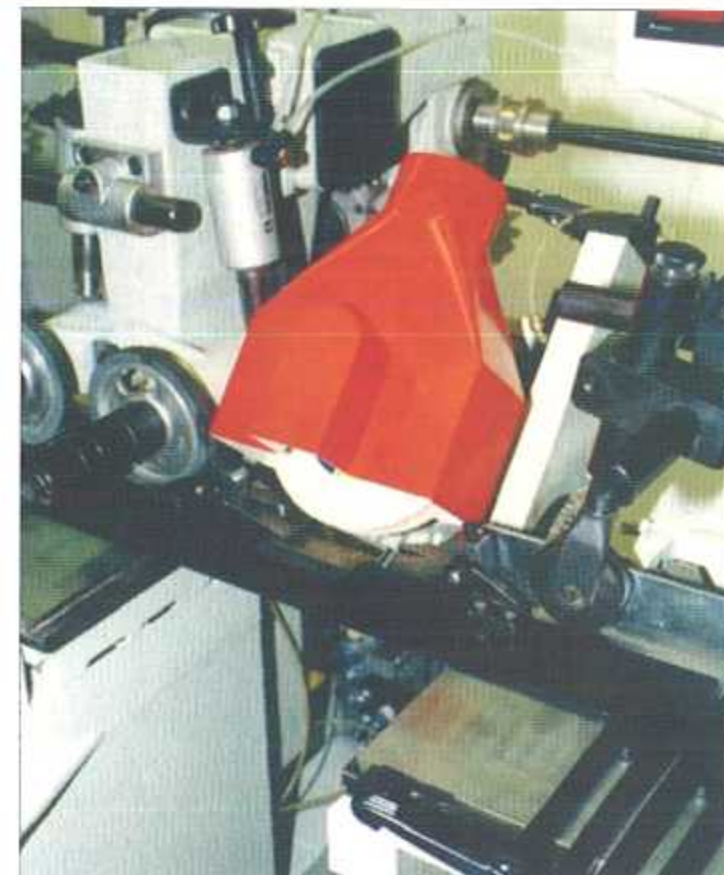
The best way to guarantee perfect parallelism for tongue-and-groove products like flooring and panelling.





Sanding units for MDF profiles

Installed at the end of the moulder, it gives the advantage of profiling and sanding in one pass. Useable on all four sides and tiltable. To compensate for wear the sanding disk is automatically advanced by an electronic controller which can be set to different parameters.



Router units

For processing timber and man-made materials as well as engineered timber products. Integrated into the moulder and universally tiltable. For those operations that can only be produced by a router bit. This allows one-pass operation for both machining and routing. Mounted on a universal spindle element for maximum flexibility.

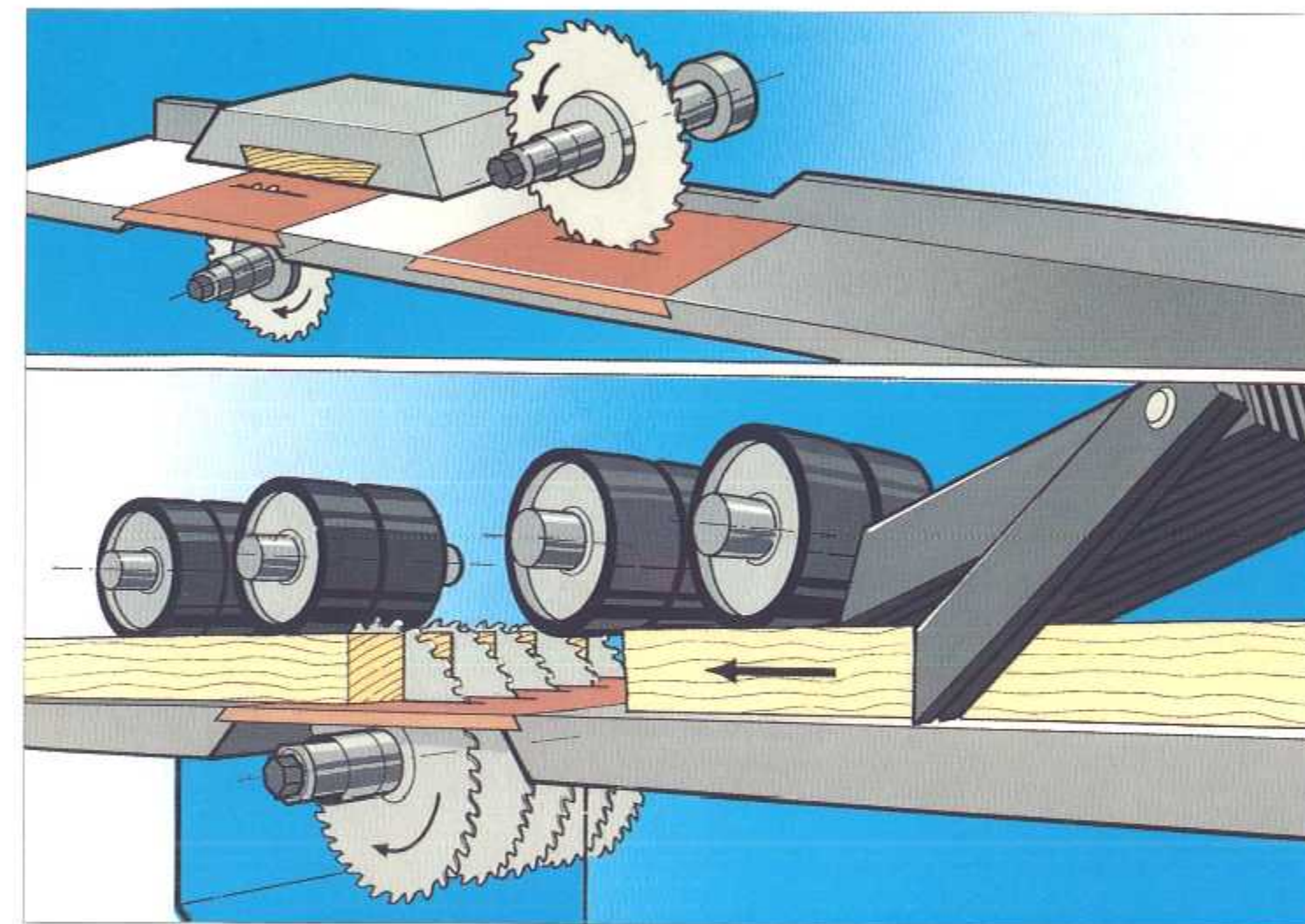
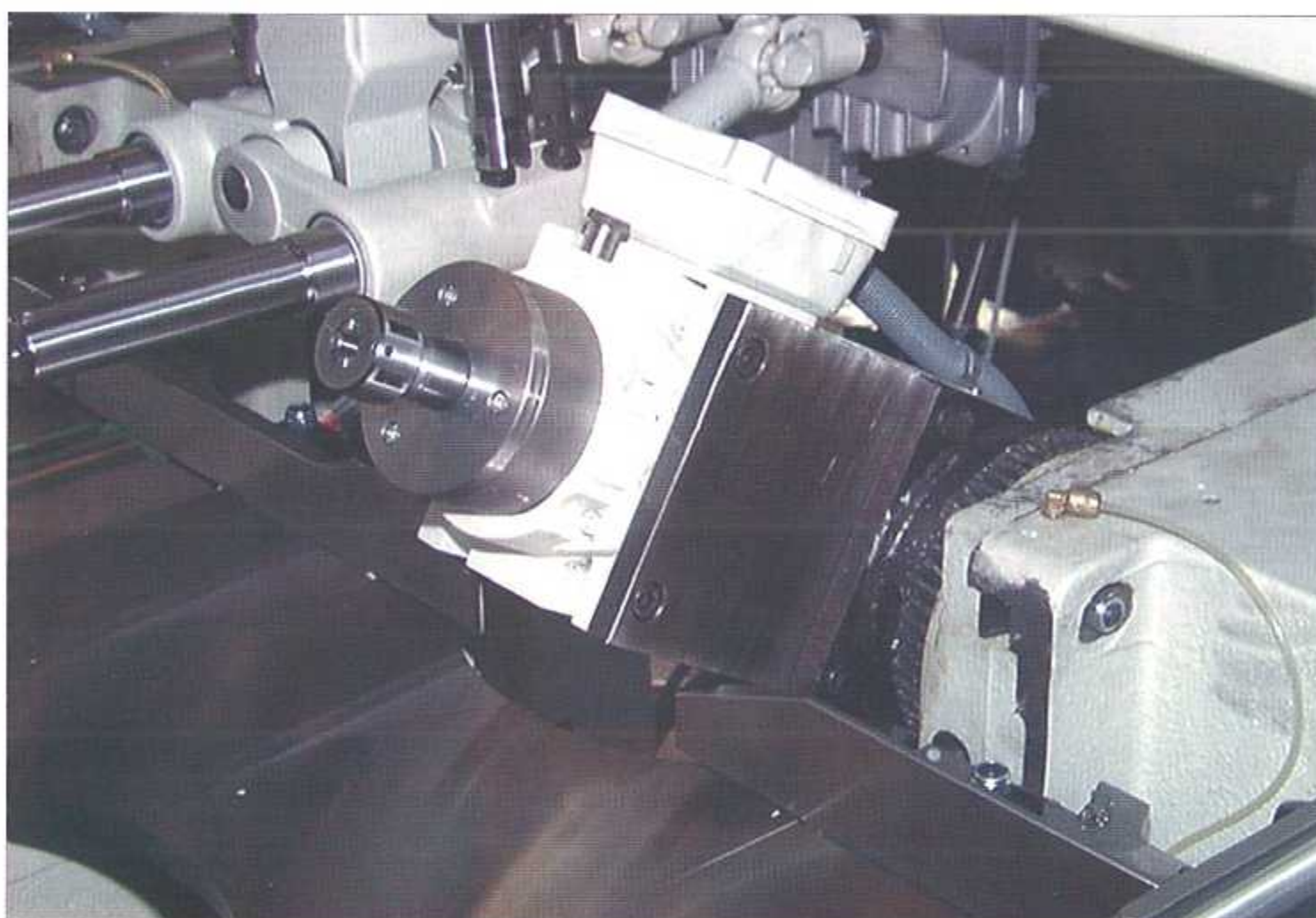


Table plate insert for sawing from top, bottom and universal spindle

This creates a closed table surface so that the workpieces are supported while being sawn true to dimension.



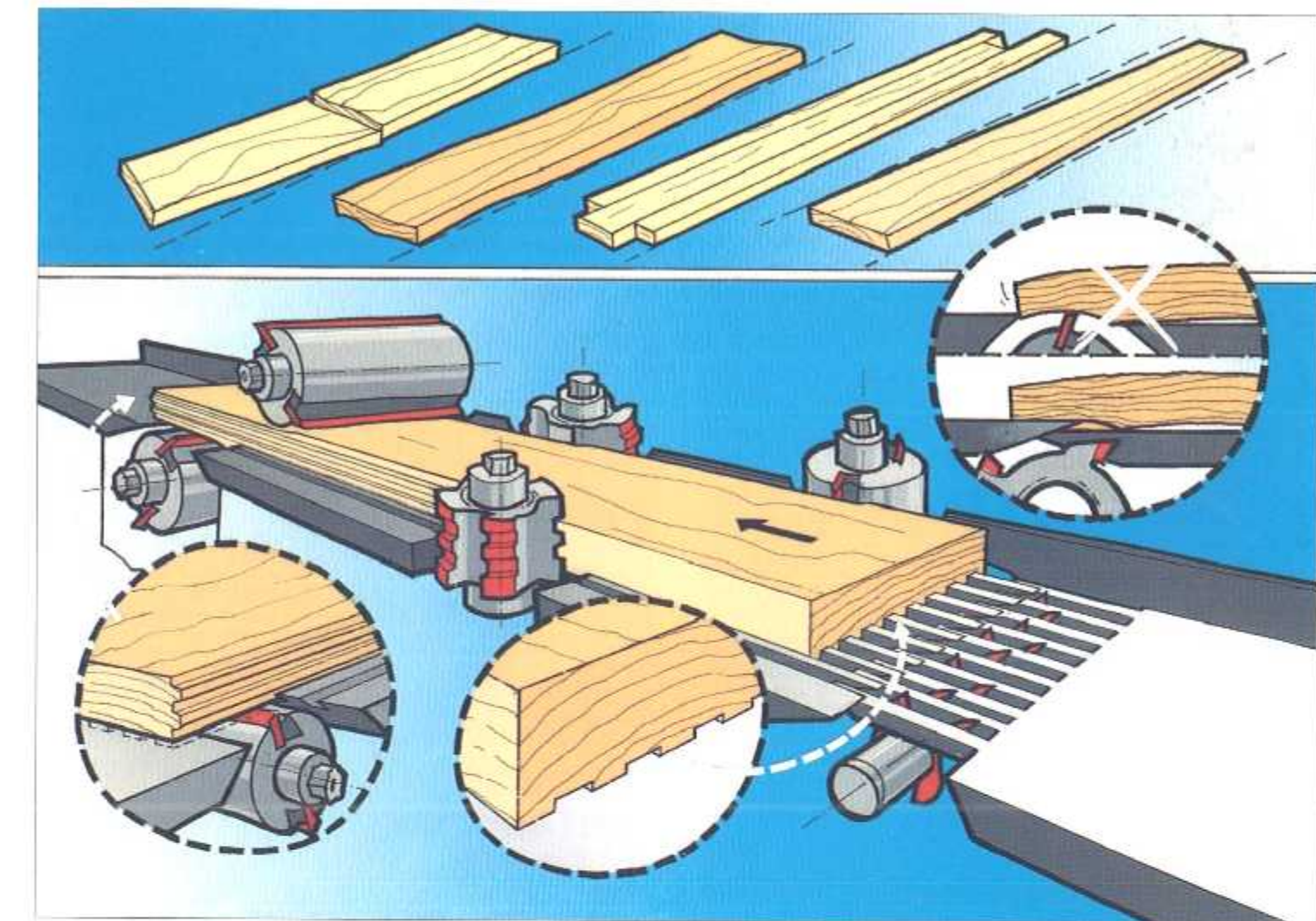
Driven rollers in the machine table

Optimal material feed, even under the most difficult working conditions, such as high moisture content timber, wide workpieces, etc.



Waxilit pump for table lubrication

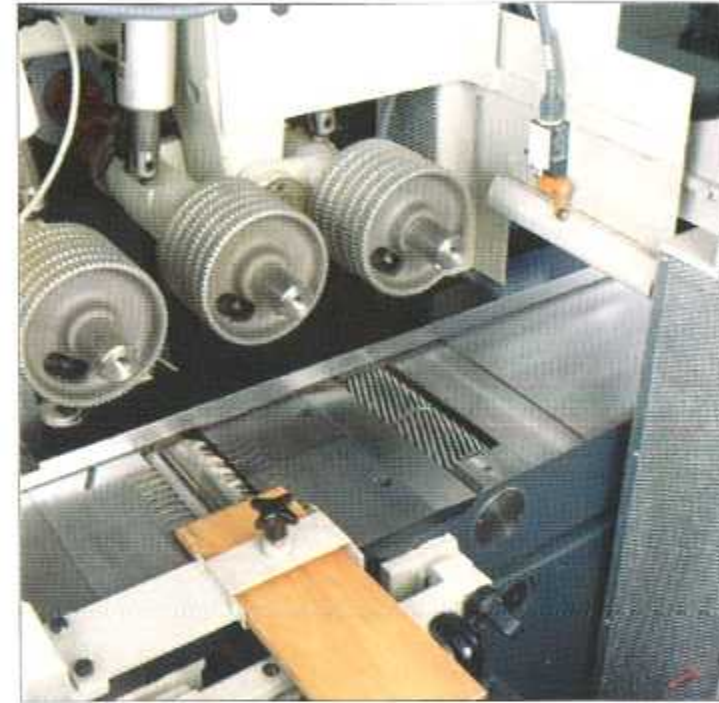
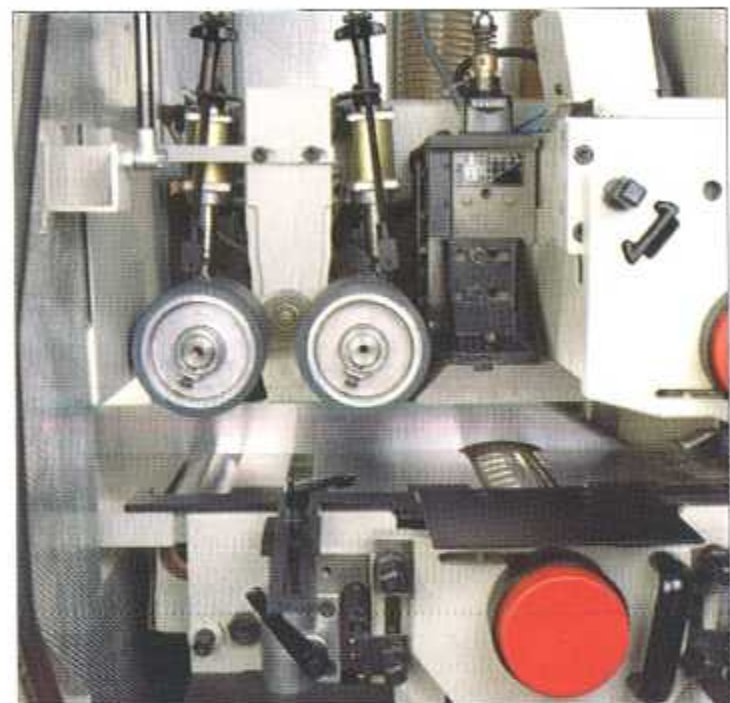
A lubricant film is created on the machine table so the timber is more easily fed through the machine. The lubricant additive provides automatic cleaning and helps prevent resin build-up on the machine table. It is available as a manual pump or automatic pump that applies oil at fixed intervals.



Groove guide system

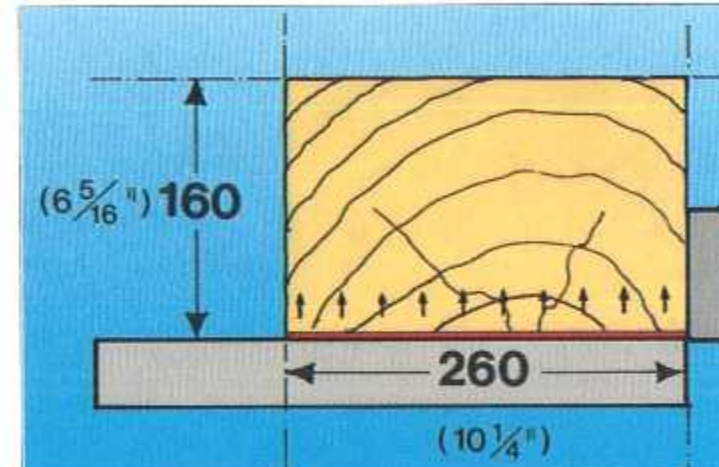
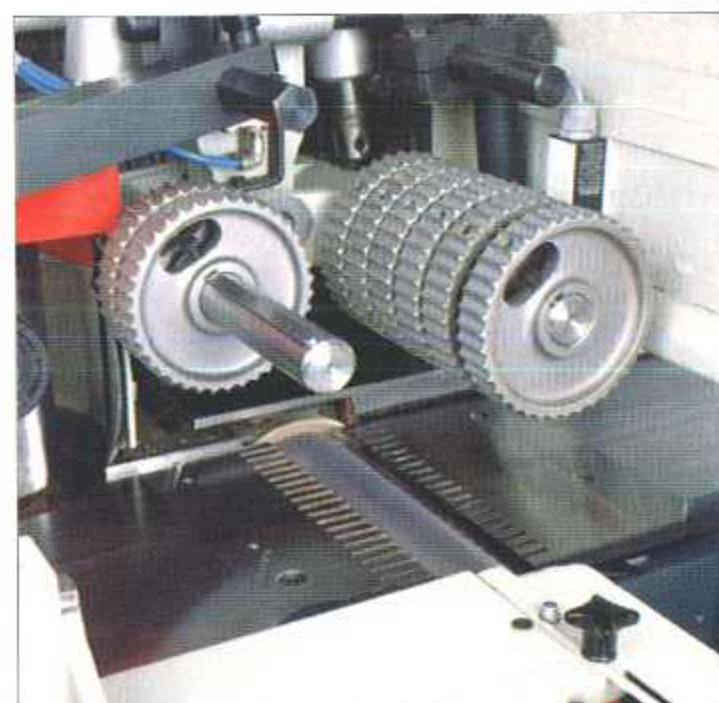
Groove guide table plates provide the maximum in material control. Short boards with uneven ends are machined parallel. Warped boards are precisely dressed. Tapered and bowed boards are exactly thickened.





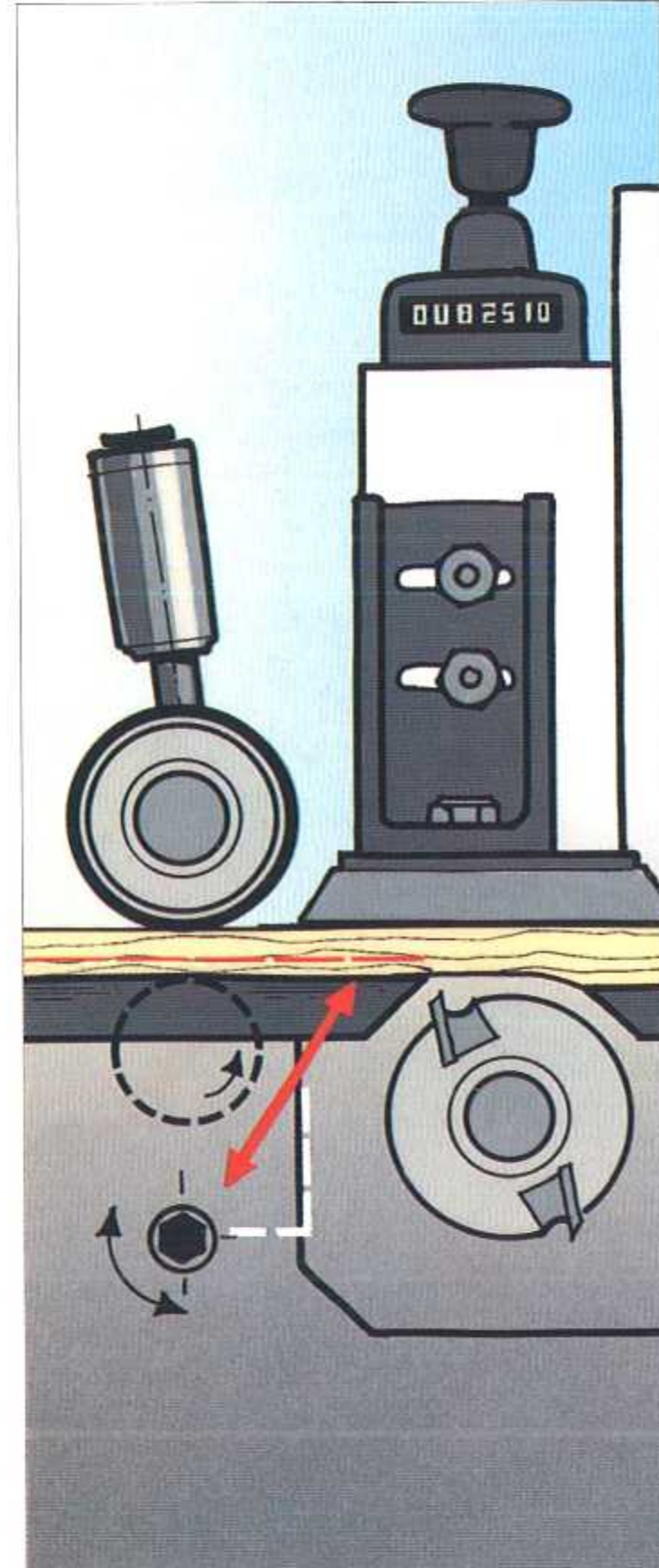
Infeed tables

0.7 m or 0.9 m or 1.2 m in lieu of 2.0 m, 2.5 m and 3.0 m. Useful for hopper feeder and when linked with material handling equipment.



Working width 260 mm and working height 160 mm

Machine large timber dimensions, solid or glued, without compromising the ability to do small cross-sections. Wider range of use such as beams or wide planed boards.



Adjustable outfeed table
Fast set-up! Quick adjustment to three fixed chip removal settings.

Idle rollers in the edge jointing fence

Less friction between workpiece and edge jointing fence. Important when using hopper feeders.



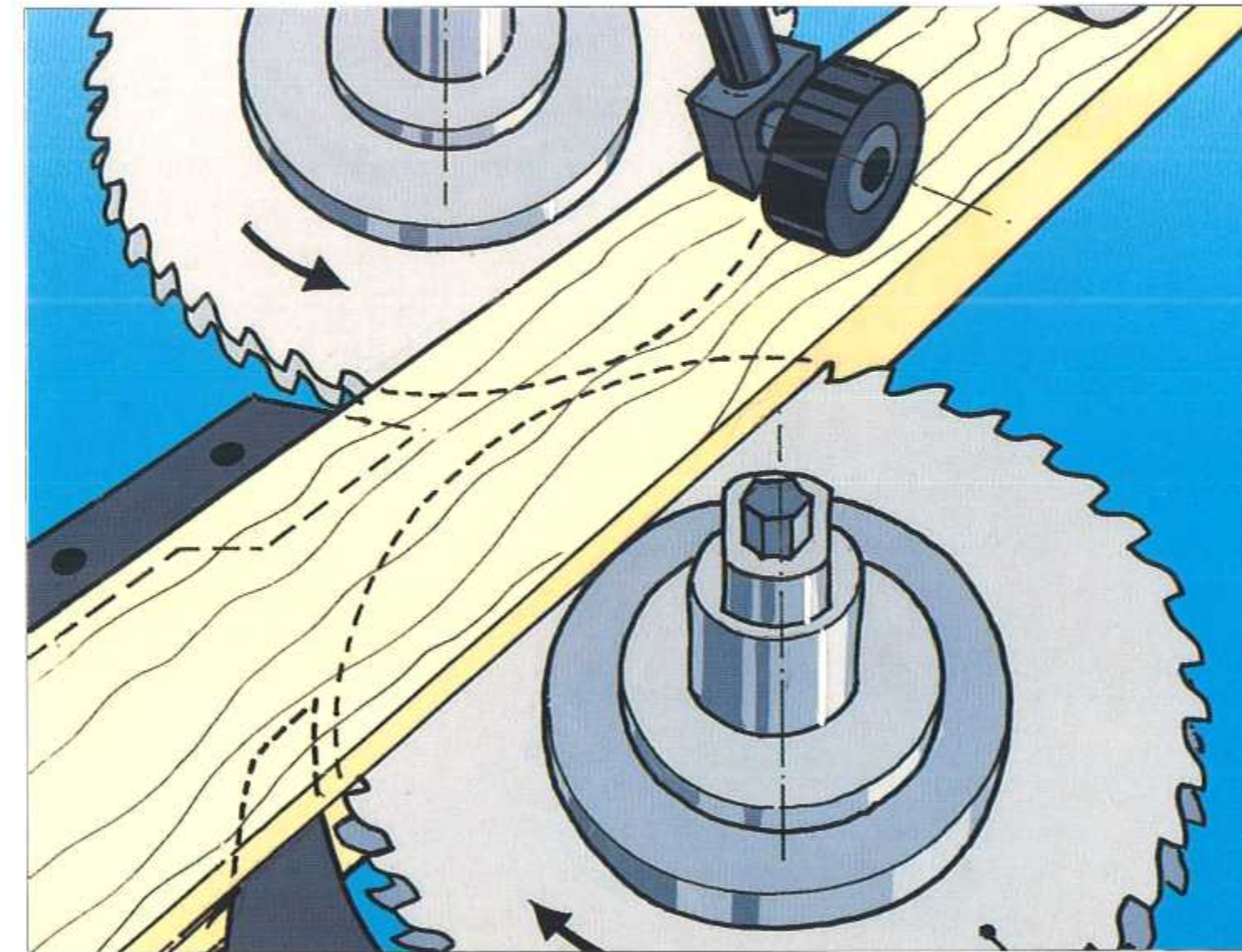
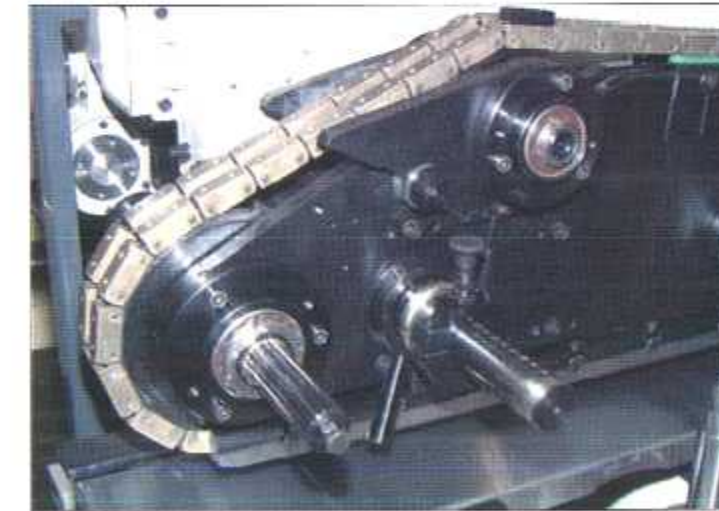
Stacked spindle

You equip this 300 mm clamping length spindle with the tools of your choice. The individual profile data are stored in a computer, and you are able to change from one profile to the next within seconds by pressing a button. Electronic controls ensure precise spindle setting.



Chain transport

For machining short parts. Also used for prelacquered and finished multi-layer flooring. Stable guidance, maximum precision, continuous feed.



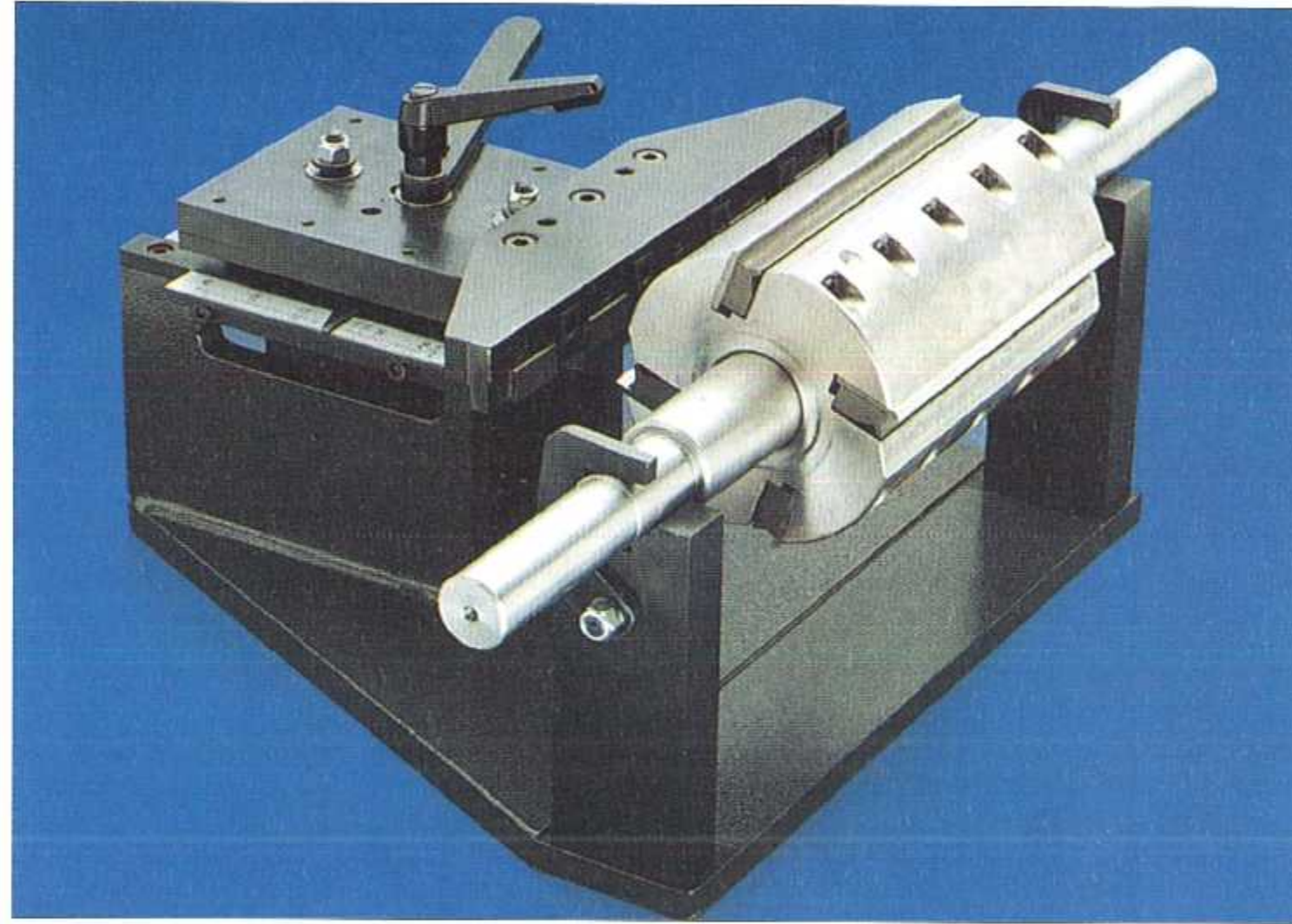
Vertical splitting unit

For rip-sawing from the right- and left-hand side. Primarily used for the production of multi-layer flooring as well as for rip-sawing multiple mouldings. Available as an individual machine, complete with its own feed system, or at the outfeed of a moulder: planing and sawing in one pass.

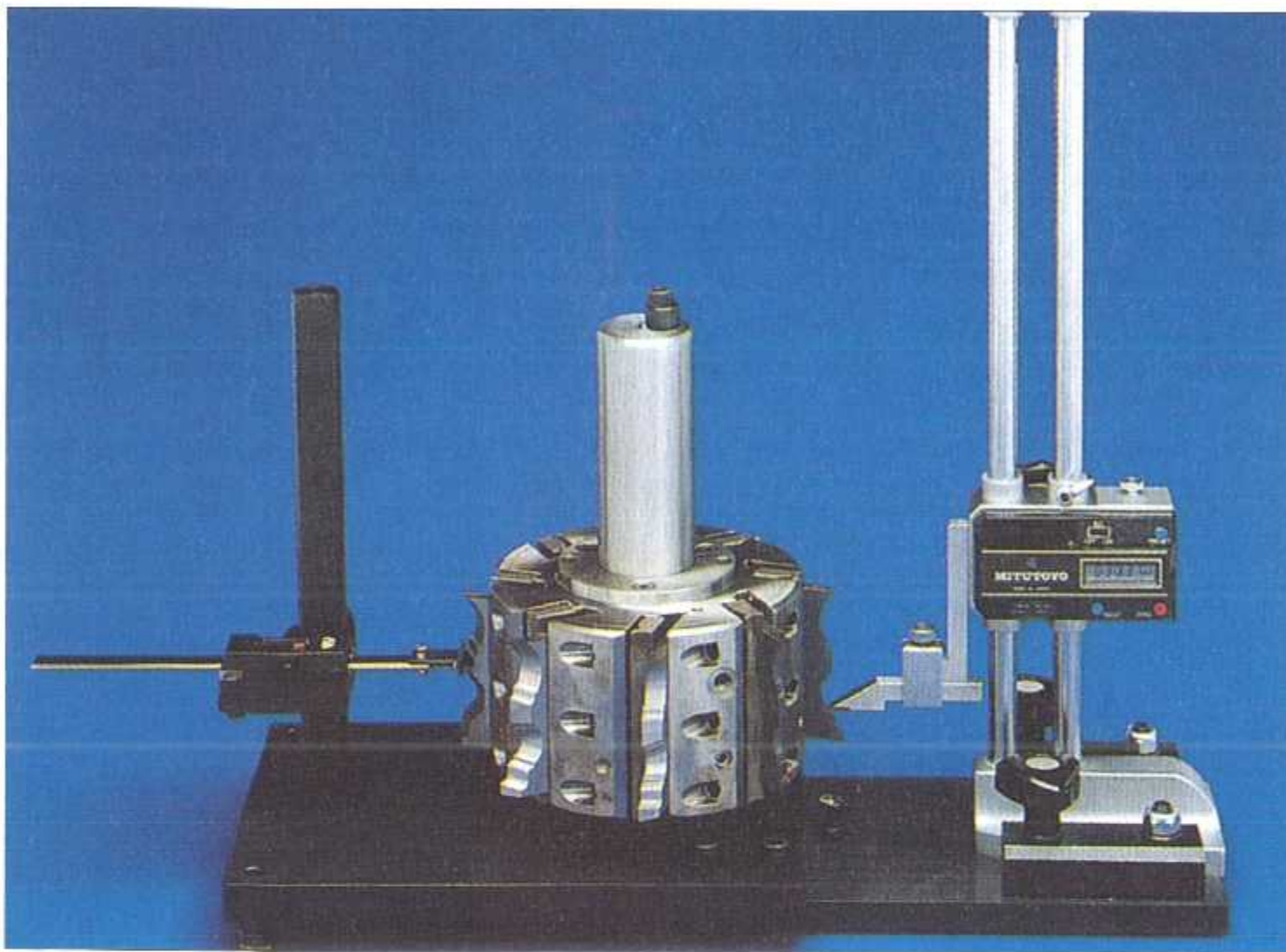


Precision setting gauge for planer knives

Indispensable if highest precision is demanded. The setting gauge has a feature for setting profile knives without serrated backs and is easy to use. Diameter and length of the tool are simply set on the scale.

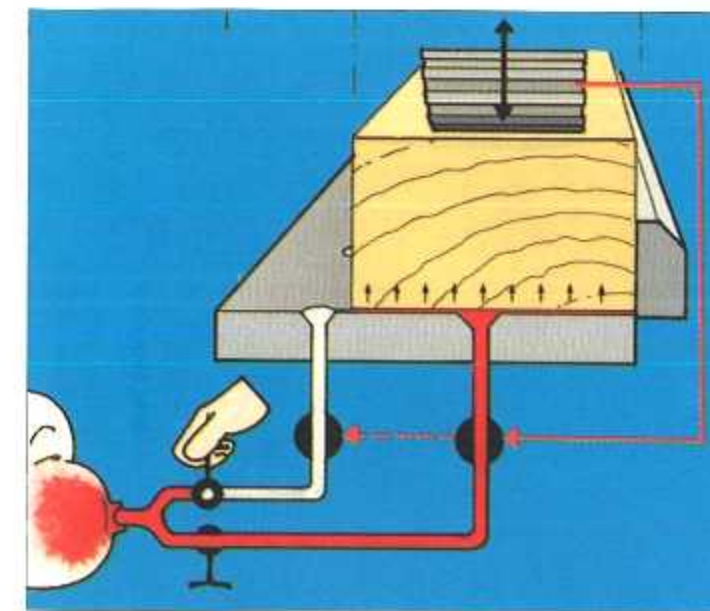
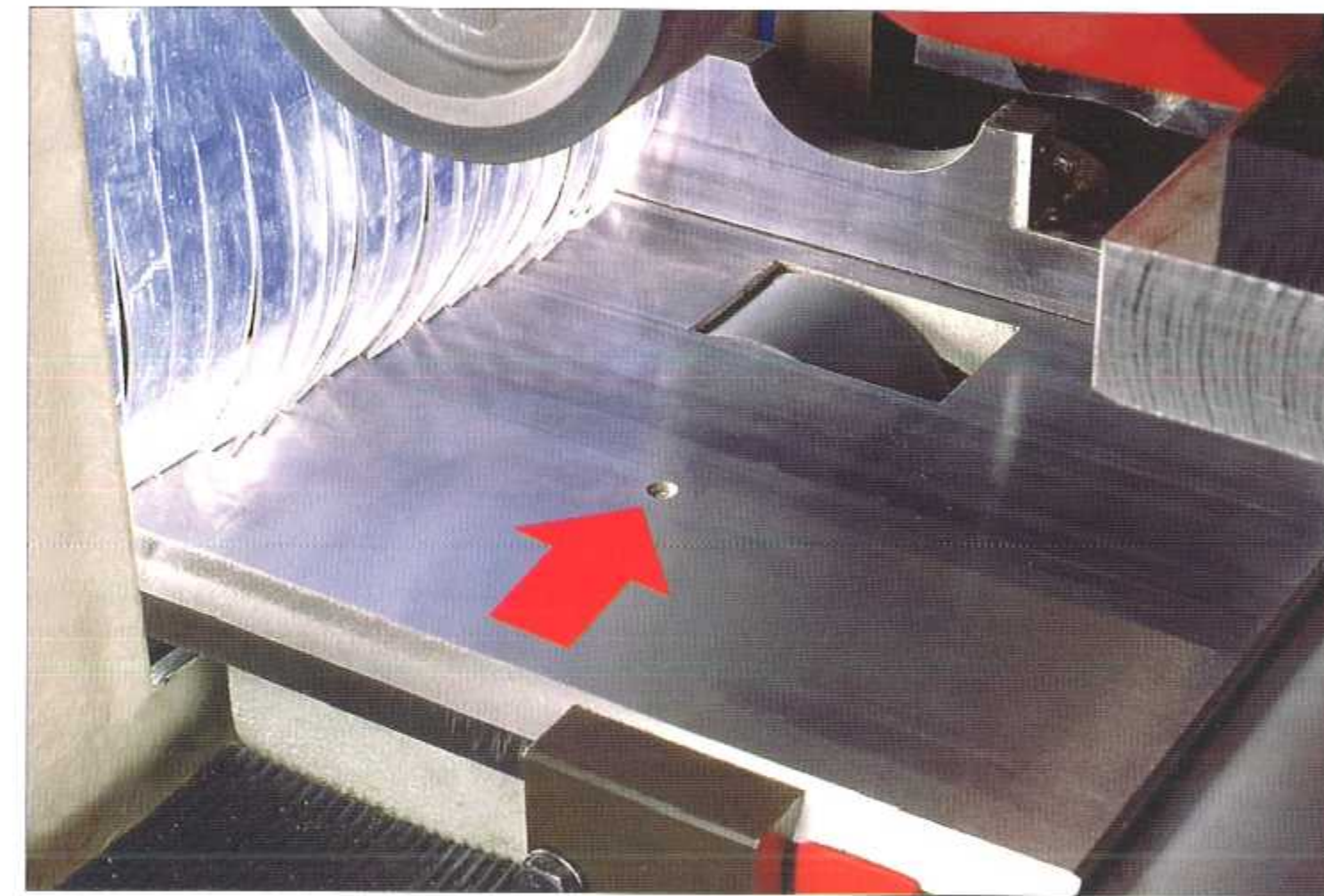


Reinforced by carbide to be free of wear. Also with integrated measuring device to establish the tool radius.



Measuring device

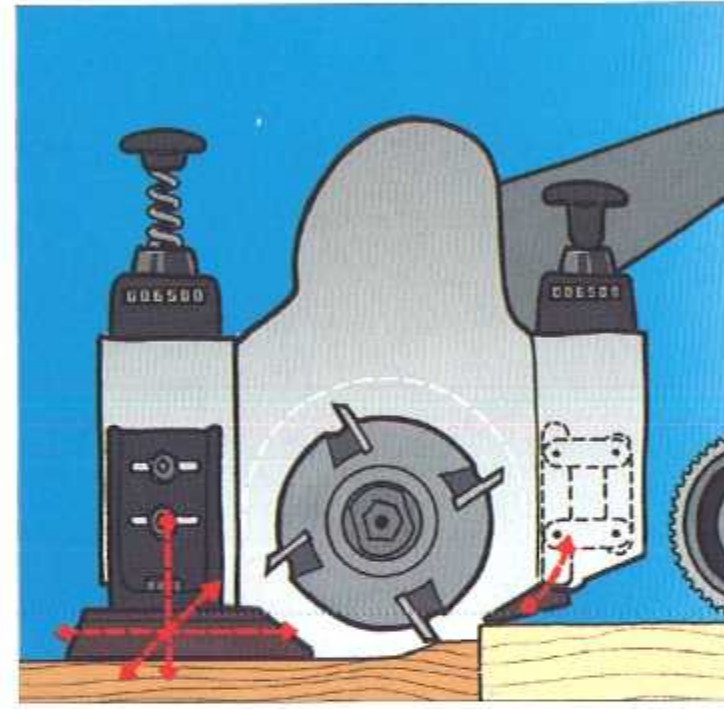
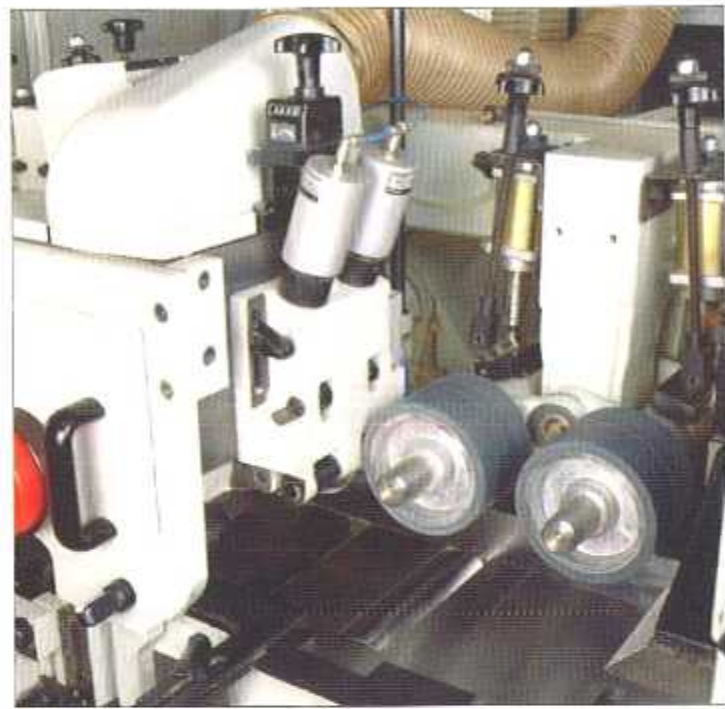
With this device you can determine two essential parameters for high precision: tool radius and profile height. It has the Weinig standard for exactness and is easy and safe to use.



Air cushion system

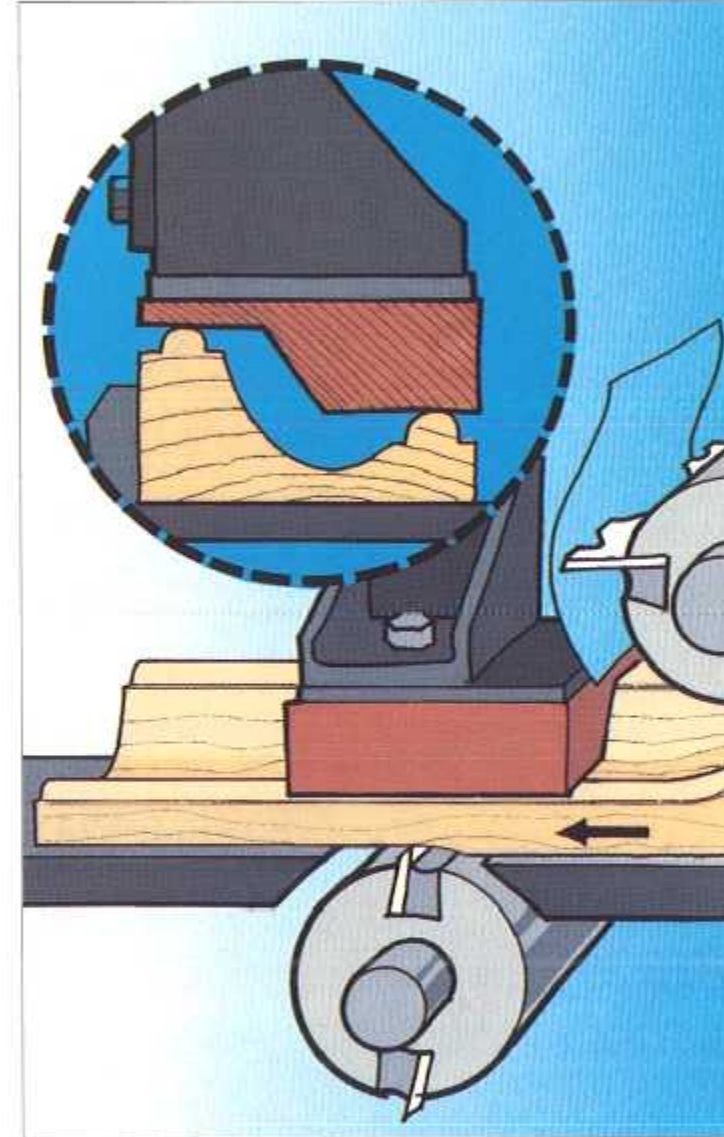
The pieces of timber slide on an air cushion along the machine table. The separate air circuits can be switched on as workpiece width requires. Continuous workpiece transport particularly useful for wide, wet or resinous workpieces.





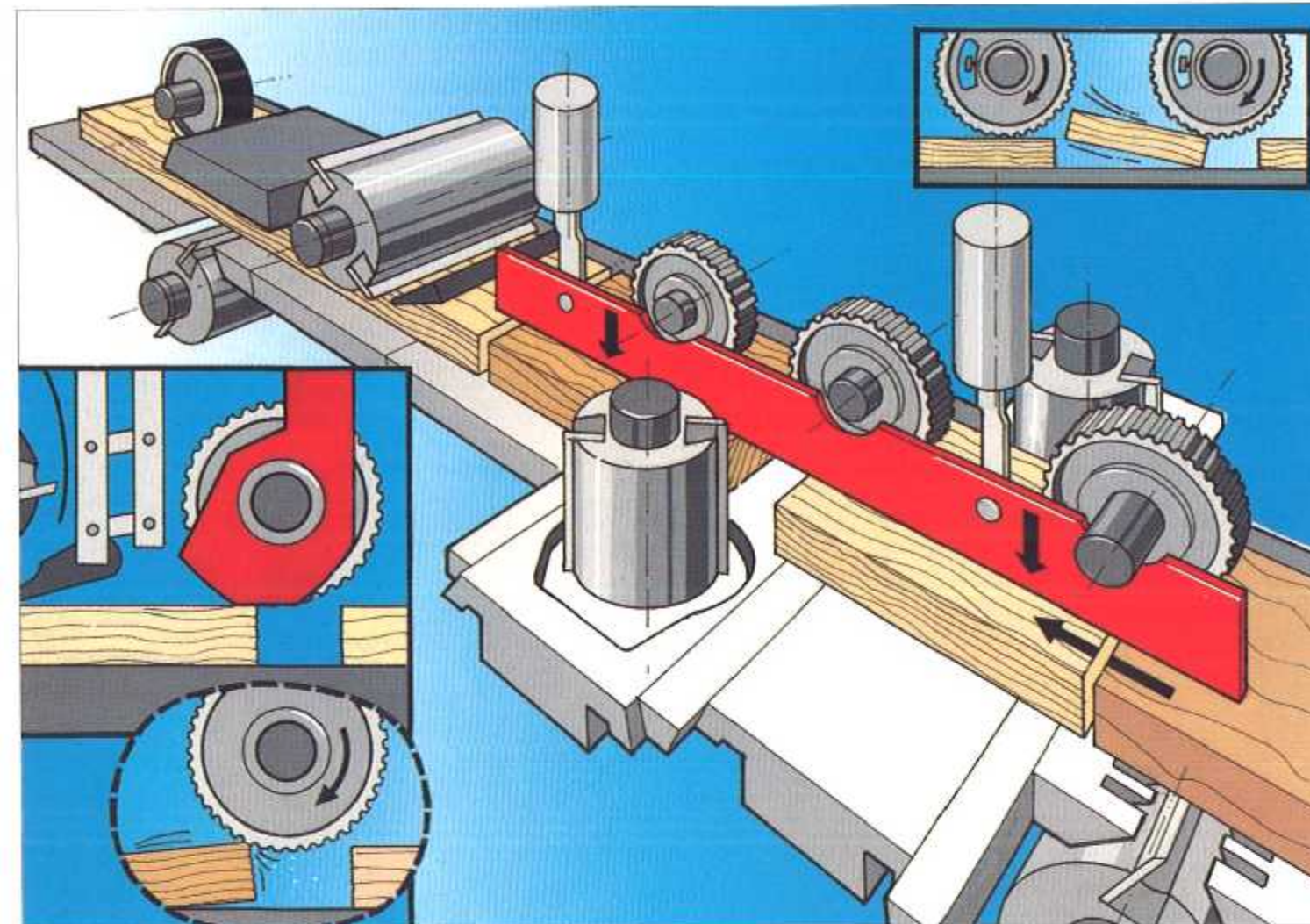
Pneumatic chipbreaker in front of top spindle

In front of the horizontal top spindle the board must be pressed firmly onto the machine table, particularly for high feed speeds or if there are thickness variations within the workpiece. Pivots and recedes away from the workpiece.



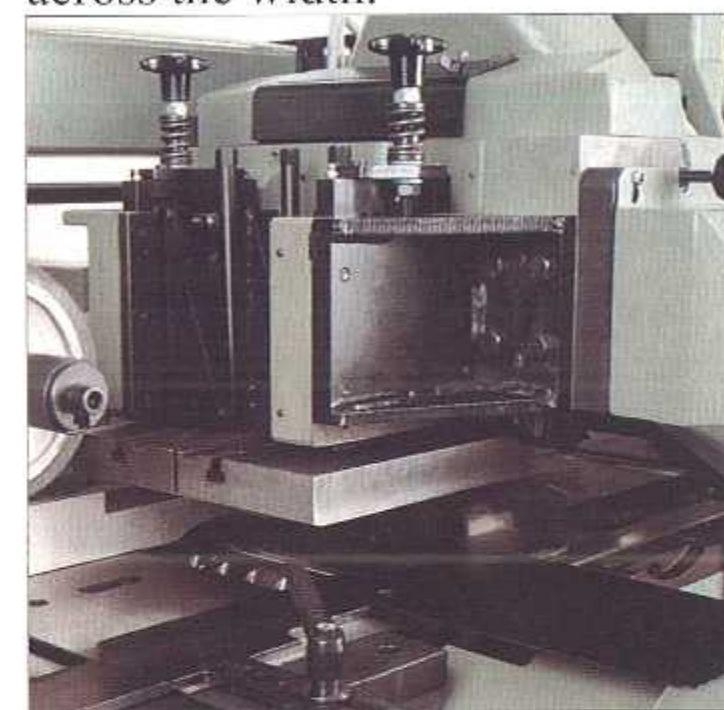
Pressure shoe for interchangeable counter profiles

Replaces the usual flat steel pressure shoe. This steel plate with pre-drilled holes allows you to bolt a custom wooden or other material hold-down shoe behind the horizontal spindle. This allows hold-down pressure on profiles with differing thicknesses across the width.



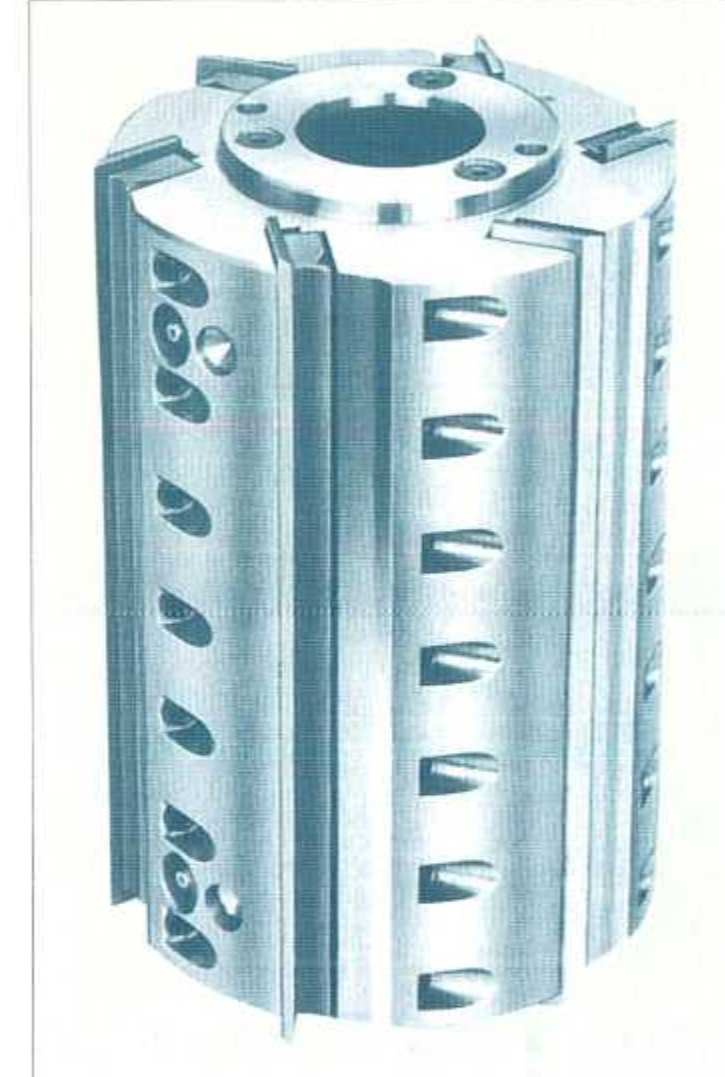
Hold-down bar for short pieces with anti-tear-up device

For the continuous workpiece transport of very short parts. Prevents pieces from overriding the piece in front of it. No production interruptions. Fewer rejects!



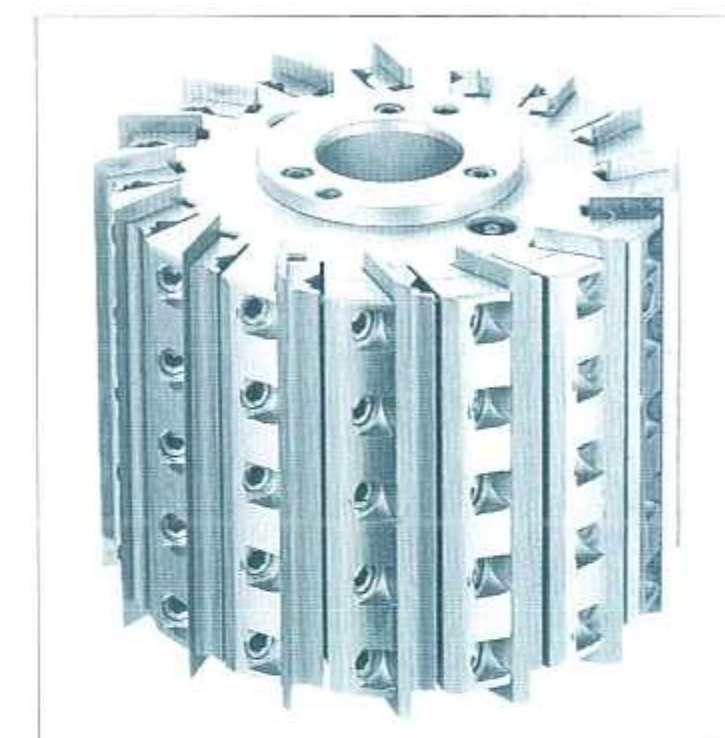
Rotaplan counter pressure element

You can set this counterpressure from above on all levels. It is extremely sturdy. It provides a safe grip on your workpiece and prevents marks. Even at high feed rate and with thin, wide parts.



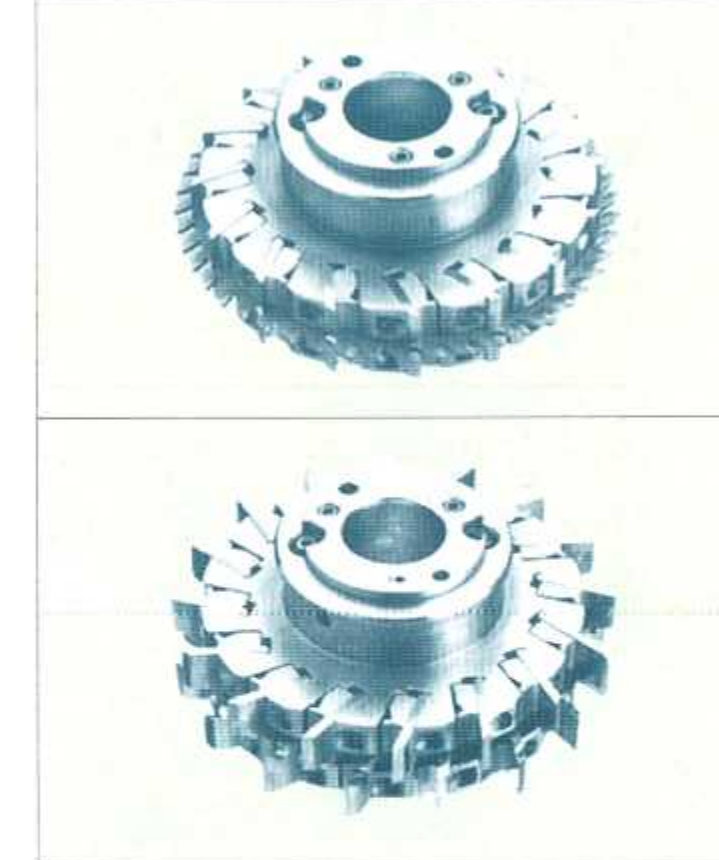
The Hydro Planer Head with thin-knife cutters

Enables high feed rates while the finish quality remains the same. The twin-chamber hydro bushings guarantee concentric clamping of the tools. HSS, stellite and carbide knives may be used.



The Hydro Rotaplan Cutterhead with thin-knife cutters

With the same outstanding properties as the Hydro Cutterhead. A maximum of 16 cutting knives is possible.



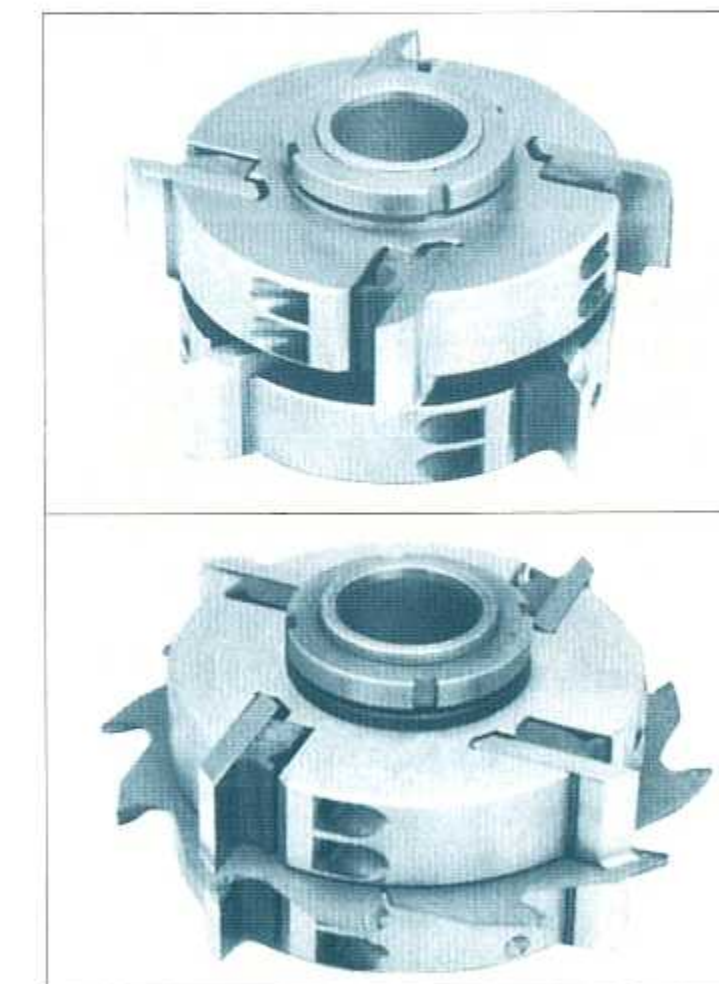
The Hydro Tongue-and-Groove Cutterhead

Precision tools for profiling tongue and groove on planing mill products. Moulding cutterhead with two-part clamping bushing for hydraulic concentric clamping on the work spindle. Exchangeable and re-grindable 5 mm HSS knives with serrated back. Tongue cutterhead adjustable by spacer rings for different tongue thicknesses. Groove cutterhead with carbide-grooving saw, exchangeable for different groove widths.



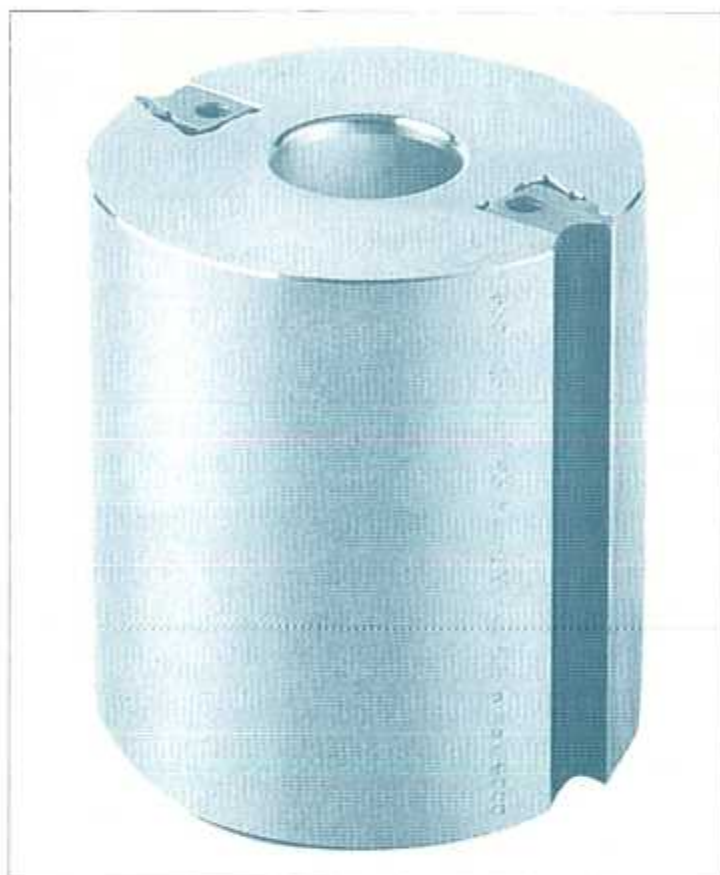
The Hydro Bevel and Rabbit Cutterhead

Precision tools for moulding bevel and rabbit on planing mill products for high feed rates. Moulding cutterhead with two-part clamping bushing for hydraulic concentric clamping on the work spindle. Exchangeable and re-grindable 5 mm HSS knives with serrated back.



The Tongue-and-Groove Cutterhead

For profiling tongue and groove on planing mill products. Exchangeable and re-grindable 8 mm HSS knives with serrated back. Tongue cutterhead adjustable by spacer rings for different tongue thicknesses. Groove cutterhead with carbide-grooving saw, exchangeable for different groove widths.



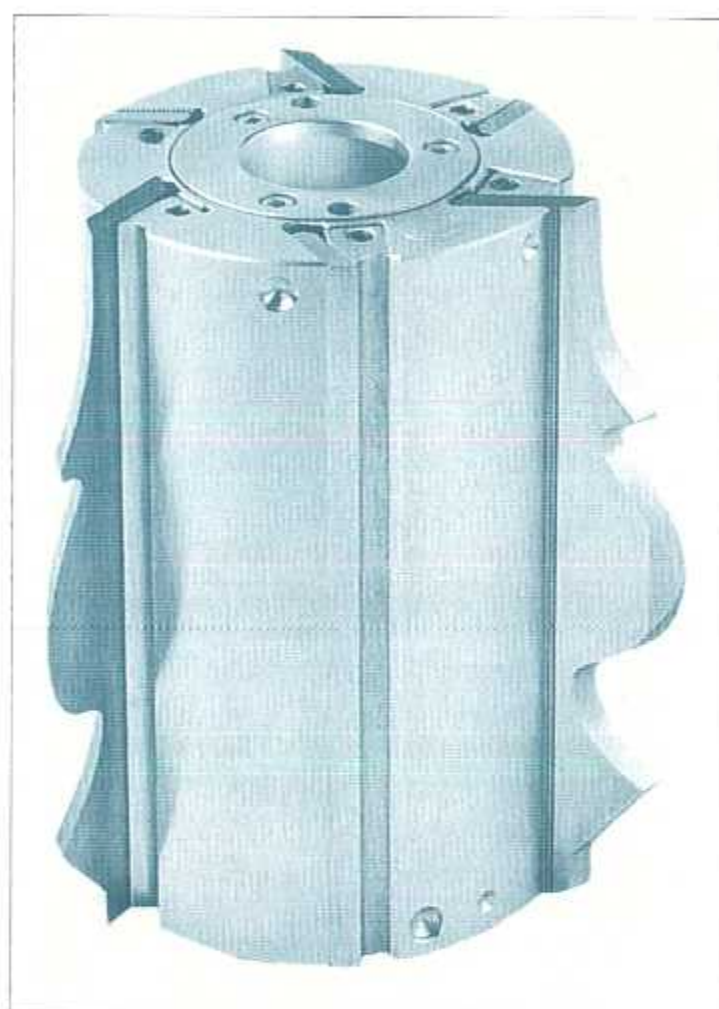
The CentroLock Planer Head saves time

Insert or remove the reversible disposable knives by tightening or loosening one single screw on Weinig's CentroLock planer head. This saves you more than 50% of the time during each knife exchange. A setting gauge is not required. You may use HSS, stellite as well as carbide knives. The basic tool body is made of high strength steel.



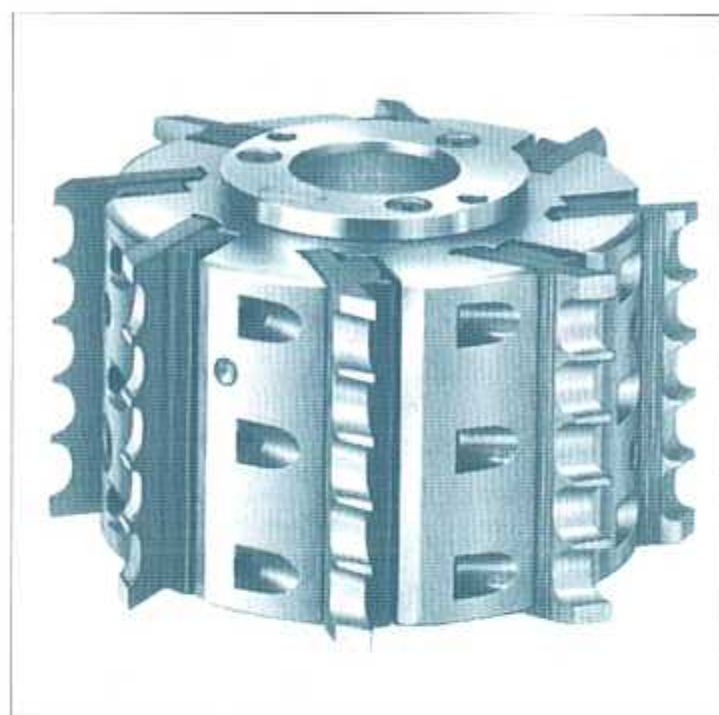
The Planer Head with thin-knife cutters

The knives are pressed to the required cutting circle by springs in the setting device. HSS, stellite and carbide knives may be used. The basic tool body is made of high strength steel. (Not for sale in the USA.)



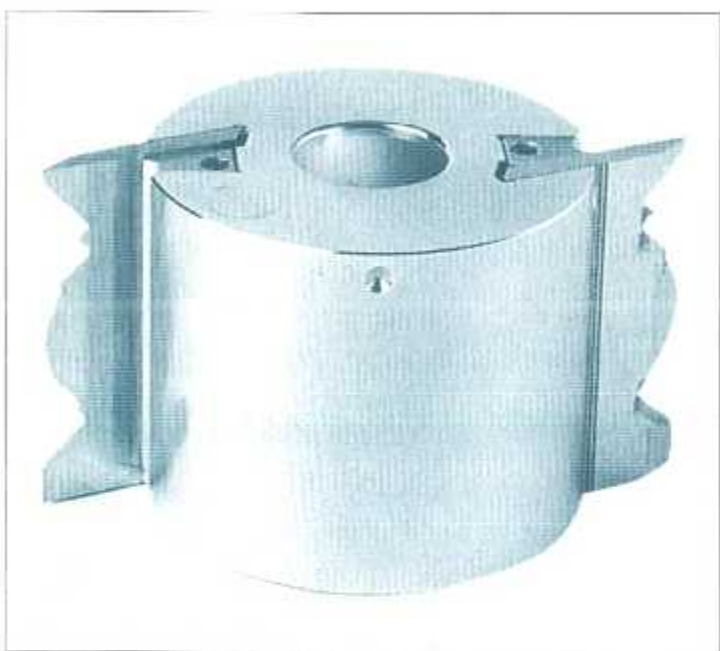
The Hydro CentroLock Profile Cutterhead

These hydraulically and centrally clamped tools make high feed rates possible while the high finish quality remains the same. They are made of high strength steel. The extremely low bore tolerance matches the machine spindle tolerance. The twin-chamber hydro bushings guarantee concentric clamping of the tools. HSS, stellite and carbide knives may be used. Only one screw needs to be loosened and tightened when changing knives. Absolute positive locking with the serrated back!



The Hydro Profile Cutterhead

Enables high feed rates while the finish quality remains the same. The twin-chamber hydro bushings guarantee concentric clamping of the tools.



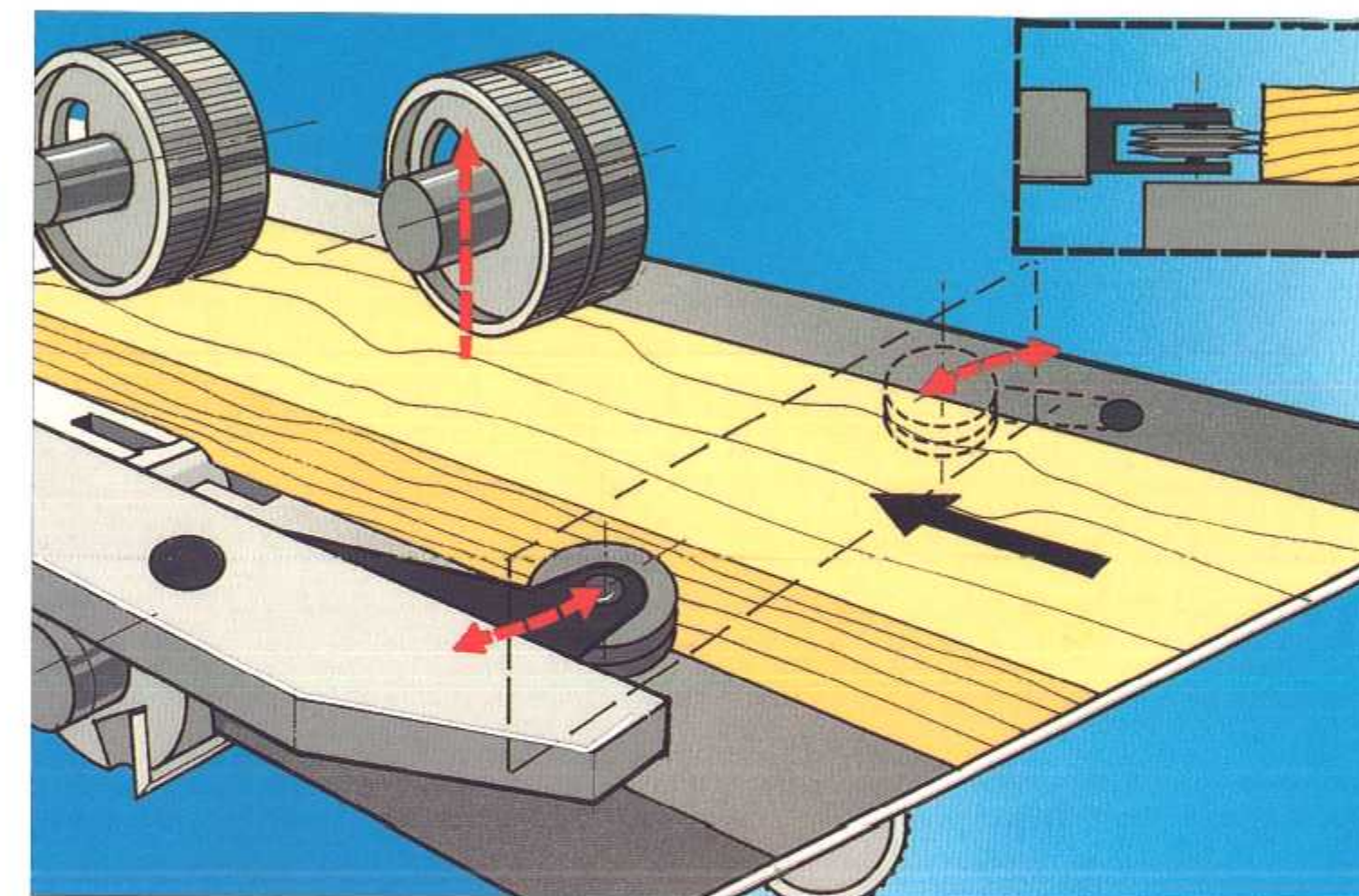
The CentroLock Profile Cutterhead also saves time

Similar to the CentroLock planer head. Loosen one screw to remove the profile knife and tighten the same screw when the new knife is inserted.



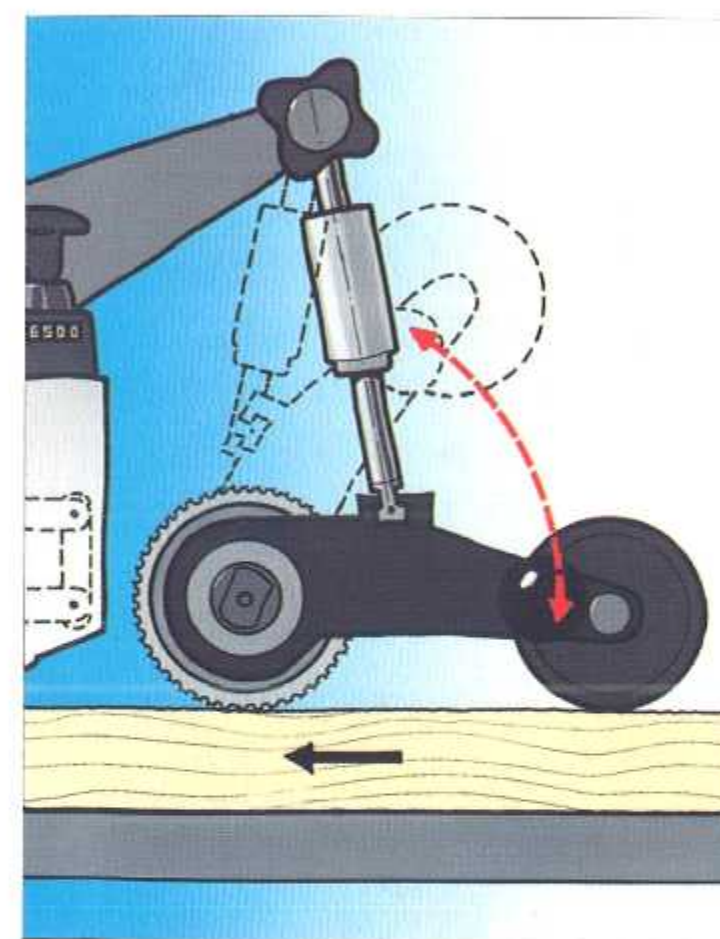
Chipbreaker in front of left spindle

Pivots automatically away from the tool.



Roller guide system

Very useful for jointing and straightening workpieces. The rollers contact and support the stock as it passes over the first bottom (jointing) spindle to reduce the chance that the workpieces are pushed flat against the infeed table. If the workpiece is flattened, no straightening can occur.



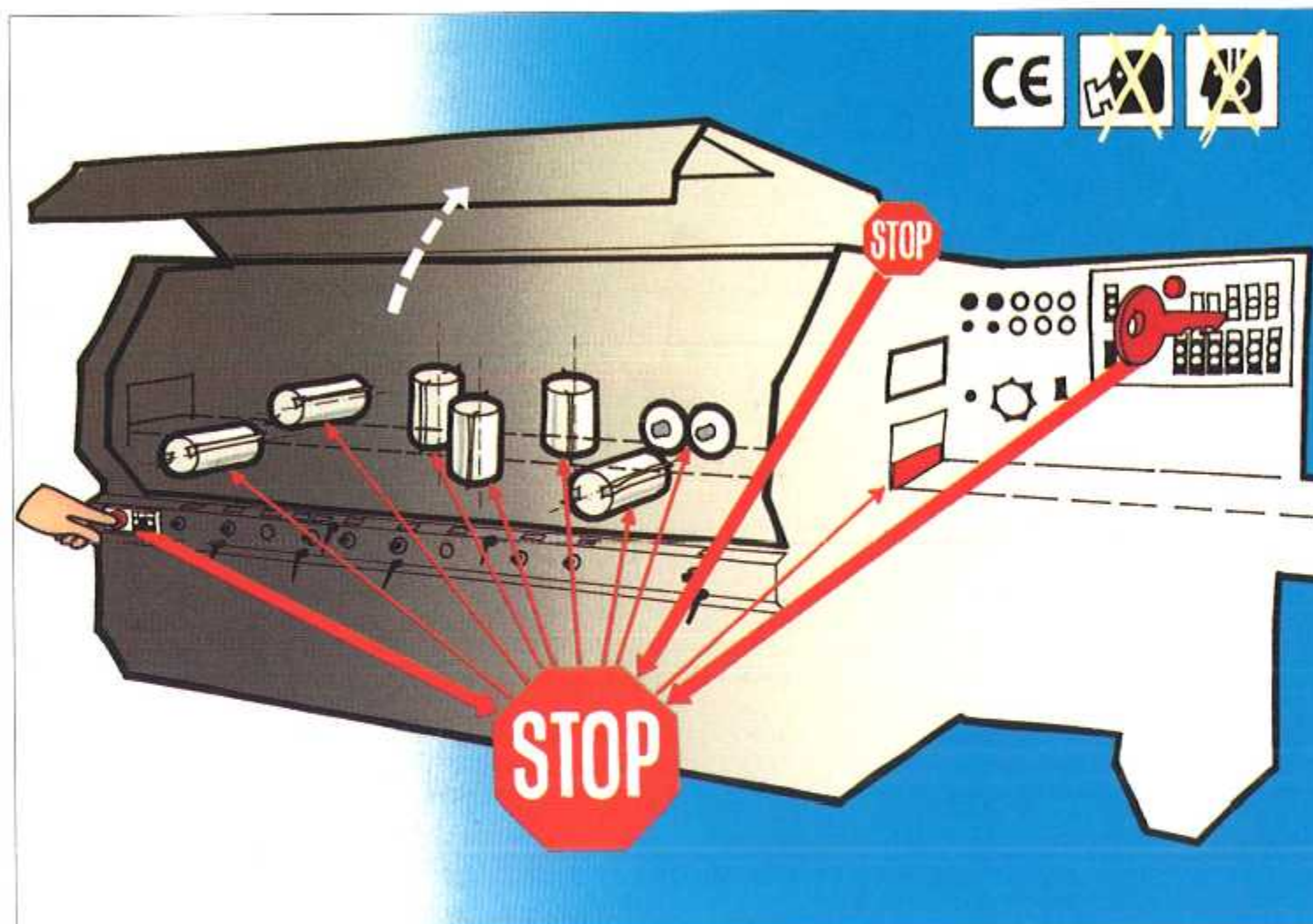
Pressure roller(s) swing away

Continuous pressure, even with large variations in material thickness in the area of the right spindle. The pressure roller does not have to be removed when changing tools - it just swings out of the way, making set-ups quicker.

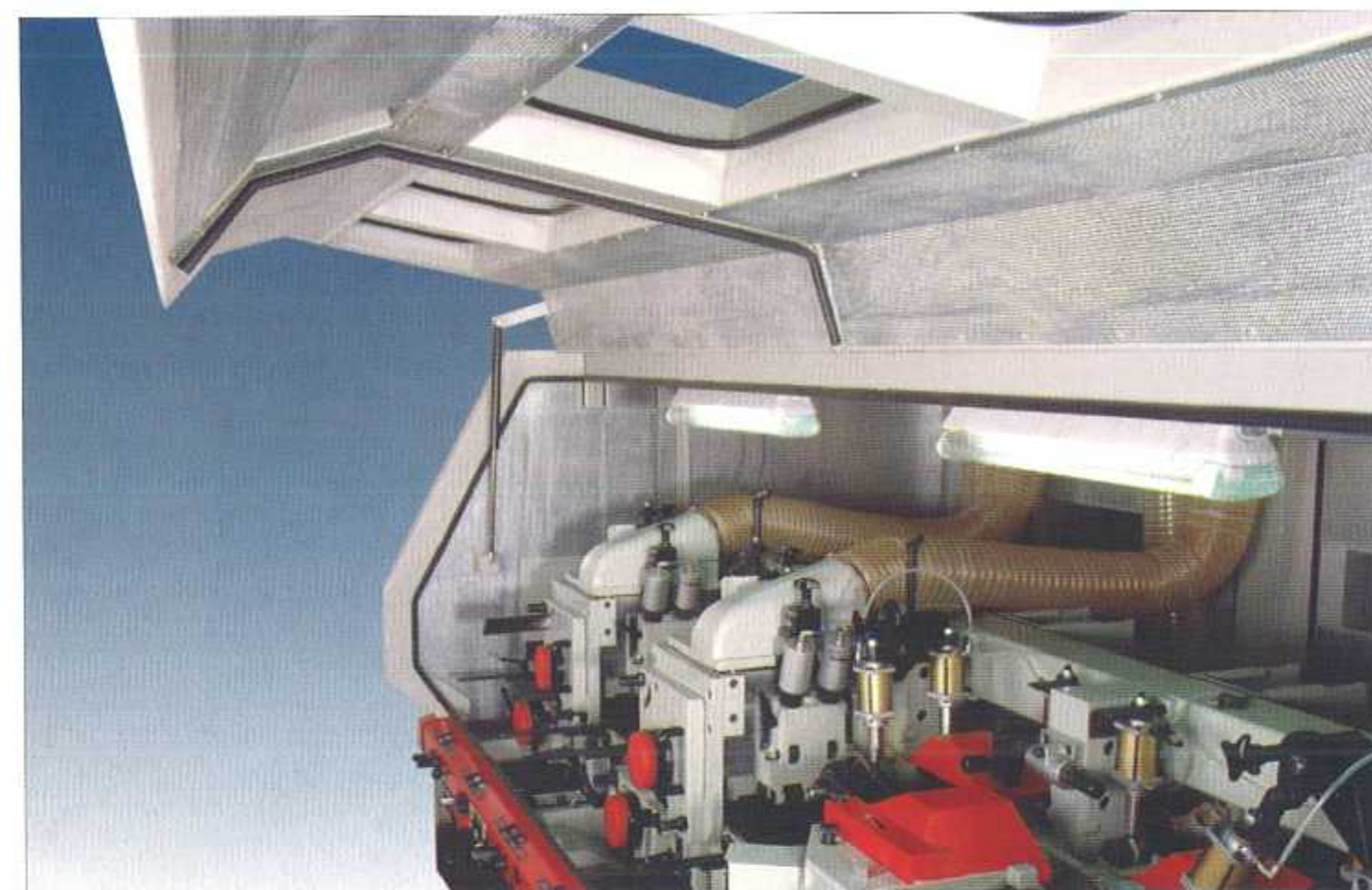


Receding chipbreaker in front of top spindle

When machining wood of varying thickness, the chipbreaker moves in an arc away from the cutters to reduce the chance for accidental contact.



Spindle brakes, mechanical and electronic
After 10 seconds all the spindles come to a halt for maximum safety. Also results in shorter set-up time.



Increased sound insulation
Even though the standard enclosure on our moulders comply with the CE standard, this increased sound insulation reduces the noise by up to another 18 dBa. No reduction in machine accessibility.



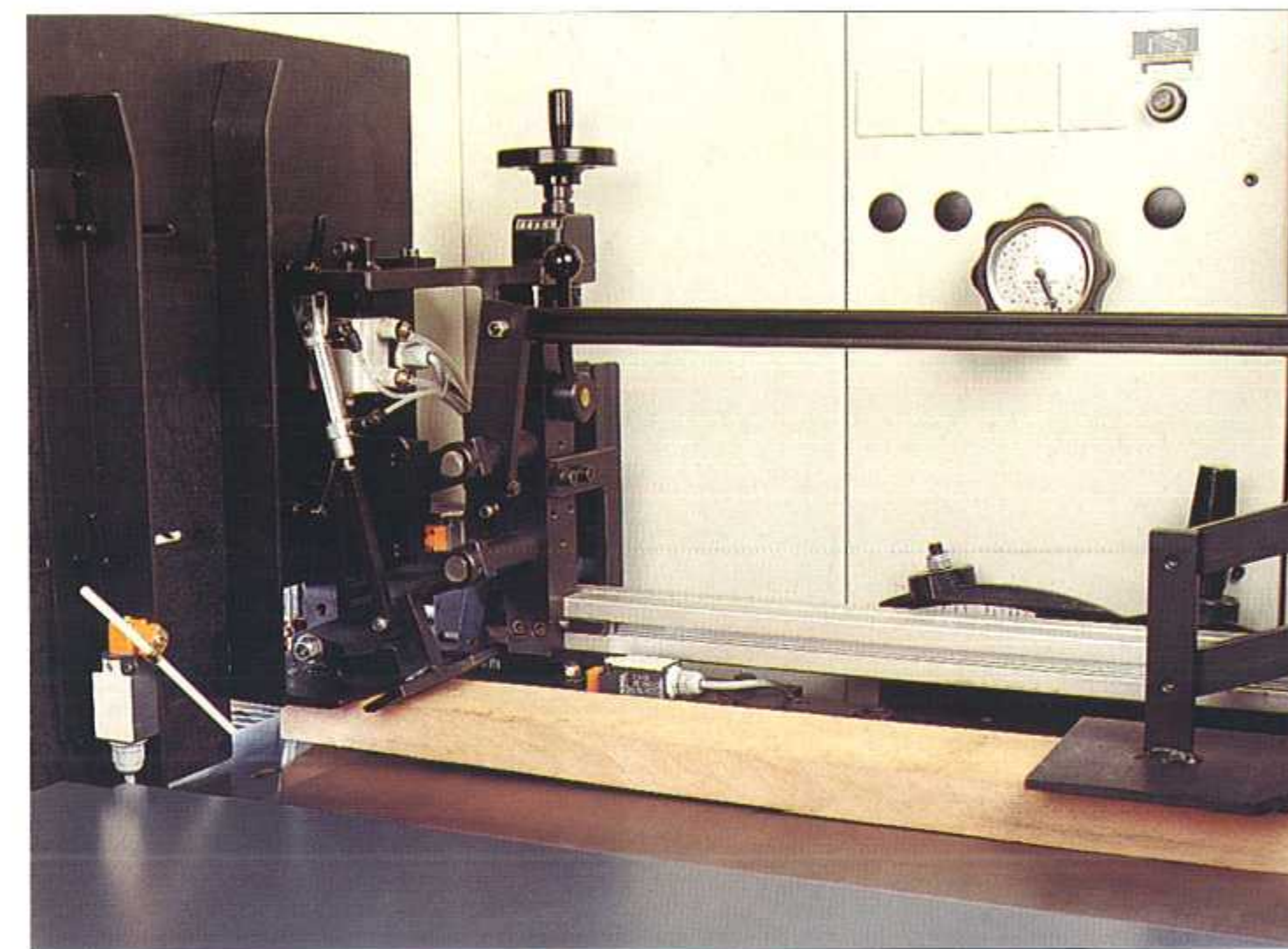
Protection against tear-up
Useful when processing very short workpieces as it prevents the feed roller in front of the top spindle from pulling the work-piece upwards.



Anti-kickback device
A "must" for sawing work and the production of multiple profiles. It prevents kickback and possible injuries to the operator.



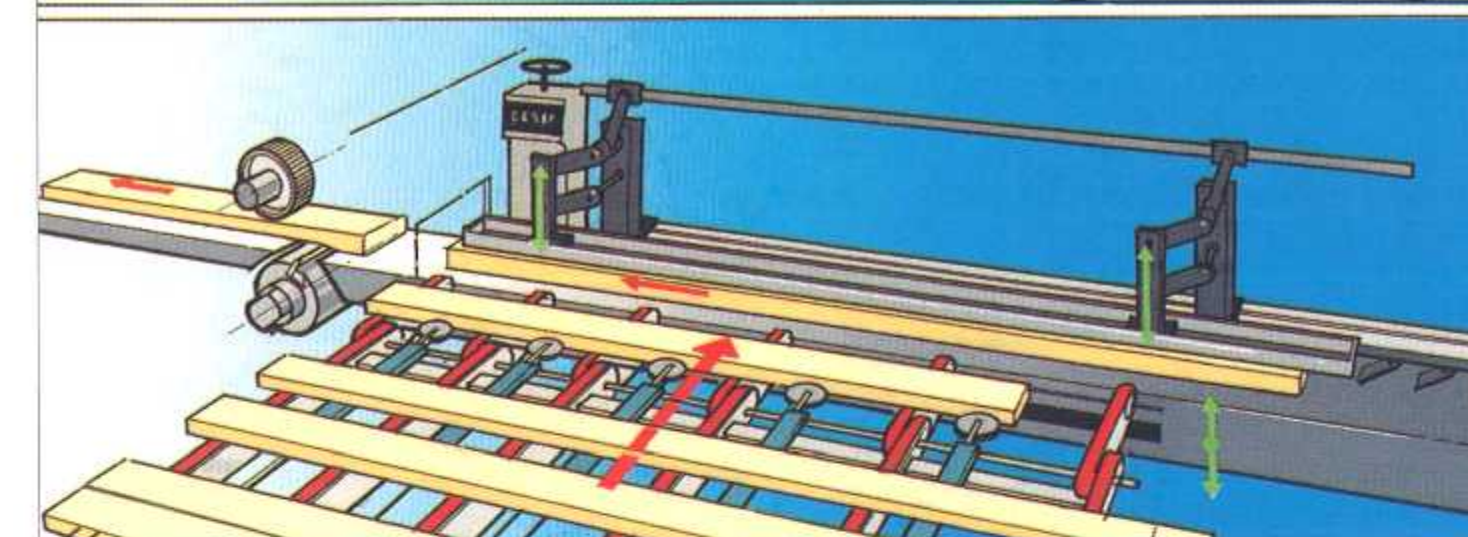
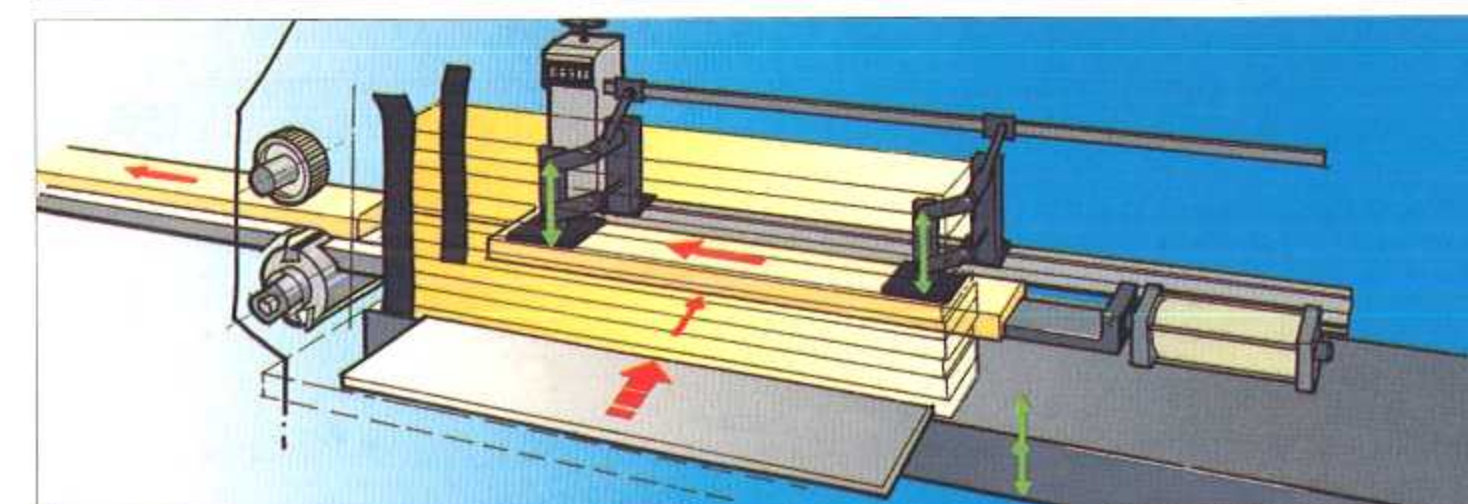
Interior lights facilitate the "insight"



Automatic surfacing: faster, safer, better

Forget about the cumbersome measuring, setting and manual feeding of every workpiece during surfacing. All you have to do with the automatic thickness measuring and surfacing system is to put the workpieces into the hopper feeder and set the desired workpiece thickness. Done. The precision of the system saves lumber. And a highly paid specialist is no longer necessary.

Pneumatic cylinders move the workpieces right up to the fence and guide them to the feed rollers.

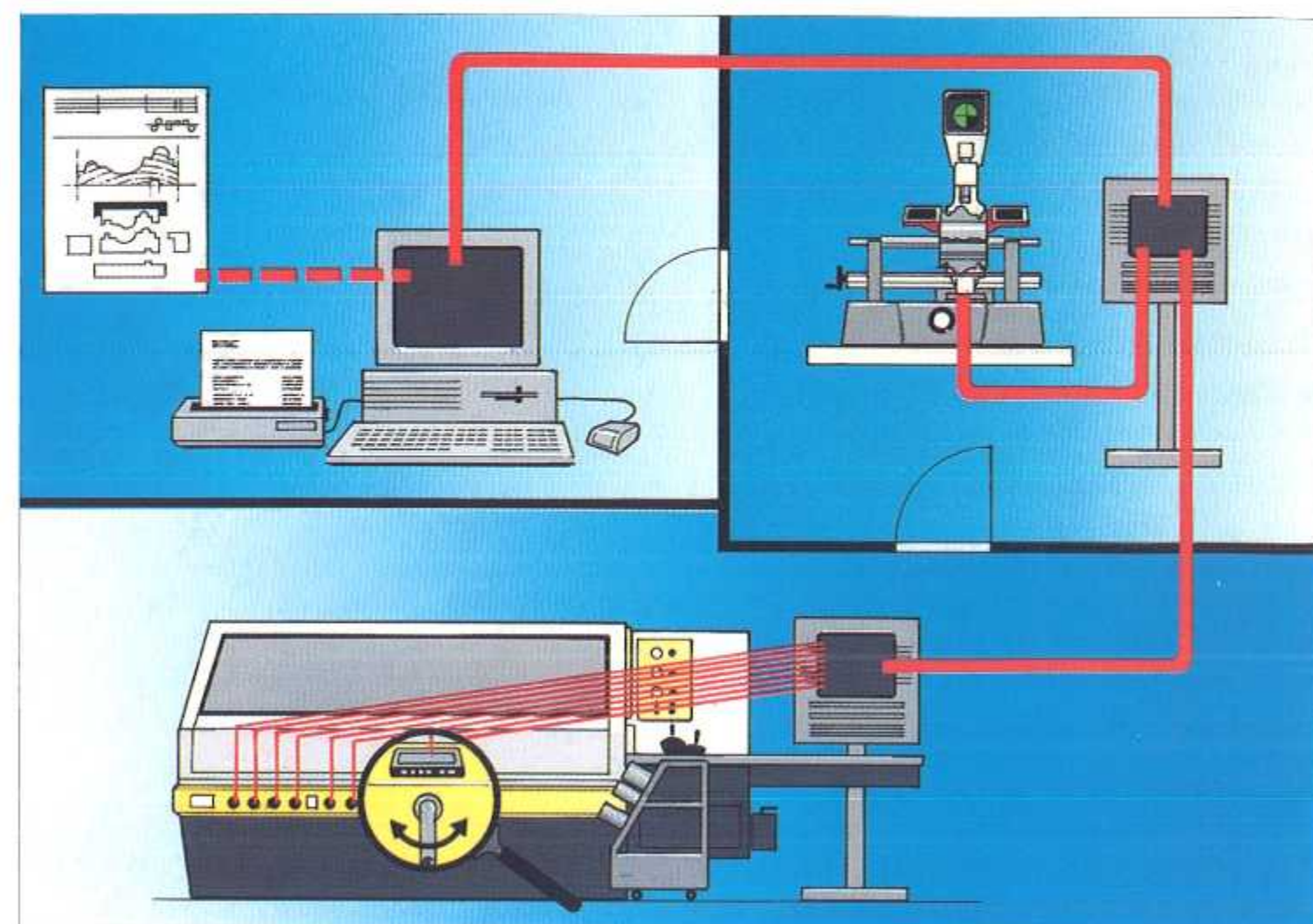


Weinig CAS-LogoPac: Up to 9,999 profiles under control

CAS-LogoPac is a computer-supported set-up and organization system. It manages all profile and tool measurements, computes the setting values for the spindles, and during the individual set-up phase it makes the data available directly at the spindle.

The setting times are substantially reduced. At the same time manual setting errors are eliminated. No more wood waste either, because even the first profile leaves the machine with 100% dimensional accuracy. New setting measurements are displayed by the computer at every spindle. All the operator has to do is match the displayed measurements.

But this is not all. CAS-LogoPac makes the organization around the moulder faster, leaner and more efficient.



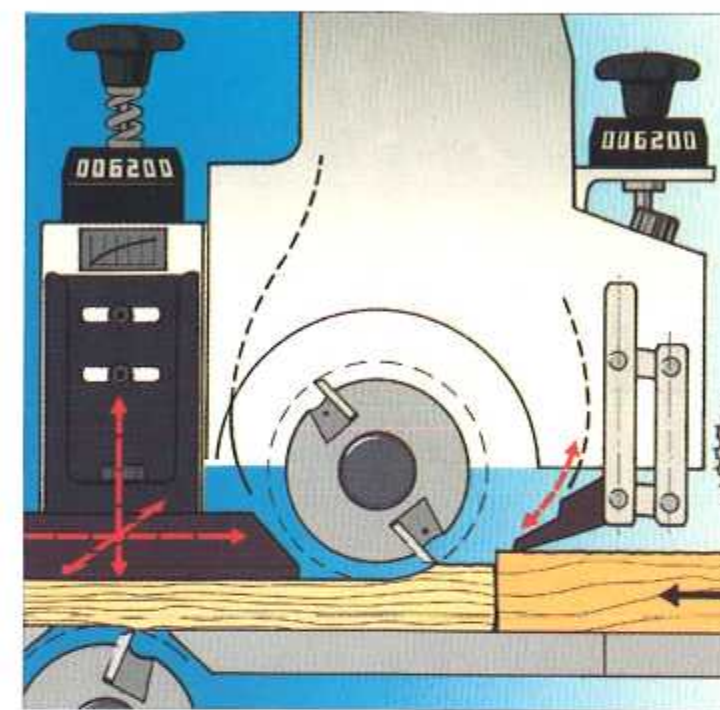
You record and manage the tooling measurements, profile names, raw wood dimensions, species, humidity and other customer-specific details of the profiles.

You can manage up to 99,999 tools according to tool number, tool type, number of knives, knife material. You store online the tool measurements arriving from the OptiControl measuring stand. You "make reference notes" of tool life, maintenance, etc.

All this data can be stored and accessed by the grinding room, machine operator and office in several languages and on disks.

For order processing you record the customers' orders and prepare the manufacturing orders for the moulders according to customer's name, profile, quantity and due date. The system will even optimize the run sequences.

**Ask for our CD-ROM on CAS-LogoPac!
Free!**



Pressure elements with mechanical digital readout

Measure the tool and set the radius. Quickly and precisely. Reduce setting time and set-up pieces (less waste).



Electronic digital display for high precision setting

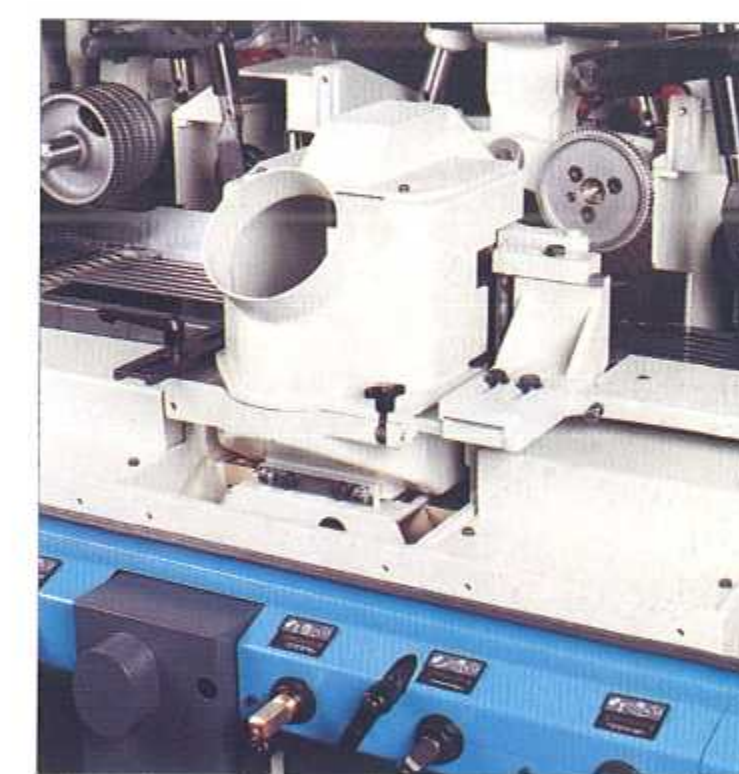
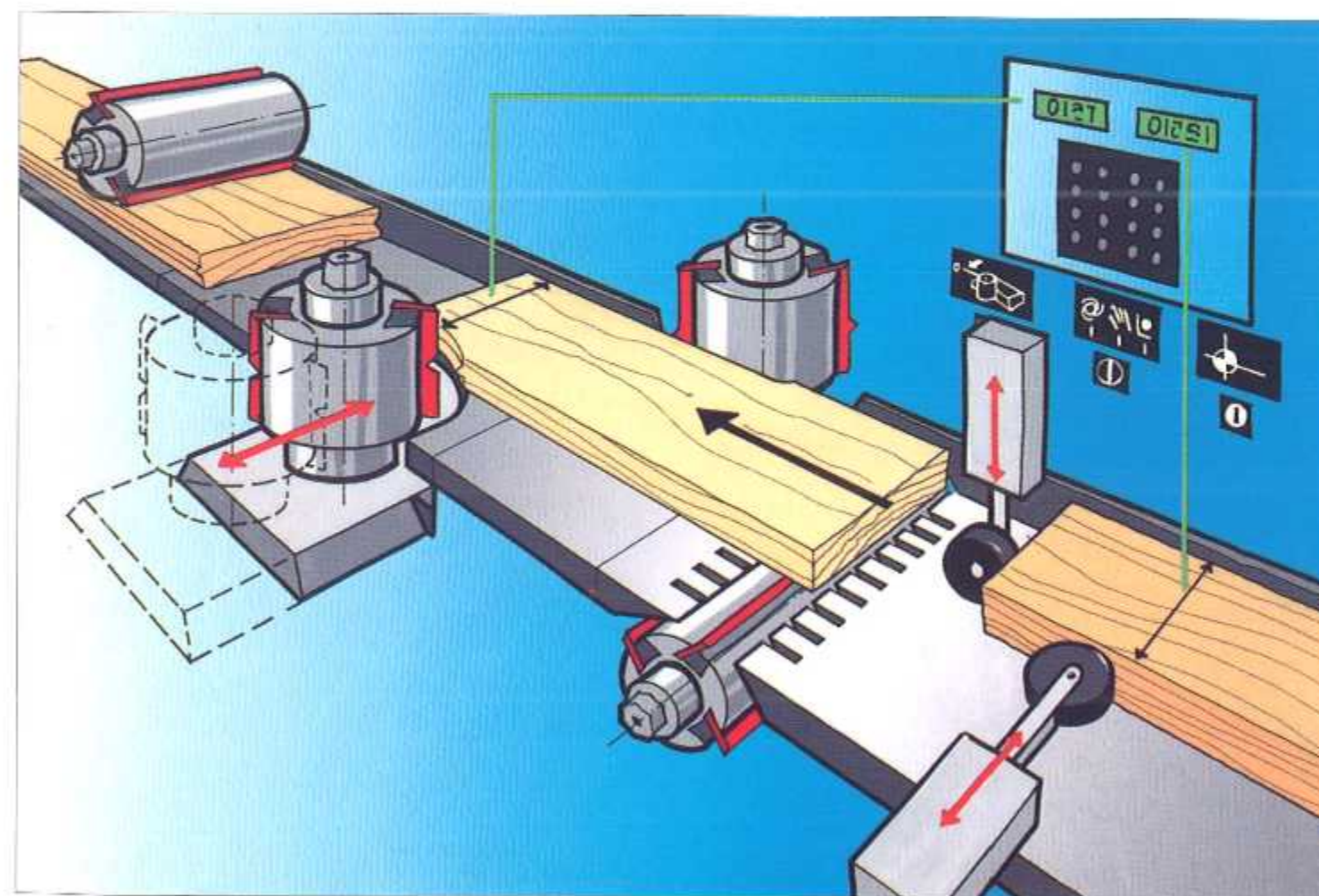
Mobile spindle: The intelligent solution.

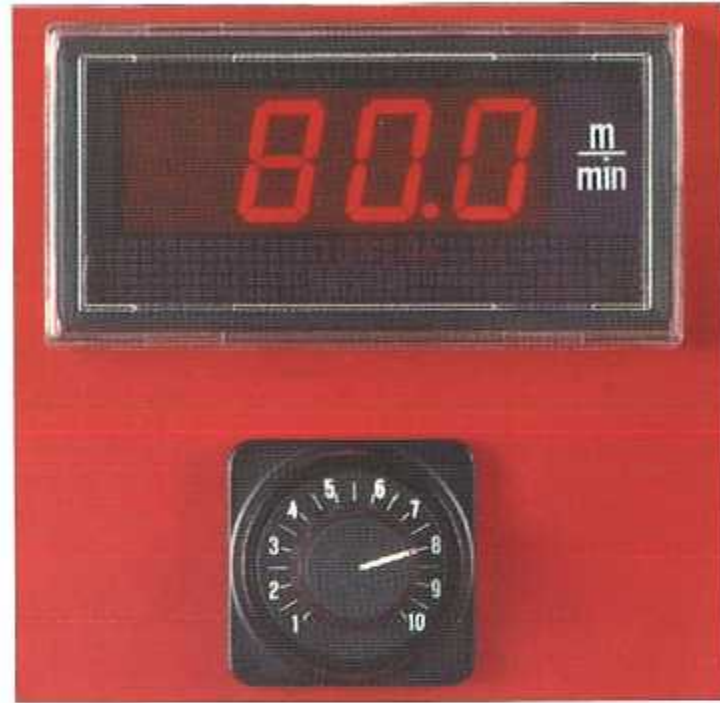
Maximize yield when edge-dressing random width material for edge-glued stock. Three modes of operation are possible. Chip removal can be programmed to remove a pre-set amount of stock. The spindle automatically adjusts itself to the workpiece widths, taking into account the programmed tool diameter.

The spindle can also position itself automatically to fixed widths with 40 separate widths stored in memory.

Lastly, the spindle can be positioned by the operator entering a width and tool radius.

The mobile spindle is an "extra" that decisively increases the benefit of your moulder.

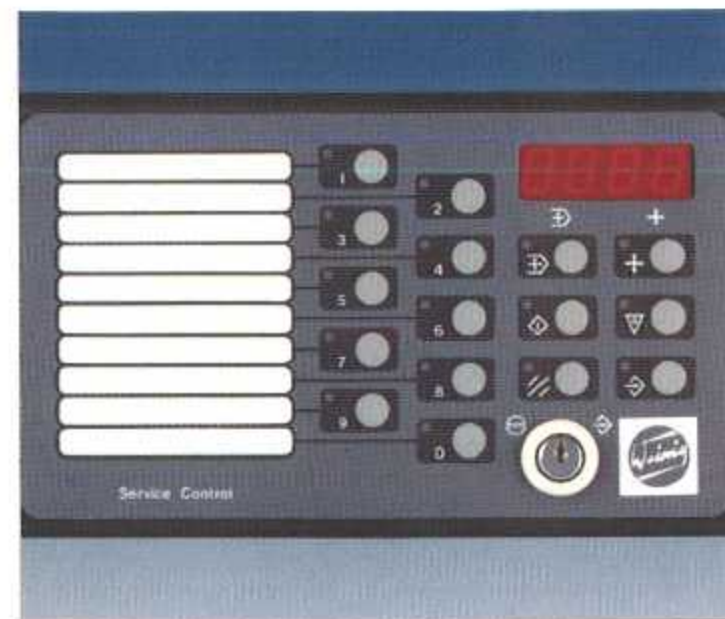




If you set up your moulder more than twice a day, then you need a Weinig Opticontrol measuring and display system.

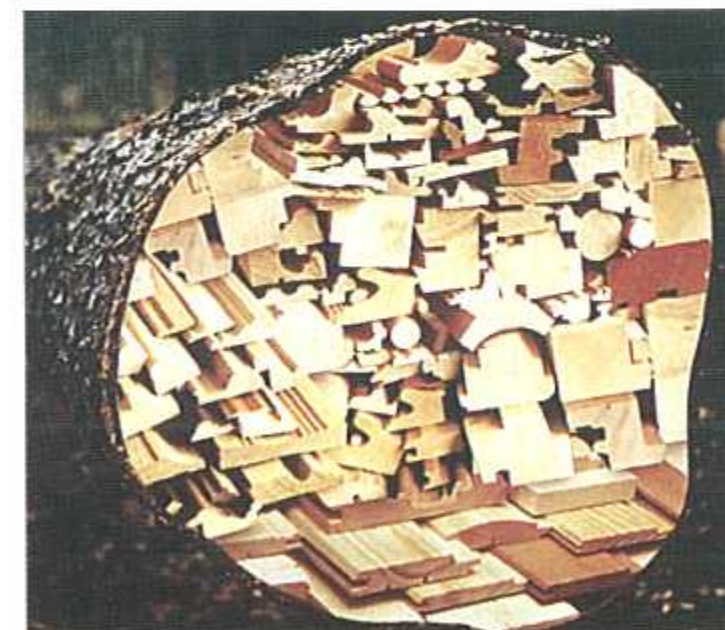
Electrical adjustment of the feed rate

- Electric digital display
- Faster adjustment, easily accessible
- Accurate



ServiceControl

You can program the maintenance requirements of Weinig's moulders within the Service-Control and it will automatically remind you when maintenance is due.

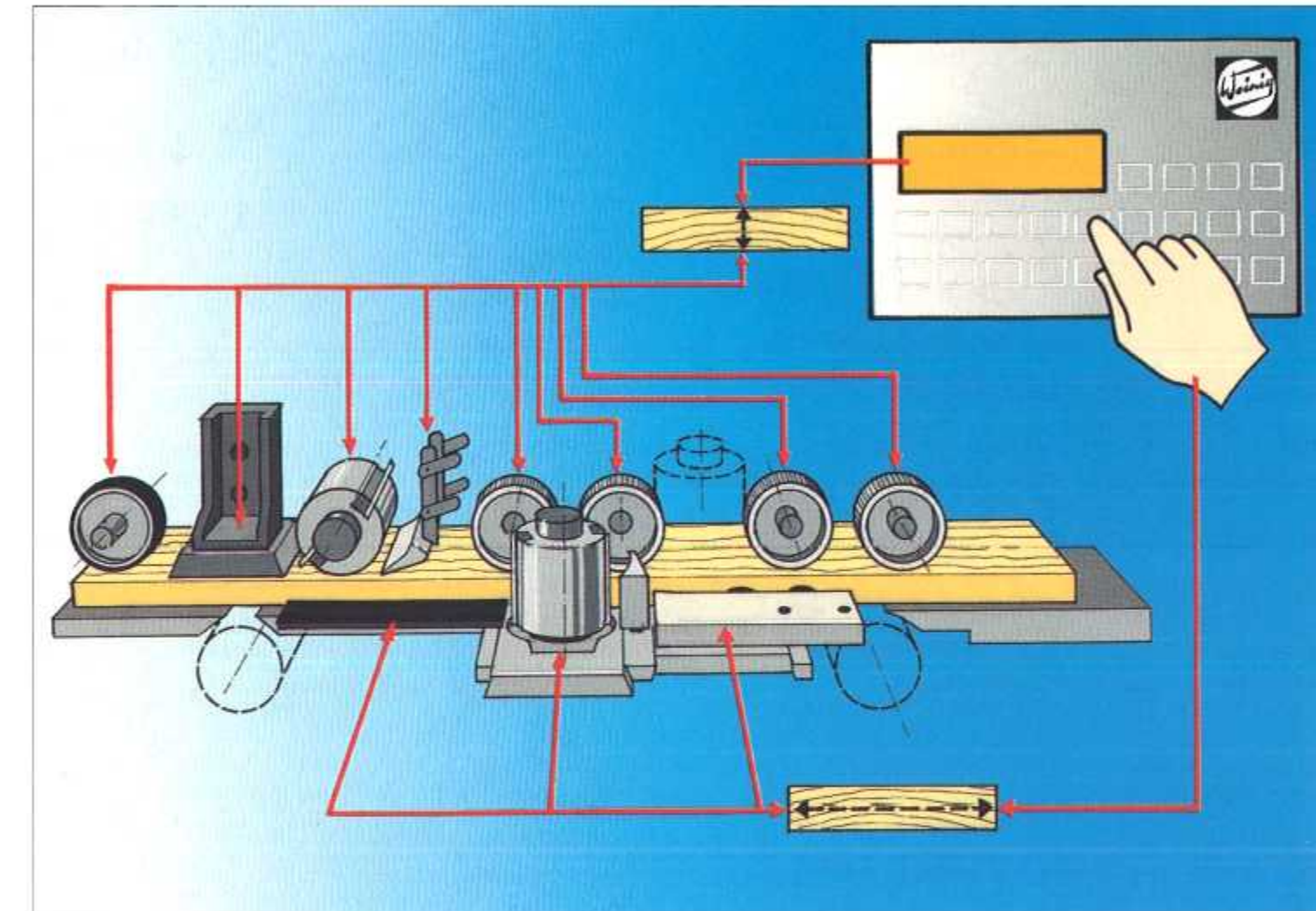


Retooling costs time. With Weinig's measuring and display system Opticontrol it is faster and more precise. Best of all is with the LogoPac software. You feed the computer with the profile measurements. Via the measuring stand you visually establish the tool measurements. And only seconds later you have the setting data for every spindle on the screen. Eliminate set-up pieces. No setting errors. No expensive CNC controls.



ATS-System: Up to 98 measurements by pressing a button

You can program up to 98 workpiece dimensions in the ATS-computer and retrieve them by pressing a button. Then the left and the top spindles take the tool radius into account and move automatically into the correct position. Exact to fractions of a mm. The first workpiece is ready to sell.



Model ATS/E without memory storage. Just enter the measurements and press the button.



Central position of the lubricating points at the front of the machine

Easier maintenance. And you do not overlook any lubricating points - such as those for the axial spindle adjustment.



Ammeter

For optimal utilization of the motor capacity and as a dull tool indicator.