

SOLID RIP V 310.

THE INTELLIGENT
CONCEPT FOR
PROFITABLE CUTTING.



WEINIG OFFERS MORE.



THE FAST AND SIMPLE WAY TO MAXIMUM PRODUCTIVITY.

Your customers' demands are increasing. Changing applications call for a high degree of flexibility. More than ever before, ripping must be an open system.

The VarioRip equips you well, irrespective of whether it is a multi-blade or optimizing rip saw. The robust, reliable model already stands out in the standard version with high quality equipment and it is extremely convenient to operate. If required, numerous intelligent options will extend your VarioRip to become a high performance system, enabling you to make a smart entry into wood optimization.

Ripping to width plays a key role in working with solid wood because optimized ripping means minimized costs. We have the concepts to put you right up front in this competition. Flexible, high performance systems tailored individually to meet your requirements. Yet they are convenient to operate, and can be set up in the shortest possible time. They are also extremely profitable and ideal for all types of enterprises – from interior trim to furniture manufacturers, from glued-up panels to saw mills.



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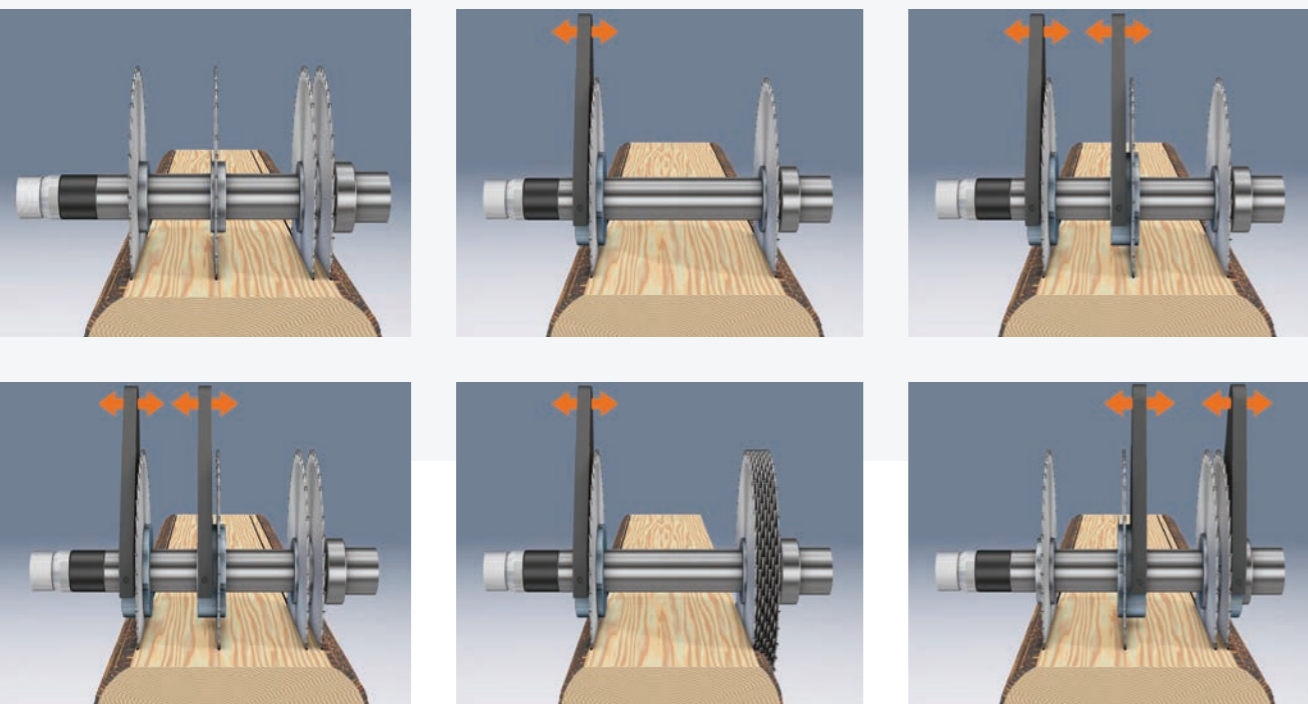
THE SOLID RIP V 310 – YOUR ADVANTAGES AT A GLANCE.

- Optimal cutting quality
- Glue-joint cut
- High productivity and economic efficiency
- Wide range of applications
- Excellent operating convenience
- Optimal for integration in system solutions
- Robust, durable design
- Maximum operator safety

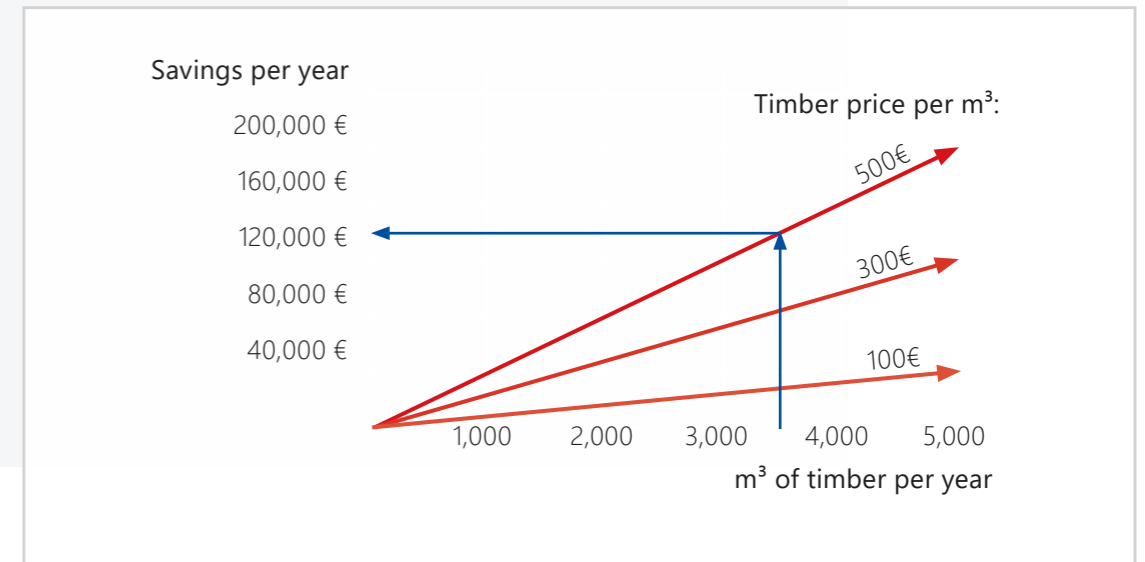
MOVING BLADE TECHNOLOGY: UNLIMITED FLEXIBILITY.

With a conventional fixed arbor setup, varying board widths, qualities and defects lead to material waste in the range of 8% on average. By contrast, the moving blade technology ensures that the raw material is used efficiently. With one or two moveable saw blades you adapt your VarioRip individually to any board. Due to this optimized timber yield, material and storage costs are reduced significantly. Timber optimization is equal to cost minimization. Moreover, the virtually unlimited number of possible combinations of fixed and moveable saw blades increases the flexibility of your production and thus facilitates just-in-time and small-batch production.

POSSIBLE COMBINATIONS.

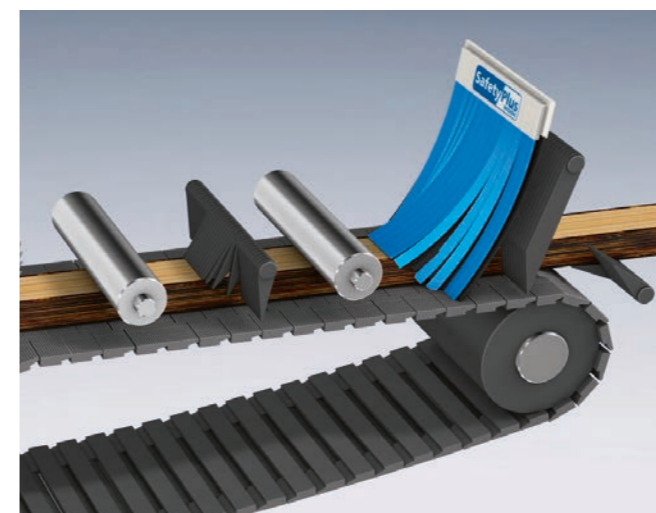


POTENTIAL SAVINGS THANKS TO MOVING BLADE TECHNOLOGY.



QUICKFIX: TOOL FREE CHANGEOVERS WITHIN SECONDS.

You have never before set up a machine as easily and conveniently as with the patented Quickfix fast-release system. Everything is done in the shortest possible time: Release hydraulic pressure, insert wood samples. Shift saw blades on the arbor, apply hydraulic pressure. Done. Without any bushings, spacers or tools.

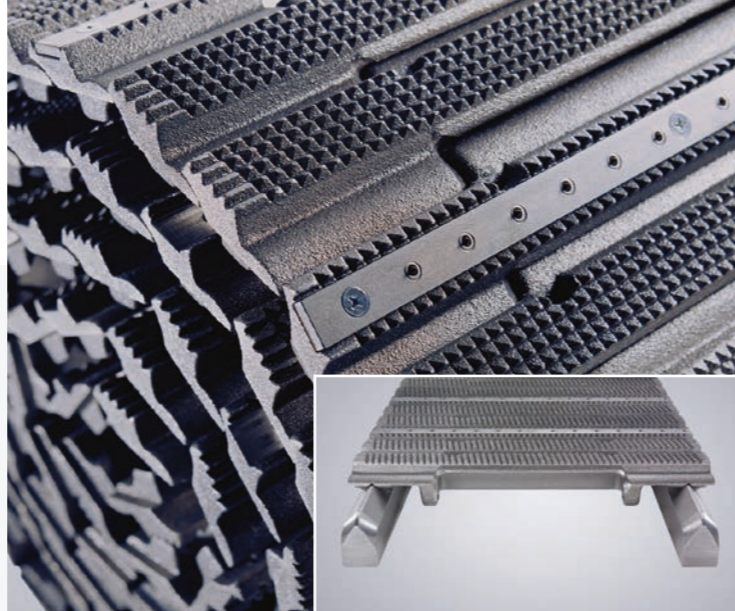


SAFETYPLUS: MAXIMUM OPERATOR SAFETY.

SafetyPlus guarantees maximum operator safety. The patented Kevlar and polyurethane protection concept complements the conventional types of kick-back protection. The hazard zone is optimally sealed.

CHAIN FEED: RELIABLE TRANSPORT OF ANY TYPE OF MATERIAL.

Reliable material transport is the crucial prerequisite for optimal material yield, long tool service lives and high productivity. The chain feed on your VarioRip is exactly the right equipment. The entire surface of the workpiece rests on the chain and is conveyed precisely through the saw. Prisms on both sides ensure an absolutely straight, play-free chain guide. The closed chain prevents splinters from jamming and thus guarantees high operating reliability.



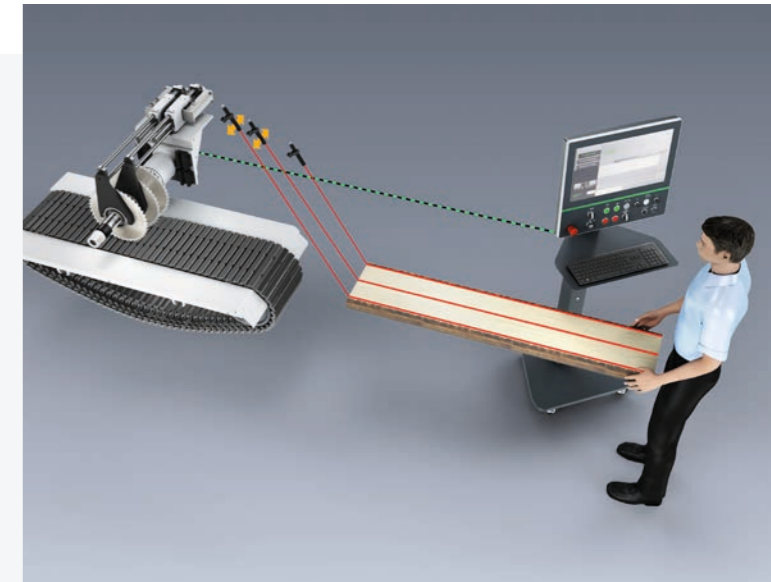
GET MORE OUT OF YOUR RAW MATERIAL.

RIPASSIST: AUTOMATIC WIDTH OPTIMIZATION.

You have never got the optimum out of your raw material as easily as with RipAssist:

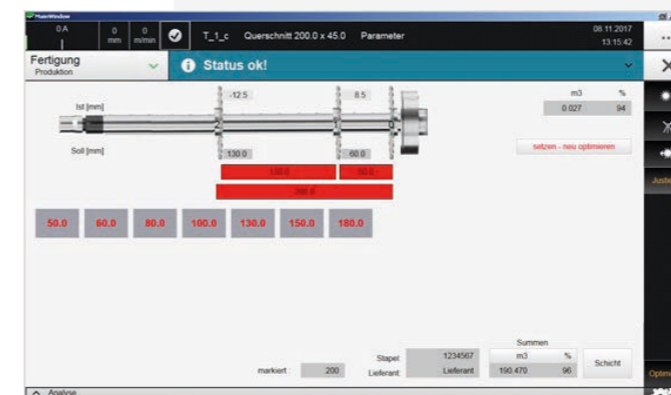
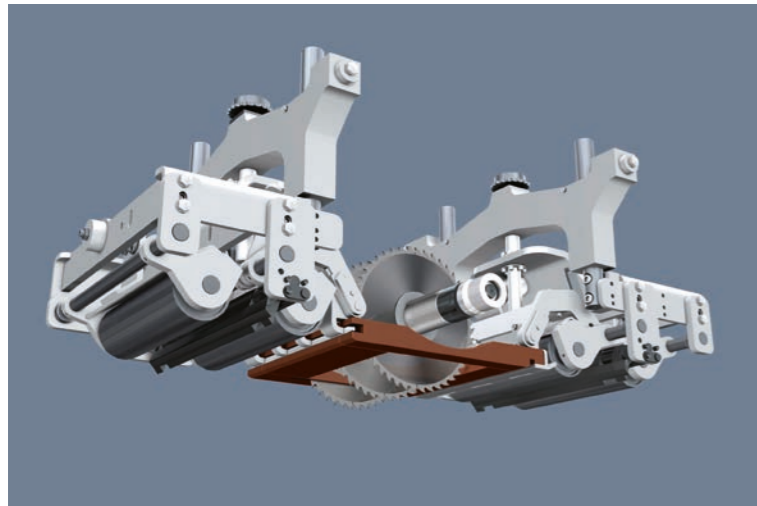
1. Align board to fixed laser
2. Mark the board width
3. Done!

RipAssist automatically calculates the optimal ripping solution for each board and positions the movable saw blades accordingly. The operator checks the result via the laser lines on the board and can correct the solution by means of the joystick or touchscreen, if necessary.



COMBINED PRESSURE UNIT: IDEAL MATERIAL CONTROL.

Tough everyday operation is our benchmark. The combined pressure unit equips you perfectly for difficult tasks. Big, heavy pressure rollers – combined with the proven WEINIG pressure board – fix the timber reliably on the transport chain. This guarantees absolutely precise material guidance even with heavy and warped timbers.



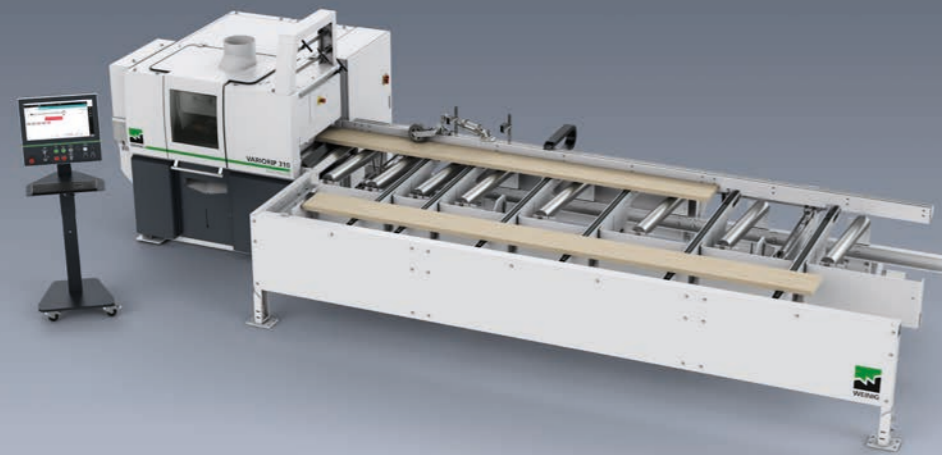
PROFICUT DIRECT: EVERYTHING UNDER CONTROL.

The ProfiCut Direct control system is the foolproof way to a higher timber yield. It also offers many functions which can be performed conveniently via a touch screen or joystick:

- Cutting list entries and statistics for easy production planning
- Machine diagnostics and the modification of parameters for effortless maintenance
- Selection of:
 - Variable widths, e.g. for edging
 - Fixed dimensions, e.g. ripping widths according to a cutting list
 - Online service (option: remote maintenance) for easy maintenance and high availability

FROM STANDARD MACHINE TO SYSTEM SOLUTION.

We design cost-effective system solutions for all aspects of your multi-blade and moving blade machines. Our components are superbly matched to each other, allowing any combination, and enabling long-term high level performance. That is the only way to fully exploit the full potential of each machine and achieve the highest throughput and maximum material yield.



STANDARD FEATURES AND OPTIONS IN COMPARISON.



	✔ Standard	○ Option
Max. cutting width	310 mm	
Chain width*	340 mm	
Max. number of movable saw blades	2	
Max. outlet width / infeed width	650 mm	1,100 mm
Max. cutting height with Quickfix flanges (without pressure board)	95 (110) mm	
Max. cutting height with movable saw blades (without pressure board)	85 (100) mm	
Min. timber length with pressure board in use	410 mm	320 mm
Feed speed	5 - 35 m/min	
Motor power	22 kW	30 kW, 37 kW
Number of pressure rollers	4	
Saw blade diameter min./max.	300 mm / 350 mm	
Weight	2,060 kg	
Dimensions length x width x height	1.75 x 1.75 x 1.87 m	
Working height	850 mm	
Dust extraction diameter	250 mm	
Required dust extraction speed	30 m/sec	
Required dust extraction volume	5,300 m ³ /h	
Noise emission at the machine in idle motion / in operation *	LpA = 77 / 82 dB(A)	
Sound volume in idle motion / in operation	LpA = 93 / 97 dB(A)	
Quickfix incl. 4 clamping devices and 4 saw blades	✔	
Electrical height adjustment of saw shaft	✔	
Electrical height adjustment of pressure unit	✔	
Laser on machines with blade adjustment	✔	
Laser on machines with fixed arbor setup		○
ProfiCut Direct controls		○
RipAssist / RipAssist Pro		○
Remote maintenance		○
High performance chain		○
Spikes		○
Conveyor chain with rubber inserts		○

* according to EN 1870-4 and ISO 7960 annex Q; uncertainty constant value K = 4 dB(A)

Subject to technical modification. Statements and pictures in this brochure may also include optional extras which are not included in the standard serial equipment. Some of the photos show the machine with the protective covers removed.

Do you need personal consultation?

Contact your WEINIG expert or send
an e-mail to sales@weinig.com

WEINIG OFFERS MORE.

Those who buy a WEINIG machine today know that they are optimally equipped for the future of their business.

100% Quality – WEINIG machines must satisfy the highest standards. That is why the greatest care in development and manufacturing is a traditional virtue at WEINIG. You benefit from this by the long service life of your valuable investment.

Reliability – The availability of a machine determines how profitable your business is. WEINIG's systems are known for their high standard. More than 80,000 machines from WEINIG are operating around the globe to the utmost satisfaction of our customers.

Expert advice – Whether you need the expertise of WEINIG for turnkey solutions or the know-how of a WEINIG expert at your door – you can always rely on our committed sales team. Ultimately you will have a customized solution that offers you maximum added value.

Everything from a single source – With WEINIG you have an experienced full service provider as your partner. From rough cutting to stacking, from a stand-alone machine to a fully automated turnkey production line. And, of course, including a comprehensive service package.

LifeTime services – Reliability is reassuring. If worse comes to worst, our trained service engineers will be quickly on site. WEINIG maintains a unique closely woven service network worldwide. It is so closely woven that no customer can fall through!



Contact us!

Let us determine with you in a personal conversation which version of the SOLID RIP V 310 fits your individual requirements and which useful options are exactly right for you.

We will be happy to advise you!
Your WEINIG experts

WEINIG GROUP

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weinig.com

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