

FLEXIRIP JRIONLINE.

THE UNIVERSAL LONGITUDINAL CIRCULAR SAW —
THE ALL-ROUNDER FOR EVERY SIZE OF OPERATION



WEINIG OFFERS MORE.



WEINIG FLEXIRIP – THE BYWORD FOR FLEXIBLE CUTTING.



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The genuine Jrion from WEINIG offers universal applications in small, medium-sized and large operations. When it comes to cutting planks, boards and panels, the FlexiRip has established a reputation as an efficient and flexible longitudinal circular saw.

Users particularly appreciate its ease of use, high levels of flexibility, optimal wood yield and one-man operation. FlexiRip: the solution for your cutting requirements!

Many materials such as plastic, aluminum and composites can be processed in addition to solid wood and panels.

The cutting length and effective width of your FlexiRip are defined according to workpiece dimensions. Operation is as simple as this: Lay and align the workpiece on the machine table and initiate cutting via the pedal – it doesn't get any easier than this! The cutting feed is infinitely variable from 0 - 80 m/min.

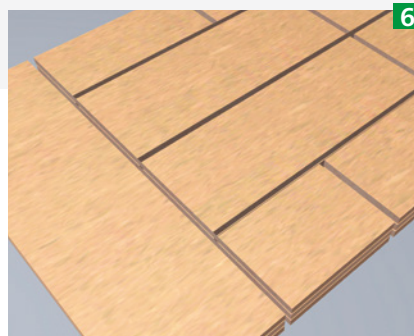
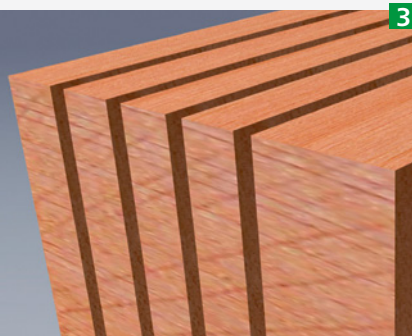
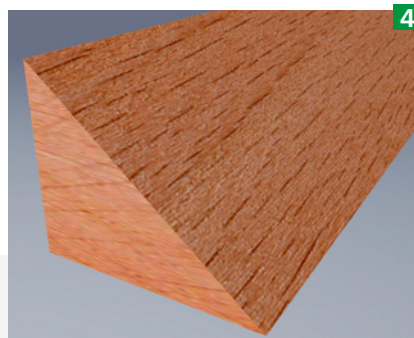


THE FLEXIRIP – UNBEATABLE IN UNIVERSAL APPLICATIONS!

- Efficient and powerful
- Extremely flexible for a variety of applications
- High production output, even with extremely hard materials
- High cutting accuracy
- Optimum material yield
- Comfortable one-man operation
- Quick saw blade change
- Highly user-friendly
- High operational safety
- Extremely robust
- Can be integrated in cutting systems

FLEXIRIP: AN ALL-ROUNDER FOR VERSATILE USE.

The FlexiRip is optimally designed for a wide range of applications: width cutting, cross-cutting / lengthwise cutting, diagonal cuts, miter cuts – all with one machine! With cut heights up to 210 mm, the FlexiRip offers outstanding flexibility for all operational requirements.



ONE MACHINE, NUMEROUS APPLICATIONS.

1. Width cutting
2. Lengthwise cutting
3. Beam cutting and large cutting heights
4. Miter cuts
5. Diagonal cuts and beveled cuts
6. Multilayer cutting (e.g. panels)

PERFECT SAW CARRIAGE CONCEPT.

The guide system of the saw carriage is designed for high loads and optimal cutting quality:

The saw carriage is guided via lateral rollers with counter bearings on wear-free, hardened and polished tracks. This concept ensures extreme rigidity, play-free action and high cutting precision even under heavy loads. If the cutting pressure becomes excessive, the anti-blocking system ensures optimum machine safety.



EXACT POSITIONING OF THE WIDTH STOP.

The width stop is positioned via play-free and low-wear ball screws. This ensures uniformly smooth adjustment and optimum accuracy, even with heavy workpieces. The ergonomically arranged joysticks and large width dimension display ensure easy operation.

INNOVATIVE MACHINE DESIGN.

The robust machine design ensures optimum cutting accuracy even with heavy workpieces and large cutting heights. The innovative protective lamellae provide active operator and machine safety. The front machine panel can be opened effortlessly for quick and easy maintenance. This allows easy access to the interior of the machine. Saw blade changes can be carried out conveniently and in no time at all thanks to the proven Easyfix quick-clamping system and the protective hood that can be opened in seconds. The laser cutting indicator is safely positioned within the protective cover.



FLEXIBLE MACHINE TABLE.

The abrasion-resistant, special low-friction support plates in the front section of the machine table allow easy moving and alignment of even heavy workpieces. Thanks to special prismatic positioning, various machine components such as a cross stop, ball plates, miter templates, angle stop, etc. can be precisely positioned and attached along the complete cutting length.

PERFECTLY TAILORED TO YOUR SPECIFIC APPLICATION.



OPTICUT C 700 FLEXI.

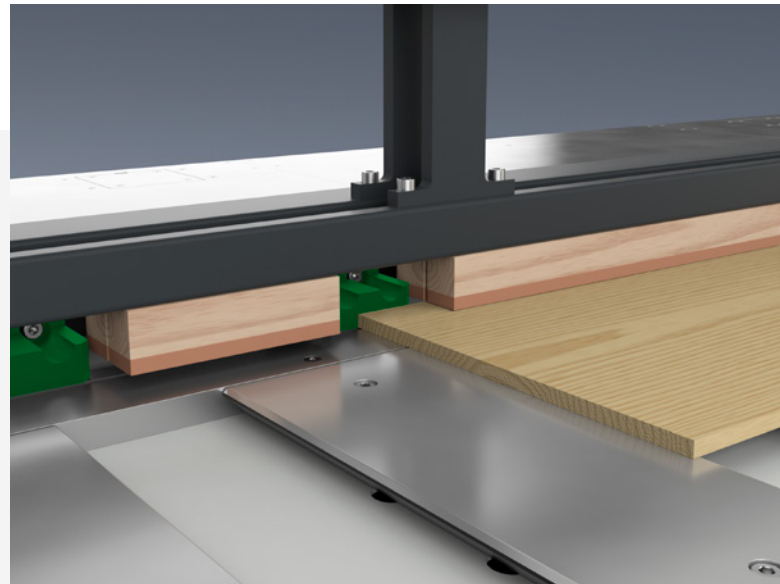
The OptiCut C 700 Flexi cross-cut saw can be added to the FlexiRip to create a complete cutting system. This allows one-man operation for cross-cutting and ripping. The OptiCut C 700 Flexi can be mounted on linear guides for easy adjustment to the required workpiece width, enabling you to cut efficiently and save space.

FLEXIRIP ANTI-BLOCKING SYSTEM.

If the maximum permissible load is exceeded, the saw blade automatically lowers to prevent blocking. The saw carriage then returns to the start position. Your advantage: reliable protection against machine overload and “jamming” of the saw blade.

HOLD-DOWN UNIT.

The force-guided hold-down unit ensures secure fixing of the workpiece on the machine table, enabling excellent cutting results. The wooden insert with rubber-coated surface provides optimum grip, especially when producing narrow workpieces. A special measuring system in the hold-down unit automatically detects the height of the workpiece and optimally adjusts the saw blade protrusion. This way you will always achieve the best possible cutting quality.



STRIPLOCK KERF SEAL.

The patented automatic kerf seal reliably prevents wood chips and narrow strips from entering the machine interior or jamming. StripLock decisively increases machine safety and productivity.

GROOVING WORKPIECES.

With the infinitely variable cutting height adjustment and the automatic grooving function, you can cover an even wider range of applications with the FlexiRip. Programming takes place directly on the touchscreen and enables you to produce grooved workpieces efficiently.



USABLE WIDTH AND ORIENTATION.

By default, the adjustment range of the width stop allows a useful width of up to 600 mm. For processing panels, the adjustment range can be extended to 2,500 mm and beyond. Ball plates that can be inserted and repositioned as required in various lengths as well as a flexibly usable cross table facilitate the alignment and repositioning of heavy workpieces.

CLEARING FUNCTION.

The FlexiControl comes with a clearing function as standard. This function lowers the hold-down unit and retracts the width stop. Especially with hard and stressed solid wood, the clearing function offers a high level of safety and enables trouble-free ripping.

EVERYTHING EASILY UNDER CONTROL.

FLEXICONTROL: THE CONTROL UNIT.

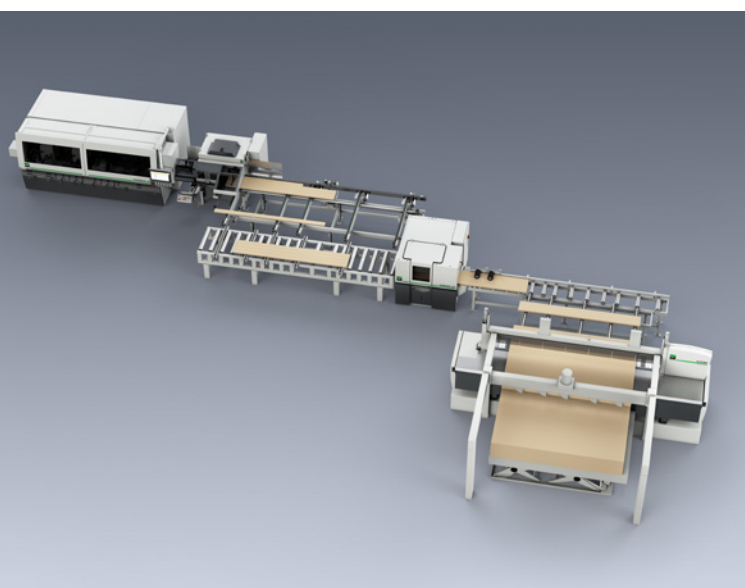
- Easy and intuitive operation
- Ergonomically designed joysticks
- Large 21.5" color touchscreen
- Width stop clearing function
- Control of absolute and resulting dimensions
- Cutting program with adjustable workpiece number
- Automatic cut initiation – optional
- Cut and hour counter
- Clear diagnostics



IDEAL FOR SYSTEMS AND SPECIAL SOLUTIONS.

THE FLEXIRIP AS A SYSTEM COMPONENT.

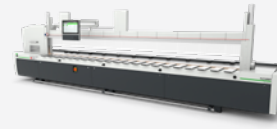
The FlexiRip is an excellent system component in fully automated systems. And the WEINIG Group's extensive product portfolio for solid wood processing makes it possible to create specifically equipped and flexible system solutions to match the individual requirements of the customer. This provides our customers with end-to-end processing solutions, from the raw material to the profiled moulding.



Do you need personal consultation?

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

STANDARD FEATURES AND OPTIONS IN COMPARISON



	Standard	Optional
Cut lengths*	2,200 – 7,200	up to 16,200
Usable widths*	600 mm	up to 2,500 mm
Max. cut height	210 mm	
Saw blade Ø	300 - 650 mm	
Saw shaft Ø	30 mm	
Saw blade mount Ø	80 mm	
Motor	11 hp	15.0 (18.5) hp
Spindle speed	2,900 RPM	frequency-controlled
Infinitely variable cutting feed adjustment	0 – 80 m/min	
Total machine length	Cut length + 2,035 mm	
Total machine width	Usable width + 970 mm	
Working height	915 mm	
Extraction speed	min. 30 m/sec	
Extraction volume	approx. 4,340 m ³ /h	
Extraction connections	2 x 160 mm Ø	
Workplace noise emissions during idling / processing ¹	LpA = 75 / 88 dB (A)	
Sound power level during idling / processing ¹	LwA = 94 / 106 dB (A)	
Laser 30 mW	✓	
Easyfix saw blade change	✓	
Clearing function	✓	
Anti-blocking system		○
Hold-down unit, length 3,000 mm, arranged on the left		○
Additional hold-down unit (from 4,200 mm cut length)		○
Hold-down unit with wooden insert and rubber coating**		○
Automatic setting of the saw blade projection**		○
Positioning stop via joystick / digital display	✓	
Touchscreen controls		○
Pivotable control panel on swivel arm***		○
Automatic cut initiation***		○
Automatic cut shortening on forward motion***		○
Infinitely variable cutting height adjustment / grooving of workpieces		○
Fingerprint sensor		○
Automatic kerf seal		○
Insertable bearing plates		○
Insertable miter templates		○
Insertable radial stop		○
Removal of the workpieces		○
Front transverse table, movable, with scale and fixed stop		○
Mobile pedal		○
OptiCut C 700 Flexi cross-cut saw (cutting widths up to 750 mm, cutting heights up to 210 mm)		○

¹ in accordance with EN 1870-4 and ISO 7960 Annex Q; measurement uncertainty constant K = 4 dB (A); * larger cutting lengths and effective widths on request; ** option only available in conjunction with hold-down unit; *** option only available in conjunction with touchscreen control; subject to alterations.
Statements and pictures in this brochure may contain items that are not included in the standard scope of delivery. Some protective covers were removed for photographing.

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.

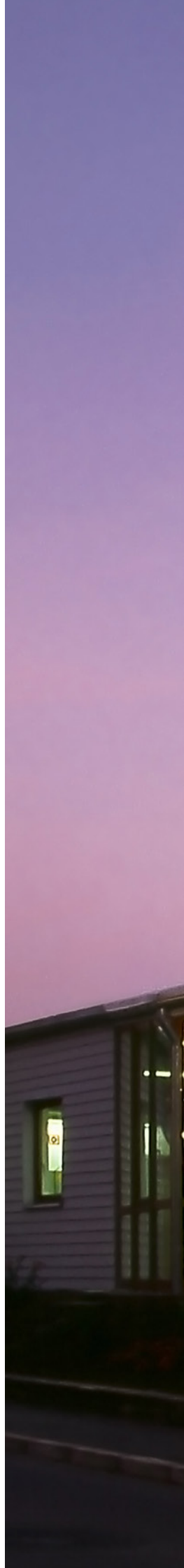
Reliability – The availability of a machine determines how profitable your business is. WEINIG's systems are known for their high standard. More than 80,000 machines from WEINIG are operating around the globe to the utmost satisfaction of our customers.

Expert advice – Whether you need the expertise of WEINIG for turn-key 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 FlexiRip 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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