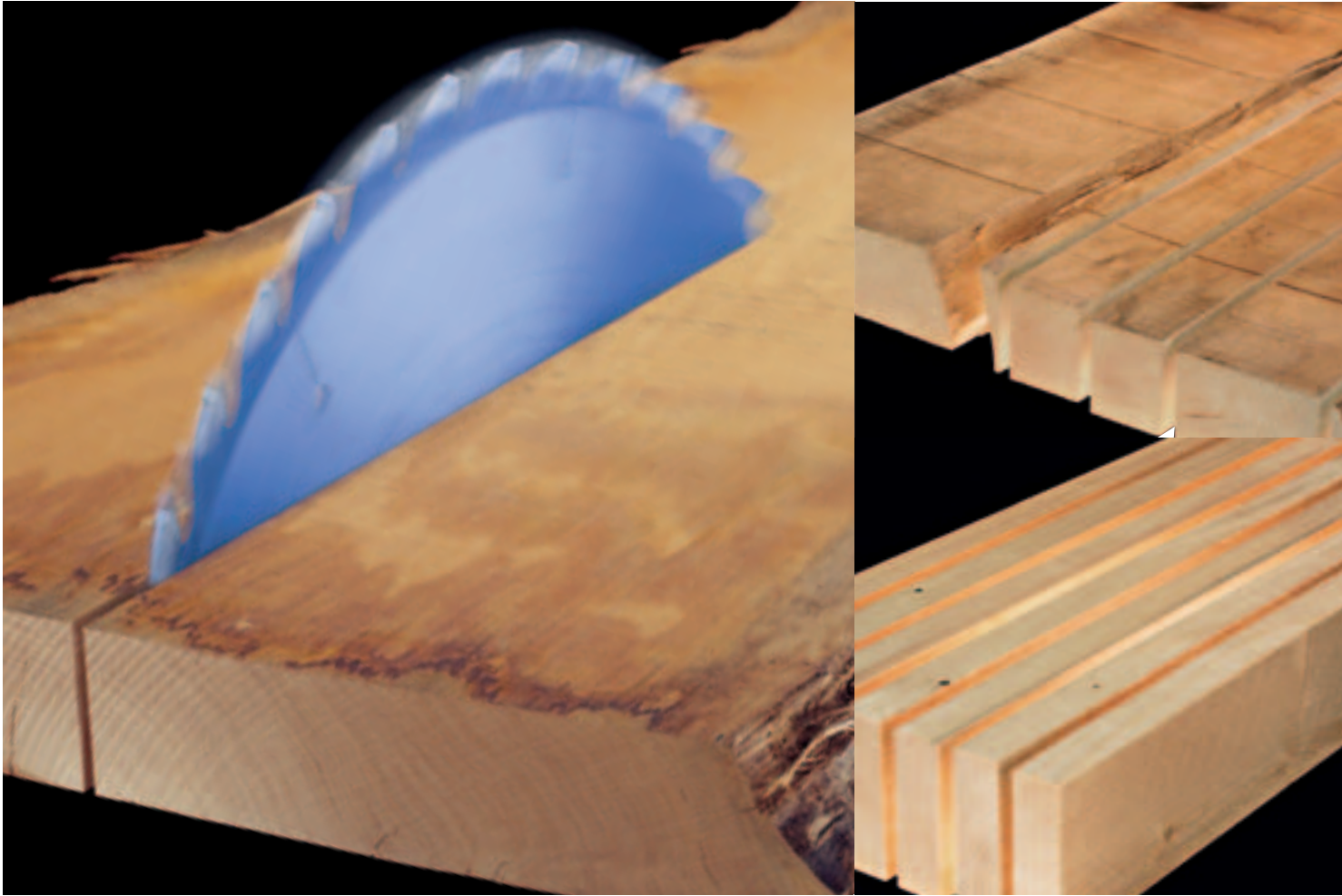


FlexiRip »JrionLine«

Universal sawing centre –
the perfect fit for any size company



The universal genius from WEINIG: FlexiRip is synonymous with flexible ripping

The original Jriion from WEINIG stands for universal use in small, medium-sized and large companies. Anywhere planks, boards or panels are cut to size, the FlexiRip has made its mark as an efficient and flexible rip and cross-cutting saw. Above all, FlexiRip owners appreciate the high level of flexibility, the optimum material yield and the one-man operation afforded by this machine. FlexiRip is the solution when universal use is required!





In addition to solid wood, many other materials such as plastics, aluminium and a multitude of panel products can be cut to size. The cutting length and width of the FlexiRip are determined according to the dimensions of your materials. The FlexiRip is simple to use: just position the work piece on the machine table and use the foot pedal to begin cutting! By releasing the pedal, the saw blade descends and returns to the start position. Regulated by foot pressure, the infinitely variable cutting speed ranges from 0 to 80 m/min.



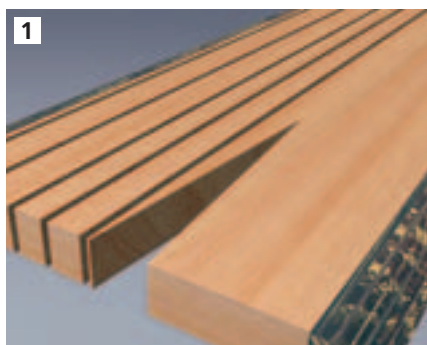
**The FlexiRip –
unbeatable in versatility:**

- efficient, powerful performance
- extremely flexible for a multitude of jobs
- high performance, even with very hard materials
- superb cutting accuracy
- optimum material yield
- comfortable one-man operation
- quick blade changes
- extremely user-friendly
- high operator safety
- accurate fence positioning
- can be integrated in automated cutting lines

Universal use: FlexiRip, the versatile solution

The FlexiRip saw is the perfect machine for the most diverse kinds of applications: ripping, mitre cuts, bevelled cuts, cross cuts, cut-outs – all in one machine! With a cutting height of up to 215 mm, the FlexiRip offers enormous flexibility for all operating requirements.

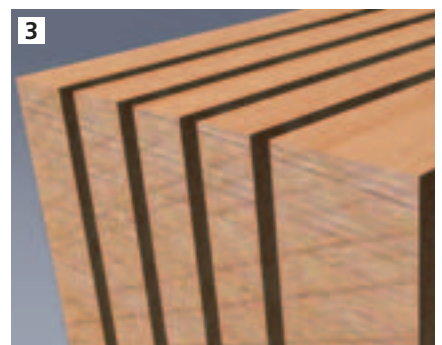
- 1. Unedged board ripping
- 4. Bevelled cuts



- 2. Rough cross cuts
- 5. Mitre cuts and cut-outs



- 3. Thin strip ripping
- 6. Cutting panels



Intelligent machine technology: Strong features are standard

1. Perfect saw-carriage concept

The saw carriage guiding system is engineered for a perfectly straight cut, with the carriage guided by lateral rollers on hardened, precision-ground rails. The saw carriage concept assures continuous cutting performance and accuracy to 1/10 mm, while at the same time providing operator safety.

2. Accurate positioning fence

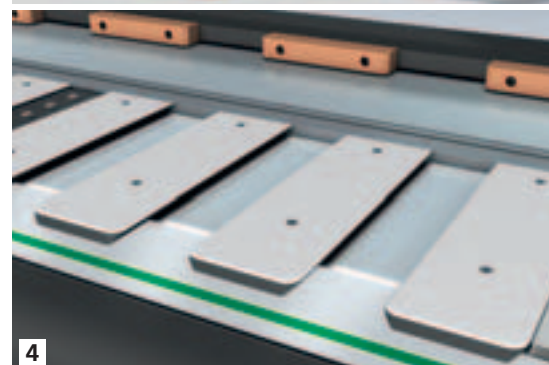
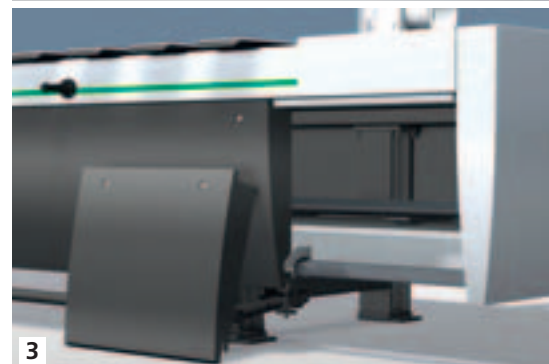
The positioning fence is adjusted using a machined ball screw system, which is free of play and wear-resistant. This guarantees smooth and even travel of the fence as well as accurate positioning – even when pushing heavy material. Ergonomically placed joysticks and a user-friendly large digital display help eliminate operator fatigue.

3. Innovative engineering

The construction of the machine frame guarantees maximum strength, stability and accuracy, even when working with heavy material up to 600 kg. Cutting heights up to 215 mm are standard. The 8 mm thick safety curtain ensures operator protection and dust collection efficiency. For fast and easy maintenance, the front panels open by quick-release fasteners. Gas struts allow the saw blade enclosure to open wide virtually by itself for rapid blade changes with Easyfix. The laser is mounted within the blade enclosure, protecting it against knocks and vibrations for perfect alignment and longer life.

4. Practical machine-table

The front table elements are made of wear-resistant, smooth plastic: even heavy work pieces are easily glided into position on the table. The plastic table elements are actually also prismatic guides, allowing for the swift and easy insertion and removal of various options anywhere along the front table (e.g. ball bearing plates, bevel supports and mitre fence).



Useful options: Perfectly tailored to your application

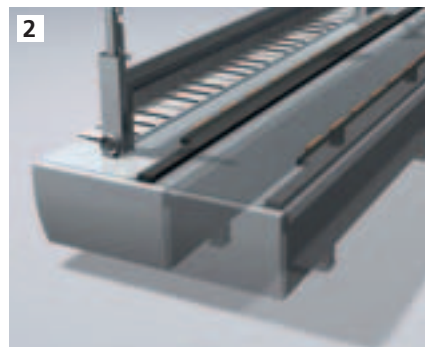
1. FlexiCut

Integrate a FlexiCut cross-cut saw with the FlexiRip and you have a modern, efficient one-man solution for length and cross-cutting. Mounted on lineal guides, the FlexiCut can easily be moved in and out depending on material width. This concept provides versatile operation while saving space at the same time.



2. Larger working widths

The width fence can be adjusted in a range of 600 mm already in standard. For cutting larger work pieces, e.g. panels, options going up to 2,100 mm are available.



3. SpeedControl

Monitors the power consumption of the main motor and reduces the feed speed if necessary. If this is not enough, the saw blade is dropped into the machine table actively. A jammed saw blade is a thing of the past. With SpeedControl you are always on the safe side.

4. Bearing Plates

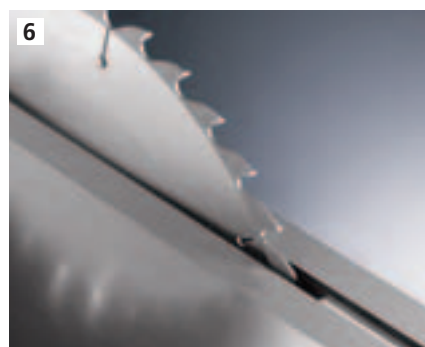
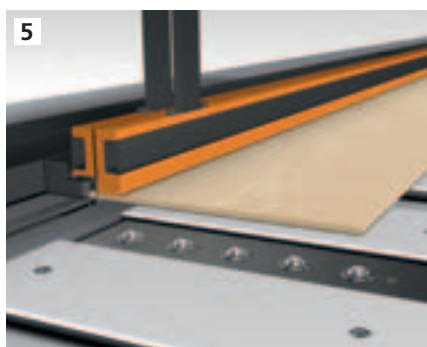
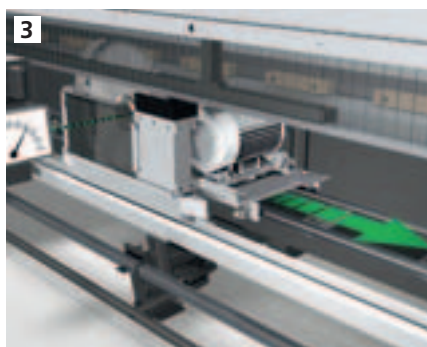
The ball bearing plates can be inserted anywhere along the cutting length, facilitating the manipulation and alignment of very heavy work pieces. When halfway inserted, they act as an extension of the front table, offering a broader support surface for wider work pieces.

5. Hold-down Unit

The parallel clamping pressure of the hold-down unit guarantees secure material clamping during cutting, even if the work piece is not centred. As an alternative, the hold-down unit can also be configured with a wooden inlay with rubber surface for non-slip clamping of even narrow or slippery materials.

6. StripLock - Self-sealing Saw Blade Slot

The saw slot closing mechanism (patented) prevents splinters from falling into the machine interior, keeping it free of debris.



WEINIG Positioning Controls: A wide range of functions

Numerous adjustment possibilities

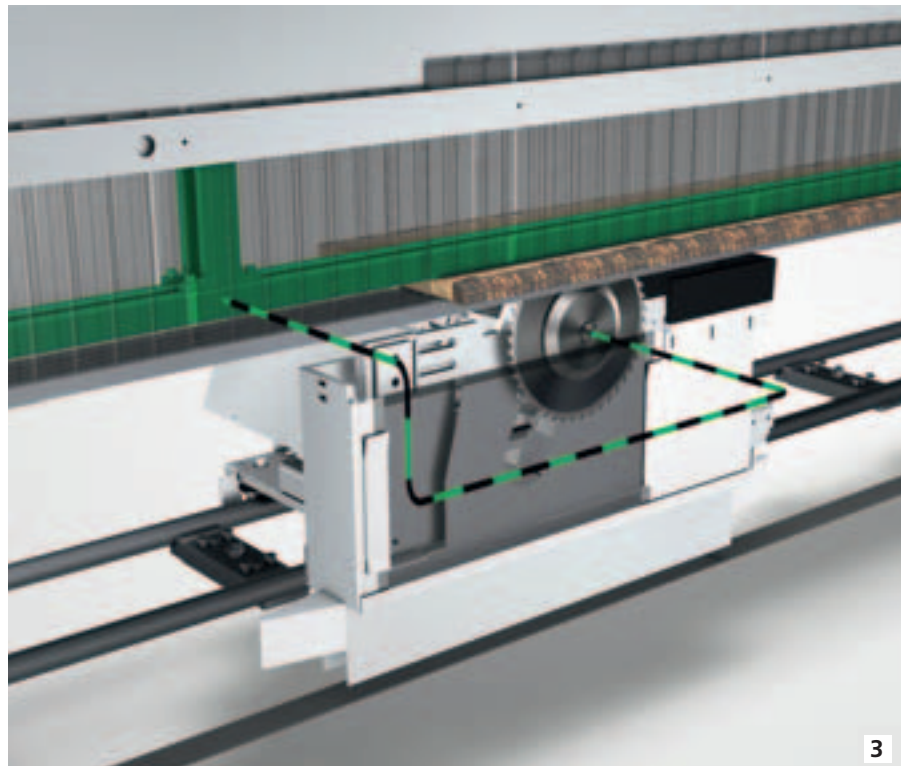
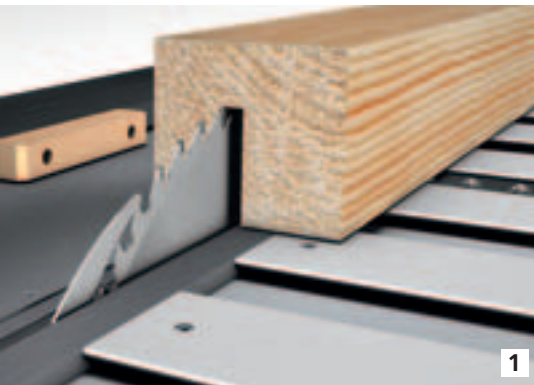
Precise fence positioning by joystick and digital display dimensions

- Touch screen simplicity:
 - individual width entry
 - selection from pre-set dimensions
 - program for automatic rip sequence
- Automatic cut activation

The electronic touch-screen controls are particularly easy to use and provide a multitude of production possibilities. In 10 cut-lists of 10 widths each, a total of 100 dimensions can be stored. Five different dimensions with piece-counts can also be entered for an automatic rip sequence, with the fence moving from the rear forward per the cut-list. Built-in cut and hour counters as well as a diagnostic display round off the touch-screen package. Add the automatic cut activation option and the operator is free for other tasks.



Useful options: Perfectly tailored to your application



1. Groove-cutting unit

With this Option your FlexiRip gets even more flexible. Grooves can be produced easily by entering the width and the depth of the desired groove using the touchscreen.

2. Fingerprint-sensor

Prevents unauthorised personnel from using the machine. Only previously registered operators can unlock the machine controls and get the saw started.

3. Automatic adjustment of cutting height

A measuring system integrated in the Hold-down unit determines the height of the work piece and adjusts the saw blade to the optimum height. With the right saw blade height you always get the best possible cut quality.

Overview table FlexiRip: Standards and options

This table shows the basic technical data and features of the FlexiRip. Your WEINIG expert will be happy to provide you with more specific information based on your individual production requirements.

	Standard	Option
Cutting lengths*	2,200 - 6,200 mm	
Cutting widths*	600 mm	up to 2,100 mm
Max. cutting height	215 mm	
Saw blade Ø	400 – 650 mm	
Saw arbor Ø	30 mm	
Saw blade bore Ø	80 mm	
Motor	11 kW	15 kW
Rotation speed	2,900 rpm	frequency controlled
Cutting speed, infinitely variable	0 – 80 m/min	
Total length of machine	cutting length + 2,035 mm	
Total width of machine	cutting width + 970 mm	
Working height	900 mm	
Dust extraction speed	min. 30 m/sec	
Dust extraction volume	ca. 4,340 m³/h	
Dust extraction connections	2 x 160 mm Ø	
Laser 30mW	X	
Saw-blade change Easyfix	X	
SpeedControl with stall prevention system		X
Safety curtain 8 mm thick	X	
Hold-down unit, length 3,000 mm, left hand side		X
Additional hold-down unit (for cutting lengths over 4,200 mm)		X
Hold-down unit with wooden inlay and rubber surface**		X
Automatic blade height adjustment**		X
Positioning fence via joystick / digital display	X	
Touch-screen controls		X
Pivoting control panel mounted on swing arm***		X
Automatic cut activation***		X
Custom start position for saw stroke***		X
Custom stop position for saw stroke***		X
Groove-cutting unit***		X
Fingerprint-sensor		X
StripLock - Self-seal saw blade slot		X
Ball bearing plates, insertable		X
Bevel supports, insertable		X
Mitre fence, insertable		X
Cross chains for automatic removal of cut pieces		X
Front cross table, mobile, with scale and fixed fence		X
Remote pedal		X
Cross-cut saw "FlexiCut" (max. cut width 750 mm, max. cut height 175 mm)		X

* additional cutting lengths and widths on request; ** option only available with hold-down unit

*** option only available with touch-screen control

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.

WEINIG quality: The sum of many properties



Not many companies succeed in becoming a brand. WEINIG has succeeded in doing so. Trust plays a central role here. And the ability to prove this trust on a daily basis with our customer. We do this with quality. From product development to our supply of spare parts, from materials used to our world-wide service network. Based on employees noted for their expertise and passion for the product. Utmost care in assembling machines is part of this, as is continuous training. In order to maintain WEINIG's high standards we focus on vertical integration and independent quality management. Based on the world famous kaizen method, our production undergoes a continuous optimization process.

But WEINIG quality also means aligning production for the future with open machine systems, energy efficiency and sustainability. All these characteristics blend to create a product praised by our customers around the globe as outstanding. We call it 100% WEINIG quality.

WEINIG service: Very close to customers



Customer relations are good. But we have a better word for it: WEINIG service. Supported by people who want to share their enthusiasm for wood with others. And when experts start talking together, a solution is not far away. This is why WEINIG service focuses on dialog with you, on outstanding training and a local support presence. The global WEINIG service network is so densely spread like no other in the sector. For you this means easy communication in your own language and rapid help. Whether by telephone or by a technician on site. We are here for you when you need it. You can order any spare part you need via the hotline for rapid delivery - even old models. You will be advised in detail by a professional WEINIG expert in your country. In our individually tailored training programs you can find out 'how to exploit the capabilities of your machine to the fullest extent. Our specialists are always open for your production tasks.

- Subsidiaries in all continents of the globe
- Local WEINIG expert who speaks your language
- Mobile team of over 300 service technicians
- Spare parts via the hotline
- Professional advice by specialists via the hotline
- 6 day service
- Individually tailored training program
- Service agreements on request
- International ExpoCenter
- Financing to suit your needs

FlexiRip »JrionLine«



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