

BK – Band re-saws

BK60 / BK80



With wood into the future

The natural feel and noble look of wooden products makes them very desirable. This renewable, eco-friendly raw material is highly valued in society. Good times for wood workers. Good times for you.

The increasing importance of wood is characterized by an ever growing field of application: Traditional fields of activity such as interior fittings, commercial furnishings and window manufacturing have been joined by imposing wooden architecture. Sophisticated façade and bridge constructions, glulam or cross laminated timber elements are enjoying increasing use in construction. Textured surfaces and creative lightweight construction are setting popular trends.

As a company active in this industry, you can benefit from this development towards increased use of wood, the only CO₂ neutral material. Make your decision for sustainable technology as well when choosing production machinery. WEINIG is the only manufacturer who is fully committed to solid wood processing. With passion and dedication, like yourself. The ideal partner for innovative concepts to help you conquer tomorrow's market. WEINIG's machines have an especially long service life and offer exceptional reliability. An investment in WEINIG's production technology has long term benefits and means security for your company. Very short set up times and maximum material yield are built into every solution. Naturally with perfect accuracy of dimensions and excellent surface quality for your products.

Planing, profiling, texturing. Whatever you do – you will always make the right choice with machines from WEINIG.



WEINIG offers more

WEINIG's successful path in wood processing is characterized by listening to our customers and the demands of the market place. Born from many years of experience, WEINIG's R & D department never fails to create new practical solutions for industry and small shops. Whoever buys a WEINIG machine today knows that they are optimally equipped for the future of their business.

100% quality – WEINIG's machines have to satisfy the most difficult requirements. That is why great care in product development and manufacturing is a tradition 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 is known for their high standard in technology. More than 80,000 machines from WEINIG are operating around the globe to the utmost satisfaction of our customers.

Expert advice – Whether you need expertise of WEINIG Concept 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 value for your investment.

Everything from a single source – In 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 turn-key production line. Including, of course, a comprehensive service package.

Service – Safety is reassuring. In the case of need, 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!



BK – Band re-saws (BK60 / BK80)

The new band re-saw from the BK-series is a complete new generation offered from the Weinig Group. This is the band re-saw that offers better yield, dust extraction system and user friendliness than ever before and truly gives you unlimited opportunities.

A complete electrical machine and intelligent PC control system makes settings easy and with more possibilities. A fixed fence side and instead automatically movable and freely positioned saw units give you the possibility to choose 100% freely how to cut the incoming timber. This brings productivity and yield to a complete new level and shows the way to the future for band re-saws.



Sound enclosure

The sound enclosure cabin is included as standard. It doesn't only lower the level of noise around the machine, but also works as a safety enclosure for the machine.

IntelliCom

All settings are done outside the cabin through the Waco IntelliCom touch panel. This ensures maximum safety and comfort for the operator.

New dust extraction system

The chips are passed directly into a funnel close to the saw bands. This makes the machine cleaner and also gives a better cutting accuracy. It also requires up to 60% less energy than its predecessor.

Direct driven band wheels

Direct drive of the saw wheels makes service and maintenance easier since there are fewer parts to be worn out and thereby also more cost effective.



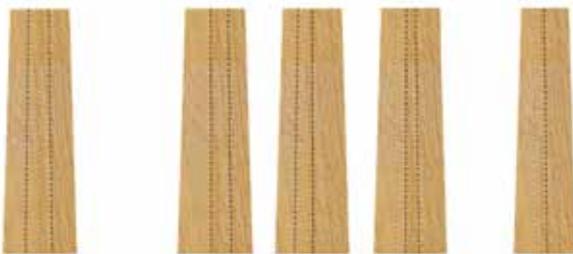
More Highlights

Tilt-function of feed unit for 0–45 degrees cut

The tilt-function is motorized and settings are made on the IntelliCom Touch Panel. The height of the table is independent of the set angle and remains in neutral position. No height adjustment of mechanization is therefore necessary.

Timber optimization

Thanks to the new generations electrical feed unit, movable saw units and sensor measuring of incoming boards you can freely select the outcome from the machine with fixed given dimensions. Or let the intelligent machine automatically divide the width of every single board equally for each piece. Or make it both with this standard optimization function.

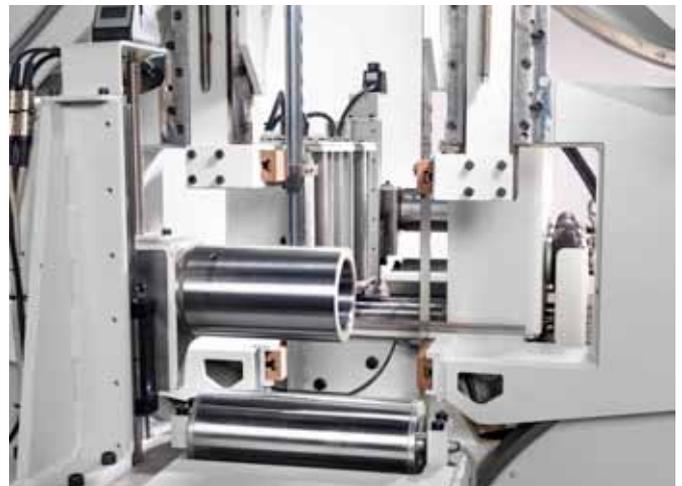
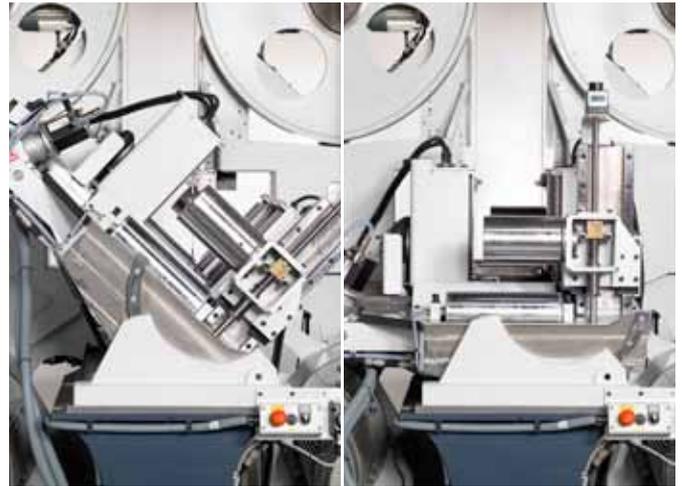


Band guidance

Band guidance both below and above the cut. With the “high-performance package” selected, they are extra reinforced and positioned in height from the touch panel from outside the machine.

Automatic band tension and tilt control

The band tension is electronically performed by pressing a button. This makes changing the saw blades faster and more accurate. The saw blades is also monitored and kept in correct position during continuous operation thanks to the automatic tilt control of the upper saw wheel.



WEINIG service: Very close to customers



- 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

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.



For more information, go to
film6.weinig.com

Standards and options

Feed speed	10–60 m/min
Max. cutting height	300 mm
Max. distance sawband to fence side	235 mm
Max. width of the feed unit	400 mm
Min. distance sawband to sawband	10 mm
Feed rollers, diameter	165 mm
Feed rollers, height	300 mm
Saw wheel, diameter	1080 mm
Saw wheel, width	100 mm
Saw band, cutting speed	42 m/sec
Saw motors	22 kW
Feed unit (frequency converter)	5,5 kW
Waco IntelliCom PC control system with touch panel	●
Motorized automatic positioning of complete feed unit / saw units	● / ●
Timber optimization function	●
Two horizontal feed rollers, infeed / outfeed	● / ○
Sound and safety enclosure	●
Motorized automatic band tensioning	●
Automatic tilt control and band positioning (tilt of upper saw wheel)	●
Direct driven saw wheels	●
Automatic band lubrication – pneumatic pressure pump with barrel connector	●
High performance-package: - Reinforced and adjustable saw band guidance, with height positioning - 30 kW saw motors instead of 22 kW - Feed speed 10–80 m/min instead of 10–60 m/min	○
High performance-package as above but with 37 kW saw motors	○
Frequency controlled band speed	○
Automatic motorized tilt-function of feed unit for 0–45 degrees cut	○
Table height	1175 mm
Weight incl. safety and sound enclosure, single / twin	6000 kg / 8000 kg
Operating voltage	400 V, 50 Hz

Subject to technical alterations. The statements and pictures provided in this brochure also include optional equipment that is not included in standard delivery. Some protective covers were removed for photographing.

● Standard ○ Option



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