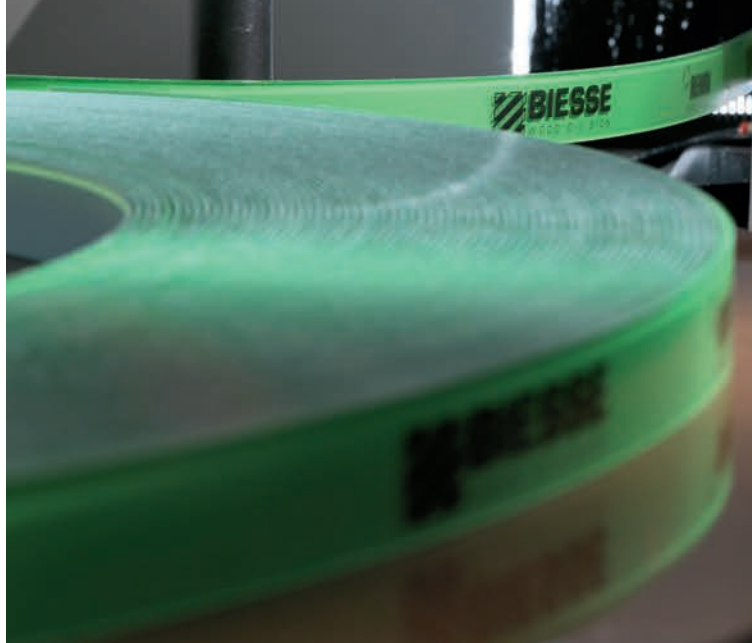
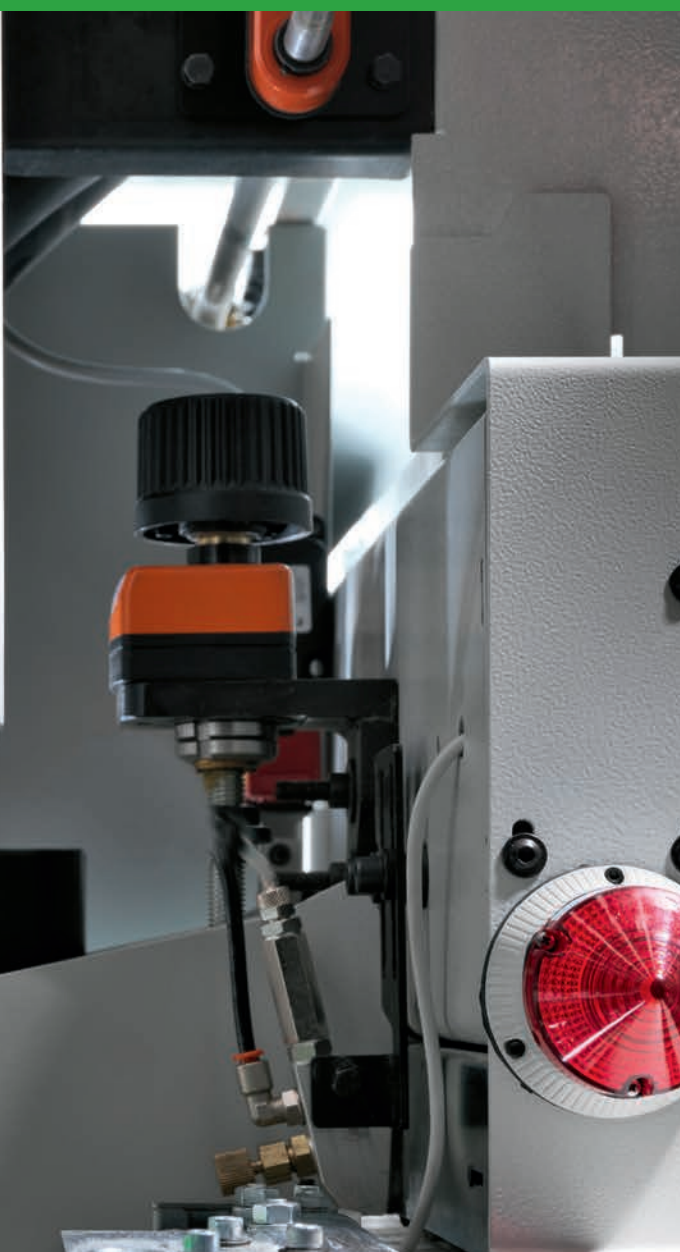


# Akron 1300 series

Automatic, single-sided edgebanding machines



 **BIESSE**

# Akron 1300 series

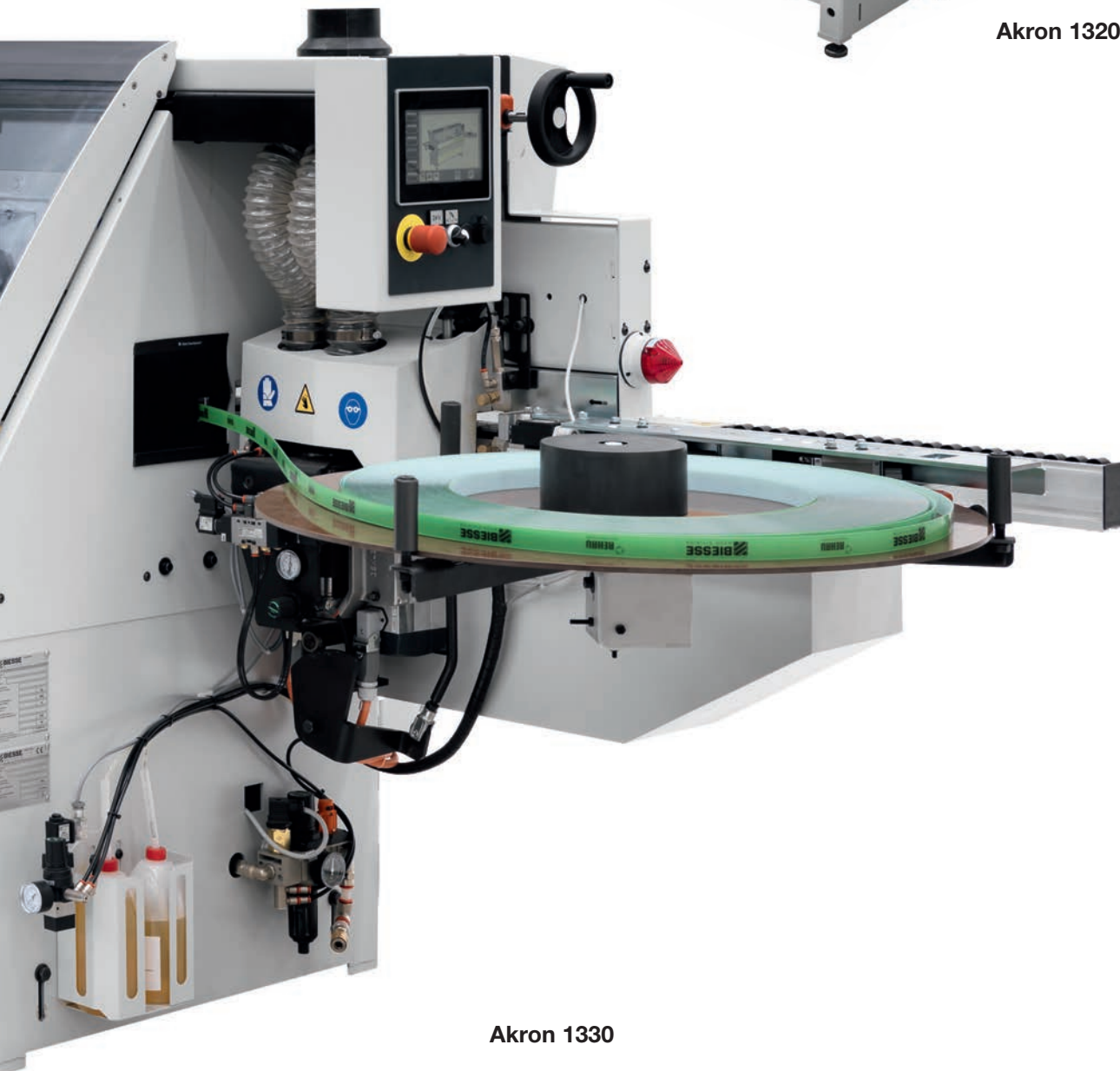
The efficiency comes from experience : the ideal edgebander for your needs

Akron 1300 represents the ideal solutions for workshops or special departments of companies looking for ease of use and flexibility in compact spaces.





Akron 1320



Akron 1330

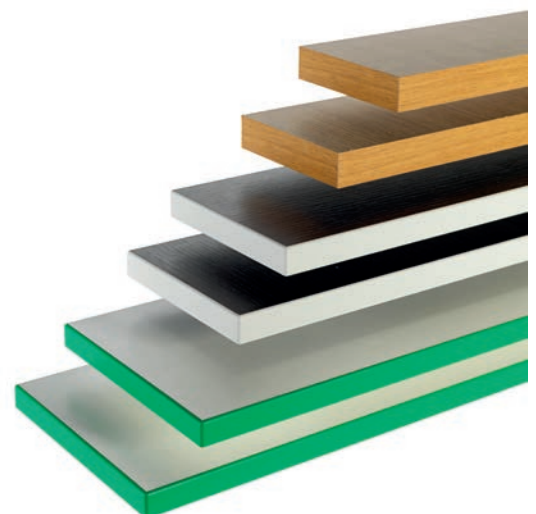
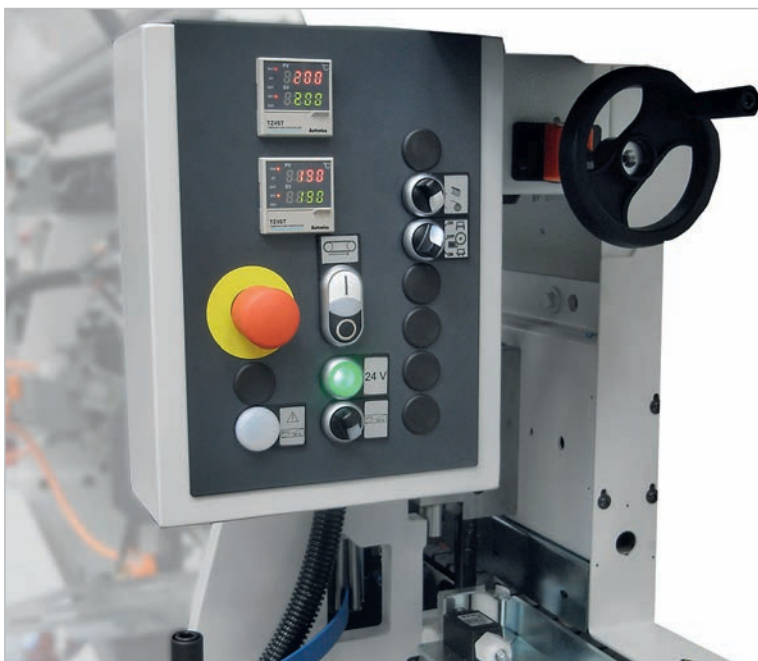
# Akron 1300 series

Technology that's easy to use

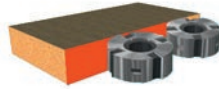
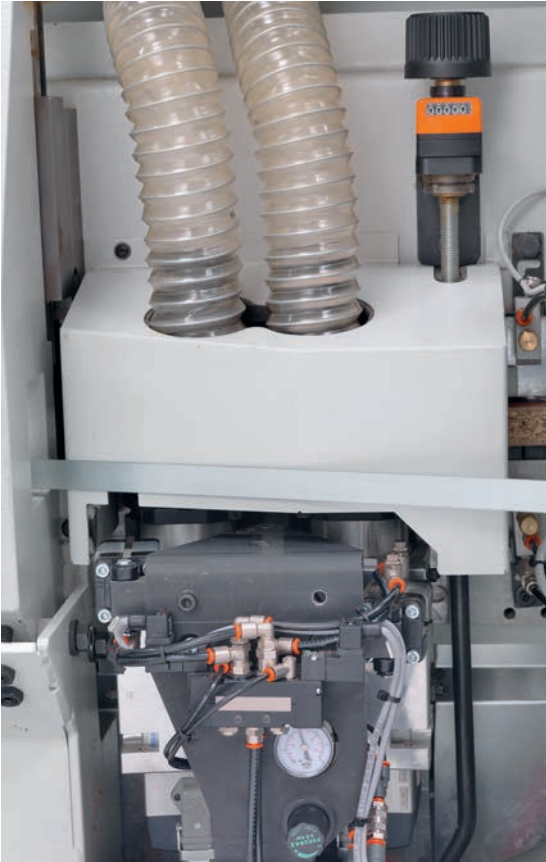


Control panel for the Akron 1330.

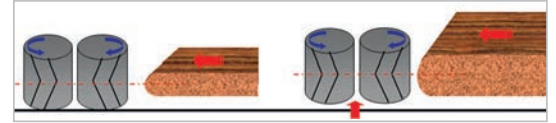
A fast and intuitive programming for everyone thanks to touch screen control panel. Management and display of glue temperature on roller and pot.



Control panel for the Akron 1320.

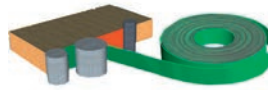


Pre-milling unit equipped with 2 timed intervention motors, it guarantees a perfect finish.

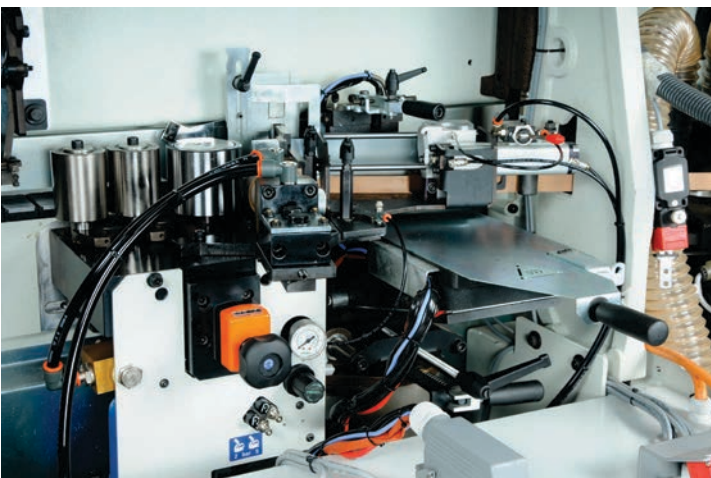


AUTOSET device for Pre-Milling improves quality by reducing set-up time.

**HSD Rotax**  
electrospindle



Akron uses the ROTAX series of electrospindle exclusively on every machine as standard. These are high quality electrospindles that allow high power, compact design and a top quality finishing standard.

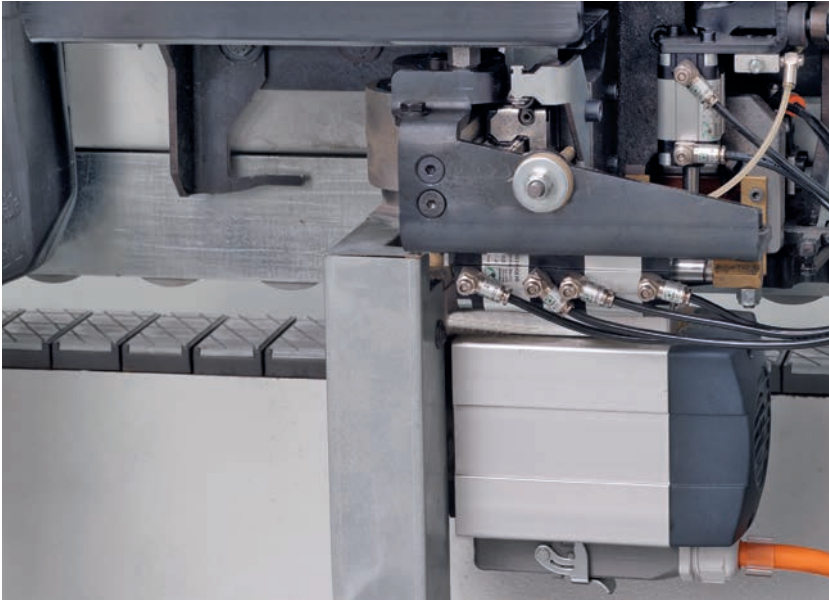


Gluing unit equipped with removable glue pot for easy maintenance.

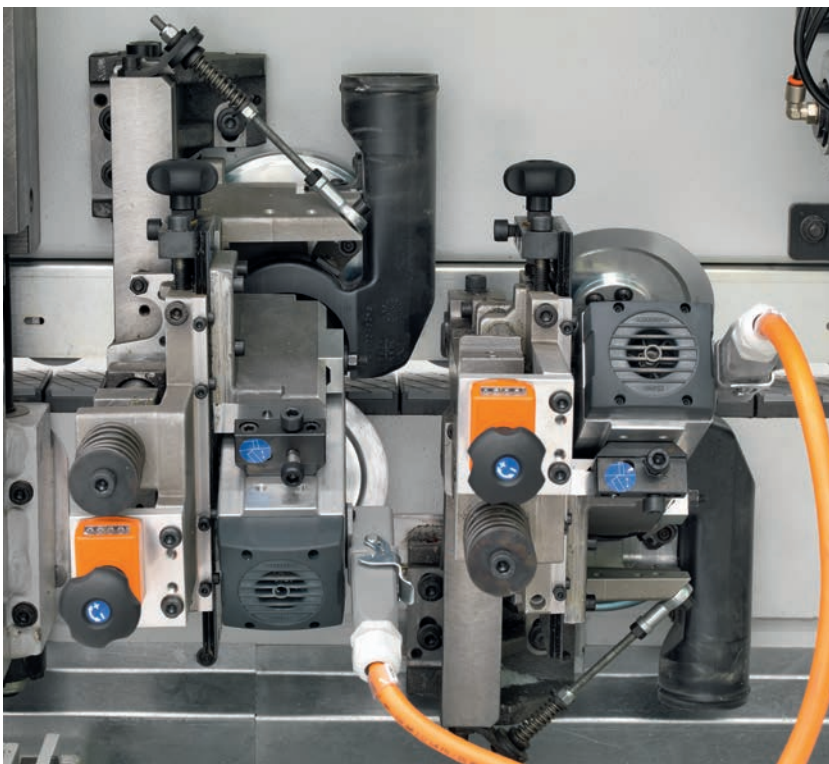
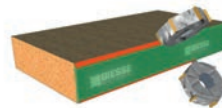
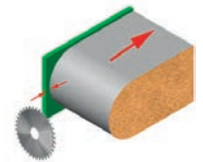
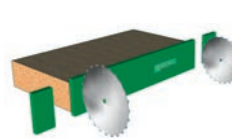
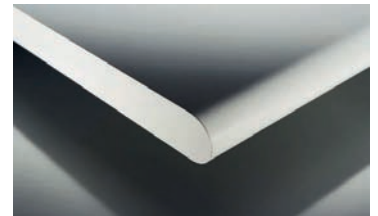
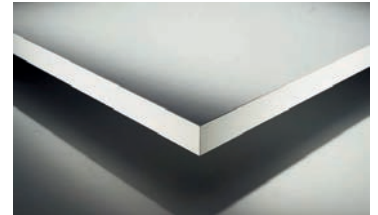


# Akron 1300 series

Simple and safe working: the result is guaranteed



The new End-Trimming unit designed on DESMODROMIC concept ensures high productivity and cutting quality while keeping a compact size.

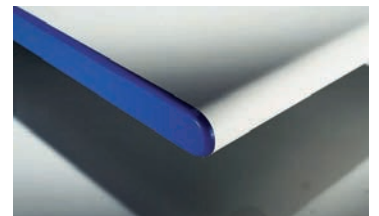
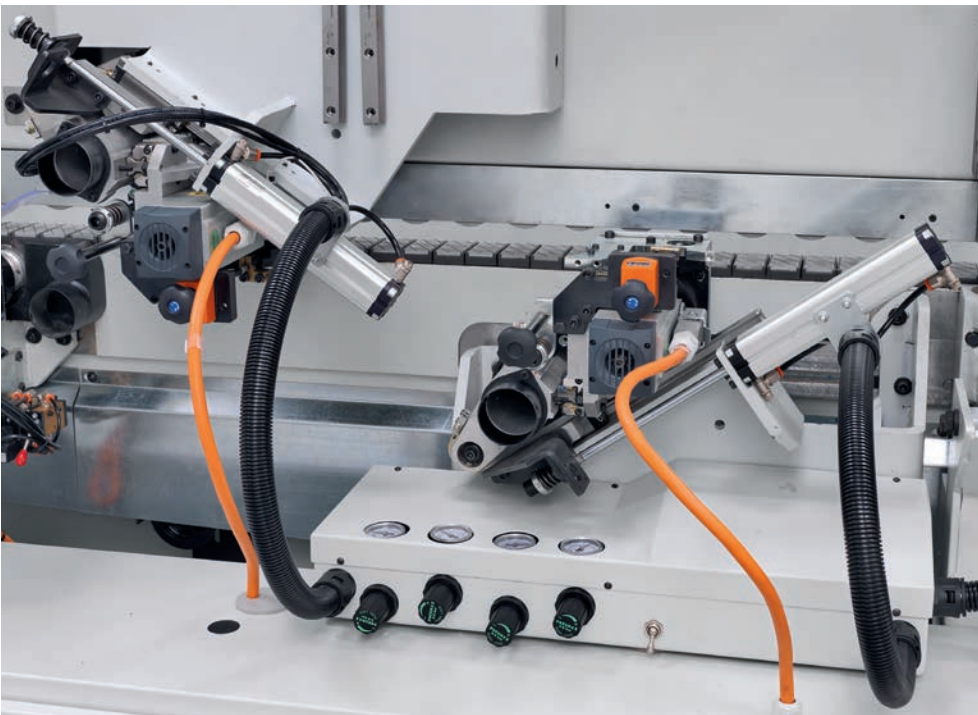


Fine Milling unit to trim the edge, complete with 2 high-frequency motors and rotating vertical/horizontal disc copiers.





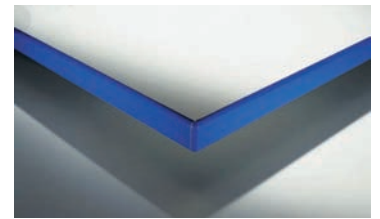
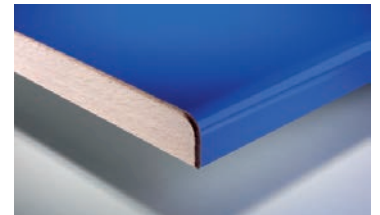
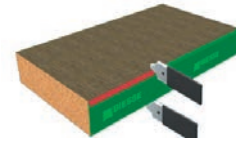
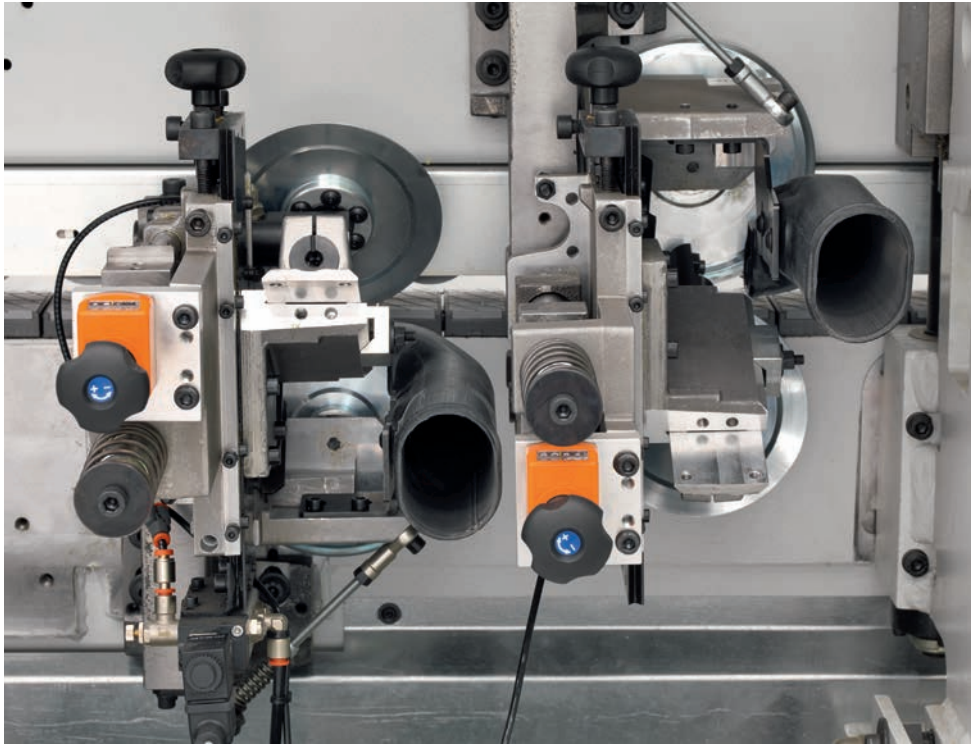
Multiprofile tool for different types of edges.



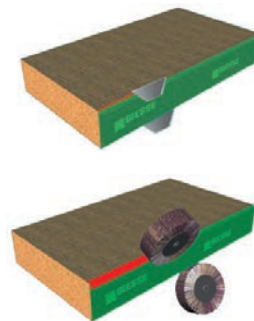
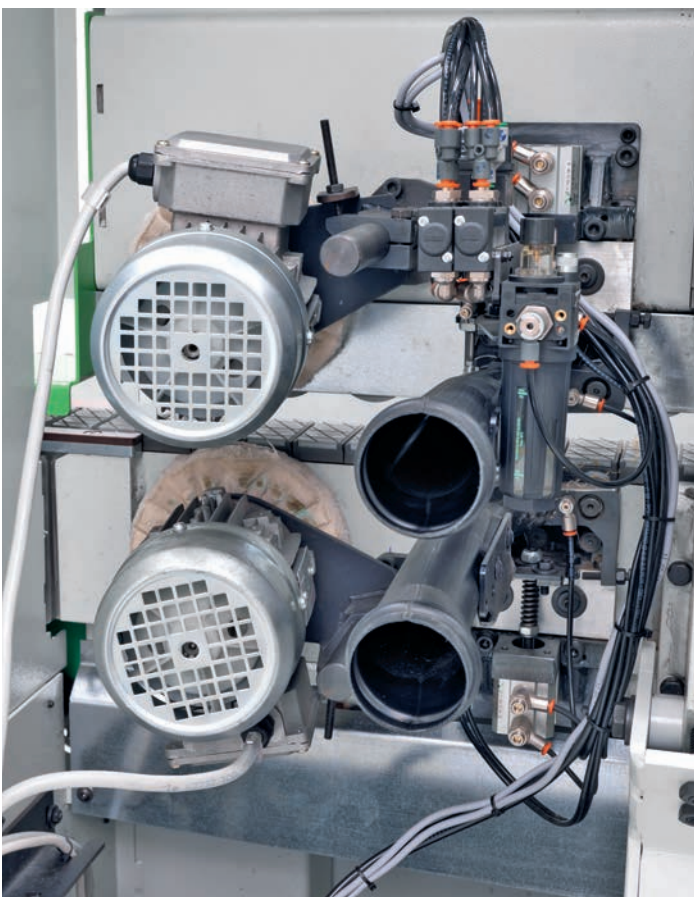
Corner Rounding unit equipped with 2 motors guarantees quality without compromise.

# Akron 1300 series

Quality, performance and reliability



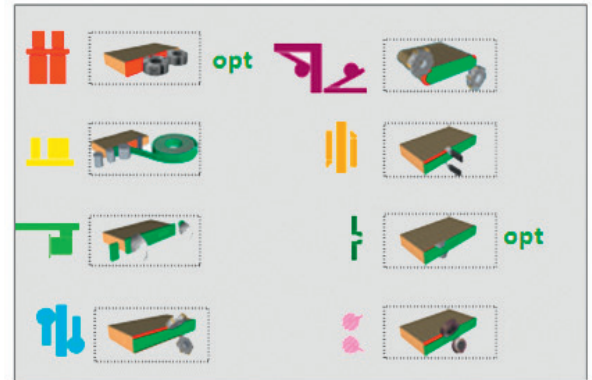
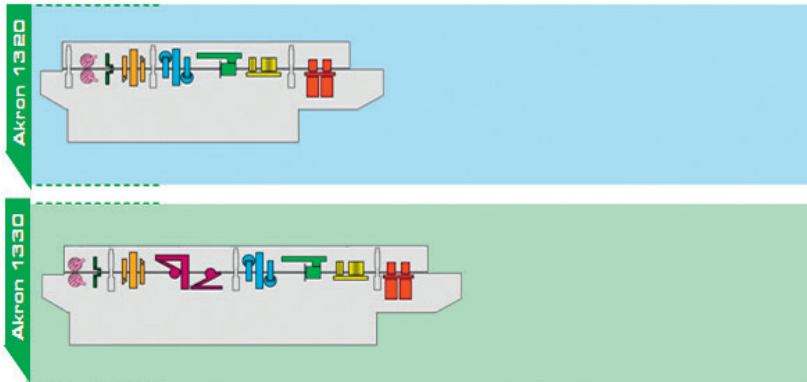
Edge Scraper.



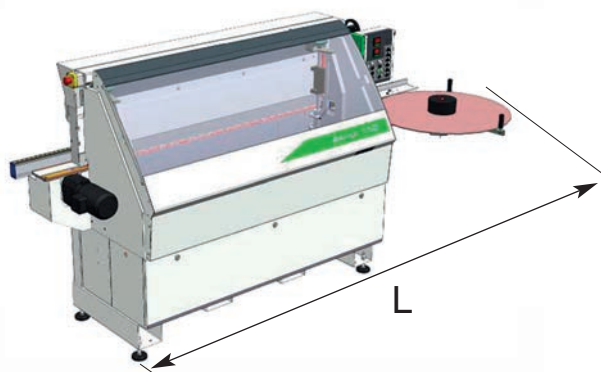
Buffing unit and glue scraper.



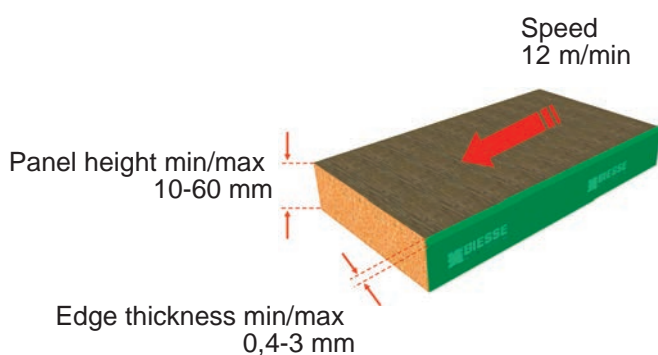
## Many compositions to choose from



Panel height	mm 10-60
Height of edge banding material	mm 14-64
Thickness of edge banding material in rolls / strips	mm 0.4-8
Panel protrusion from track	mm 25
Min panel length	mm 150
Min panel width (with length mm 150)	mm 85
Min panel width (with length mm 250)	mm 50
Track feed speed	m/min 12
Dust extraction system for each operating unit 1 hood dia.	mm 100
Pneumatic connection	bar 7
Glue pot capacity	kg 2 (approx.)
Glue pot heating time at ½ load	min.10 (approx.)
Rated power	kW 6
With pre-milling unit	kW 8
With pre-milling & corner rounding unit	kW 10



	L	
Akron 1320	mm 4168	inch 1641
Akron 1330	mm 5213	inch 2052



Surface sound pressure level during machining in A (Lp(A))	dB(A) 86
Sound power level during machining in A (LwA)	dB(A) 104
Measurement uncertainty K	dB(A) 4

Tests were carried out in accordance with Regulations UNI EN 1218-4:2009, UNI EN ISO 3746: 2009 (sound pressure) and UNI EN ISO 11202: 2009 (sound pressure in the operator's working position) with run of panels. The noise levels given here are emission levels and do not necessarily represent safe working levels. Although there is a relationship between output levels and exposure levels, the output levels cannot be reliably used to determine whether additional precautions are necessary or not. The factors determining the noise levels to which the operative personnel is exposed, include the length of exposure, the characteristics of the work area, as well as other sources of dust and noise (i.e. the number of machines and processes concurrently operating in the vicinity), etc. In any case, the information supplied will help the user of the machine to better assess the danger and the risks involved.

# Service

Real time solutions



Thanks to a global network and a highly specialized team it offers a full range of after-sales services:

- Spare parts
- Technical support
- Tele-support
- Installation
- Maintenance
- Training
- Repair

Biesse Group's Service promotes, cultivates and develops closer and more constructive relationships with clients to get to know their requirements better, to create more value and to help improve the products and services it provides.



## The Biesse Group

The Biesse Group operates in the production of machinery and systems for the wood, glass and stone working industries.

Starting right from its formation in 1969, the Biesse Group has stood out in world markets for its rapid growth and strong will to become a global partner for those companies belonging to its lines of business.

As a multinational company, the Biesse Group distributes its products through a network of 30 directly controlled subsidiaries and no fewer than 300 dealers and agents located in strategic markets enabling Biesse to cover more than 100 countries.

They guarantee specialized after-sales assistance to clients whilst at the same time carrying out market research in order to develop new products.

The constant drive for technological improvement, innovation and research has let Biesse develop modular solutions capable of meeting all the production requirements of its clients: from the design of turnkey plant for large industrials to single automated machines and work centres for small and medium enterprises and even down to the design and sale of single highly technological components.

The Biesse Group has over 2.800 employees and has production facilities in Italy and India with a total surface area of over 115.000 square metres.

The Biesse Group is made up of three divisions, each of which includes a productive unit concentrating on single product lines.

The Wood Division designs and produces woodworking machinery for companies processing furniture, doors and windows, and offers a wide range of solutions for the entire industrial production cycle of wood and its by-products.

The Glass and Stone Division produces machines for companies processing glass, stone and, more generally speaking, for different industries such as interior decoration, building and the automobile industry.

The Mechatronic Division designs and produces highly technological components both for the Group and for the world market.





Printed on FSC certified paper



## Biesse in the World

### BIESSE BRIANZA

*Seregno (Monza Brianza)*  
Tel. +39 0362 27531\_Fax +39 0362 221599  
brianza.commerciale@biesse.com - www.biesse.com

### BIESSE TRIVENETO

*Codogné (Treviso)*  
Tel. +39 0438 793711\_Fax +39 0438 795722  
triveneto.commerciale@biesse.com - www.biesse.com

### BIESSE DEUTSCHLAND GMBH

*Elchingen*  
Tel. +49 (0)7308 96060\_Fax +49 (0)7308 960666  
*Loehne*  
Tel. +49 (0)5731 744870\_Fax +49 (0)5731 744 8711  
info@biesse.de - www.biesse.de

### BIESSE FRANCE

*Brignais*  
Tél. +33 (0)4 78 96 73 29\_Fax +33 (0)4 78 96 73 30  
commercial@biessefrance.fr - www.biessefrance.fr

### BIESSE IBERICA WOODWORKING MACHINERY SL

*L'Hospitalet de Llobregat, Barcelona*  
Tel. +34 (0)93 2631000\_Fax +34 (0)93 2633802  
biesse@biesse.es - www.biesse.es

### BIESSE GROUP UK LTD.

*Daventry, Northants*  
Tel. +44 1327 300366\_Fax +44 1327 705150  
info@biesse.co.uk - www.biesse.co.uk

### BIESSE SCANDINAVIA

*Representative Office of Biesse S.p.A.*  
*Jönköping, Sweden*  
Tel. +46 (0)36 150380\_Fax +46 (0)36 150380  
biesse.scandinavia@telia.com  
*Service:*  
Tel. +46 (0)471 25170\_Fax +46 (0)471 25107  
biesse.scandinavia@jonstenberg.se

### BIESSE AMERICA

*Charlotte, North Carolina*  
Tel. +1 877 8 BIESSE  
Fax +1 704 357 3130  
sales@biesseamerica.com  
www.biesseamerica.com

### BIESSE ASIA PTE. LTD.

*Singapore*  
Tel. +65 6368 2632\_Fax +65 6368 1969  
mail@biesse-asia.com.sg

### BIESSE CANADA

*Headquarters & Showroom: Mirabel, QC*  
*Sales Office & Showroom: Toronto, ON*  
*Showroom: Vancouver, BC*  
Tel. +1 800 598 3202  
Fax +1 450 477 0484  
sales@biessecanada.com  
www.biessecanada.com

### BIESSE INDONESIA

*Representative office of Biesse Asia Pte. Ltd.*  
*Jakarta*  
Tel. +62 21 53150568\_Fax +62 21 53150572  
biesse@indo.net.id

### BIESSE MALAYSIA

*Representative office of Biesse Asia Pte. Ltd.*  
*Selangor*  
Tel. +60 3 61401556\_Fax +60 3 61402556  
biesse@streamyx.com

### BIESSE TRADING (SHANGHAI) CO. LTD.

*Subsidiary Office of Biesse Asia Pte. Ltd.*  
*Shanghai, China*  
Tel. +86 21 5767 0387\_Fax +86 21 5767 0391  
mail@biesse-china.com.cn  
www.biesse.cn

### BIESSE RUSSIA

*Representative Office of Biesse S.p.A.*  
*Moscow*  
Tel. +7 495 9565661\_Fax +7 495 6623662  
sales@biesse.ru - www.biesse.ru

### BIESSE GROUP AUSTRALIA PTY LTD.

*Head Office*  
*Sydney, New South Wales*  
Tel. +61 (0)2 9609 5355\_Fax +61 (0)2 9609 4291  
nsw@biesseaustralia.com.au  
www.biesseaustralia.com.au  
*Melbourne, Victoria*  
Tel. +61 (0)3 9314 8411\_Fax +61 (0)3 9314 8511  
vic@biesseaustralia.com.au  
*Brisbane, Queensland*  
Tel. +61 (0)7 3622 4111\_Fax +61 (0)7 3622 4112  
qld@biesseaustralia.com.au  
*Adelaide, South Australia*  
Tel. +61 (0)8 8297 3622\_Fax +61 (0)8 8297 3122  
sa@biesseaustralia.com.au  
*Perth, Western Australia*  
Tel. +61 (0)8 9303 4611\_Fax +61 (0)8 9303 4622  
wa@biesseaustralia.com.au

### BIESSE SCHWEIZ GMBH

*Kriens*  
Tel. +41 (0)41 3990909\_Fax +41 (0)41 399 09 18  
info@biesse.ch - www.biesse.ch

### BIESSE MIDDLE EAST

*Jebel Ali, Dubai, UAE*  
Tel. +971 48137840 \_ Fax +971 48137814  
biessemiddleeast@biesse.com  
www.biesse.com

### BIESSE GROUP NEW ZEALAND PTY LTD.

*Auckland*  
Tel. +64 9 278 1870  
Fax +64 9 278 1885  
sales@biessenewzealand.co.nz

### BIESSE PORTUGAL WMP

*Sintra, Portugal*  
Tel. +351 255094027\_Fax +351 219758231  
biesse@biesse.pt - www.biesse.com

### BIESSE MANUFACTURING COMPANY PVT LTD.

*Head office*  
*Bangalore, India*  
Tel. +91 80 22189801/2/3\_Fax +91 80 22189810  
sales@biessemnfg.com  
www.biessemanufacturing.com  
*Mumbai, India*  
Tel. +91 22 28702622\_Fax +91 22 28701417  
*Noida, Uttar Pradesh, India*  
Tel. +91 120 428 0661/2\_Fax +91 120 428 0663  
*Hyderabad, India*  
Tel. +91 9611196938  
*Chennai, India*  
Tel. +91 9611196938

The proposed images and technical data are only indicative. The illustrated machines may be equipped with optional devices. Biesse Spa reserves the right to carry out modifications to its products and documentation without prior notice.

www.biesse.com

Akron 1300 E 06-2012

**Biesse S.p.A.**  
Via della Meccanica, 16 61122 Pesaro - Italy  
Tel. +39.0721.439100\_Fax +39.0721.439150  
biesse.sales@biesse.com

 **BIESSE**