

Jade 200 series

Automatic, single-sided edgebanding machines



 BESSE

Jade 200 series

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

Jade 200 series represents the ideal solutions for workshops or special departments of companies looking for ease of use and flexibility in compact spaces.





Jade 240



Jade 240

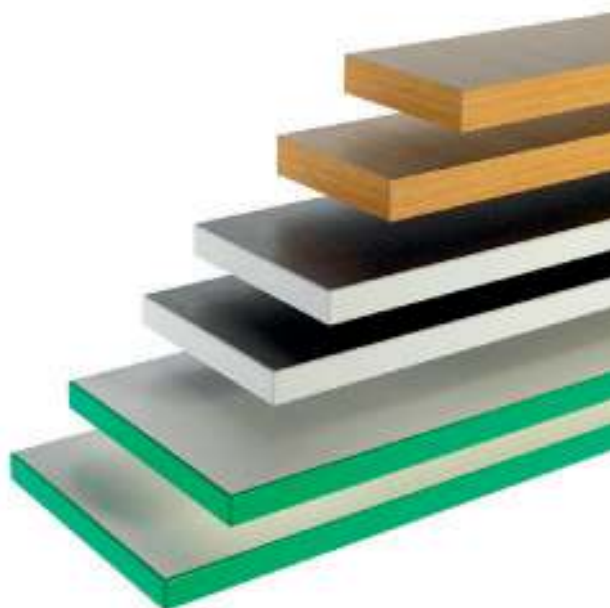
Jade 200 series

Technology that's easy to use



Control panel for the Jade 240.

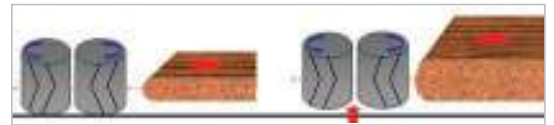
A fast and intuitive programming for everyone thanks to touch screen control panel. Management and display of glue temperature on roller and pot.





Pre-milling Unit

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

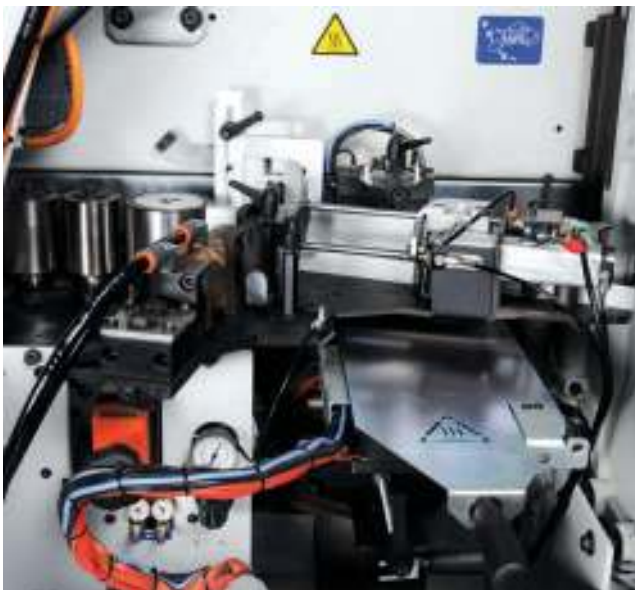


The auto-set device ensures optimum positioning of the milling tool according to the thickness of the panel being machined.

HSD Rotax
electrospindle



Jade 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

Optimum gluing thanks to differentiated temperature control between the glue pot and the glue spreading roller. An automatic stand-by device avoids glue over heating during temporary non-use of the machine. Quick, easy maintenance thanks to the teflon inner coating. Automatic cutting device for 3 mm edges.

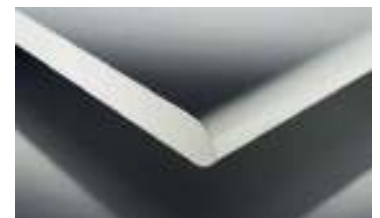
Jade 200 series

Simple and safe working: the result is guaranteed



End Trimming Unit

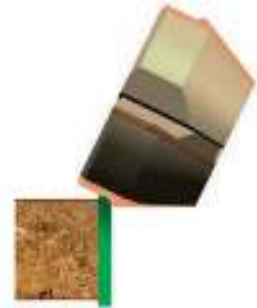
The end trimming unit can be tilted (0-15 degrees) automatically from the control panel with two independent high frequency motors.



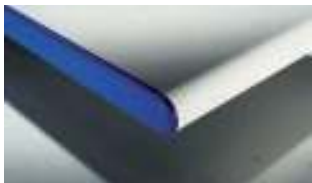
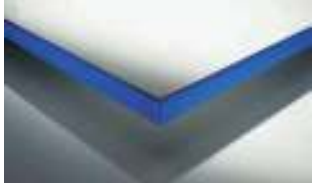
Fine Trimming Unit

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





Multiprofile tool for different types of edges.



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

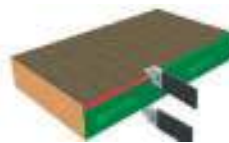
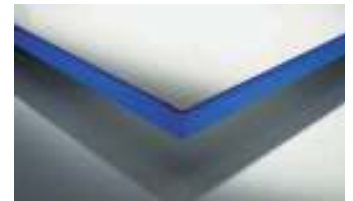
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Quality, performance and reliability



Edge Scraper Unit

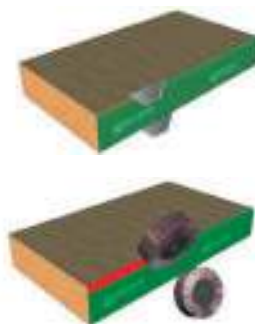
Compact and strong, this provides optimum finishing of extra-thick PVC/ABS banding material. Complete with vertical and horizontal rotating copying wheels and chip extraction and detachment system.



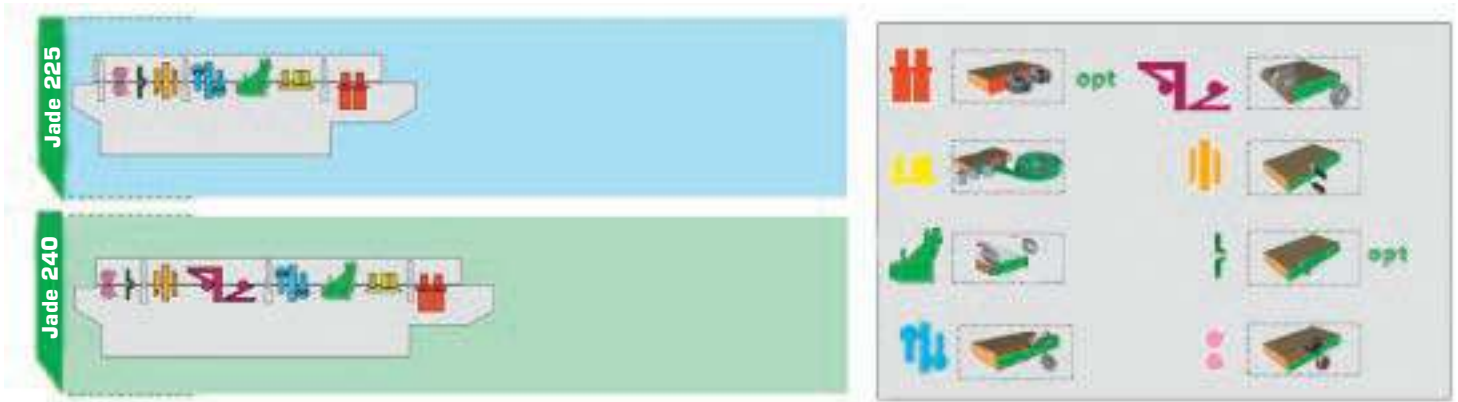
Buffing unit and Glue Scraper Unit

Removes any residual glue using two knives fitted with a timed intervention turning discs copying system.

Tilting brush unit to clean and polish the edge of the panel.

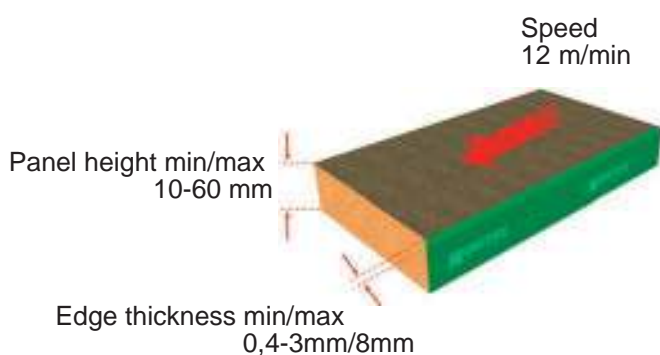


Many compositions to choose from



Panel height	mm 10-60
Height of edge banding material	mm 14-64
Thickness of edge banding material in rolls / strips	mm 0.4-3mm/8mm
Panel protrusion from track	mm 25
Min panel length	mm 150
Min panel width (with length mm 150)	mm 80
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	7 Bar
Glue pot capacity	kg 2 (approx.)
Glue pot heating time at ½ load	min.10 (approx.)
With pre-milling unit	8kW
With pre-milling & corner rounding unit	10kW

	L	
Jade 240	mm 4168	inch 1641
Jade 225	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.





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