



Jade 300

Automatic single sided edgebanding machines



 **BIESSE**



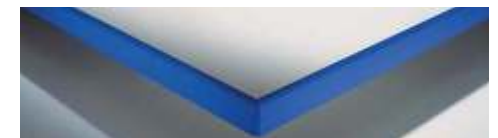
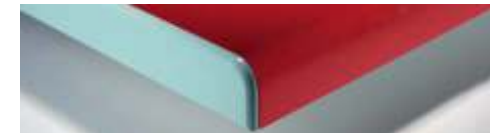


Jade 300

User friendly with excellent results



Jade 325 Control board with ergonomic position and manual selections.





Jade 300

Technology in control of quality

Jade 300 series is a range of edgebanders featuring high versatility in a great field of applications. Innovative technological solutions, solid operating units and heavy duty construction are combined to ensure a high quality finish and great reliability under a wide range of working conditions.



Jade 340/345 offers high-resolution screen for defined and intuitive images and text.





Jade 300

Operating units featuring great versatility



Pre-milling unit FI-502.

Carries out pre-milling of the panel using large diameter mills mounted on 2 independent, high frequency motors of 3.5 kW each. Pre-milling of the panel follows the original geometry thanks to the copiers, while the finish is precise and constant thanks to the use of sliding guides.

Standard



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



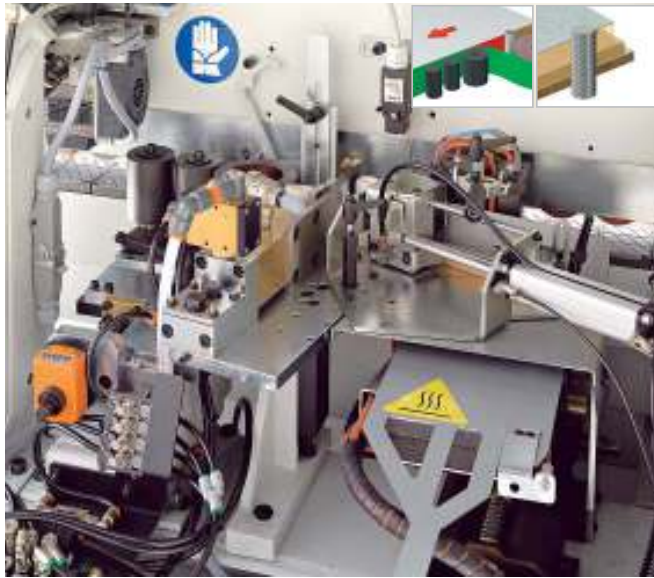
Numerical controlled axis for automatic overhanging removal from the control panel (Optional).



HSD Rotax
electrospindle

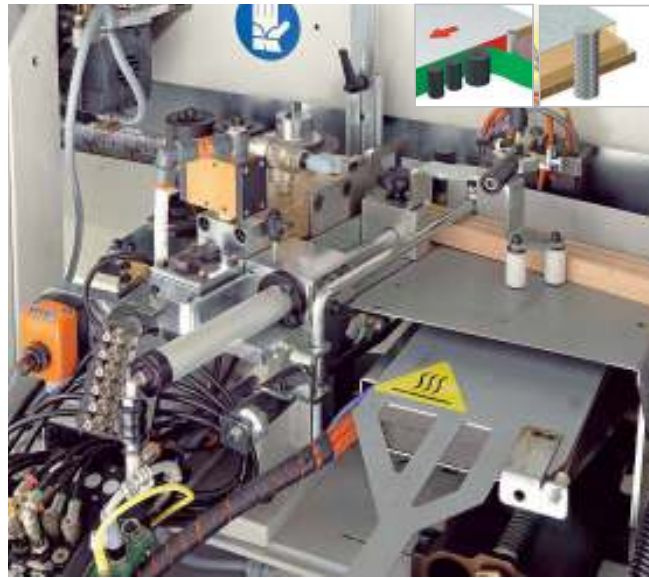
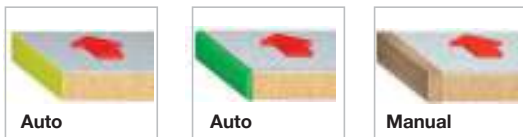
Jade 300 uses electrospindle of the exclusive series ROTAX. These are high quality electrospindles that allow highpower, compact design and top quality finishing standard. ROTAX are built for Biese by HSD, world leader in electrospindles.





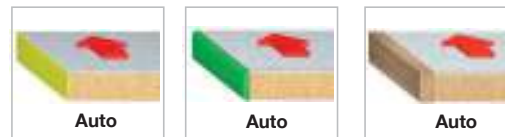
Gluing unit VC-511-R

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.



Gluing unit VC-511

Automatic loading of all roll and strip banding material (inter changeable loading rollers). Applied banding material pressed using 3 pneumatically controlled presser rollers (1 driven friction roller).



Pre-melting system for EVA glue. (Optional)





Jade 300

Operating units featuring great versatility



End trimming unit IN-801.

The group can be tilted (from 0 to 15 degrees) automatically from the control panel with two independent high frequency motors (0.8 kW each).

Tilting top and bottom trimming unit RI-501

2 independent high frequency motors (0.65 kW each) which can be tilted from 0 to 25 degrees. On request: 2-position switch for quick working change (i.e. 0,4/2 mm and vice versa).



Multiple function top and bottom trimming unit. For the automatic working change by NC axes and mutiprofile tool (Optional).

<p>Standard.</p>	<p>Tilting blades by NC.</p>	<p>FLEX SYSTEM: automatically by NC for postformed panels.</p>
------------------	------------------------------	---

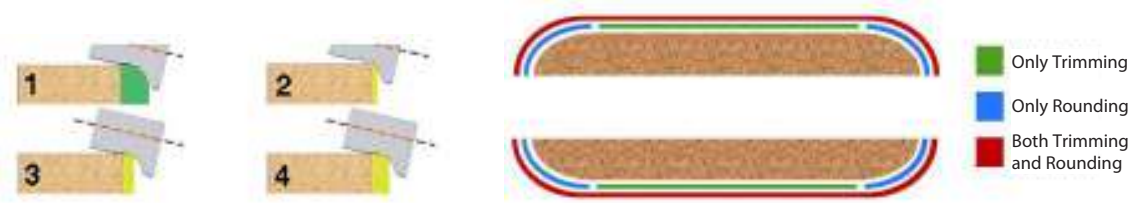




Multifunction 2 motors rounder CR-200V.

Standard

4 positions Fast System to change machining operation (e.g. 0.4 / 0.6 / 0.8 / 2 mm and vice versa) through Numerical Control.



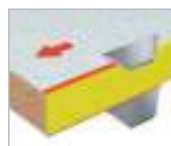
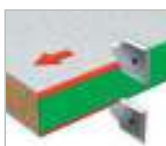
Milling unit
Tilting from 0 to 90°, for grooving and milling on lower or side panel surface.





Jade 300

Operating units featuring great versatility



Compact edge scraper unit RBK-503.

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.

Glue scraper RCC-701.

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

Brush unit SP-501.

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

Hot Air Blower PH-501 (Optional)

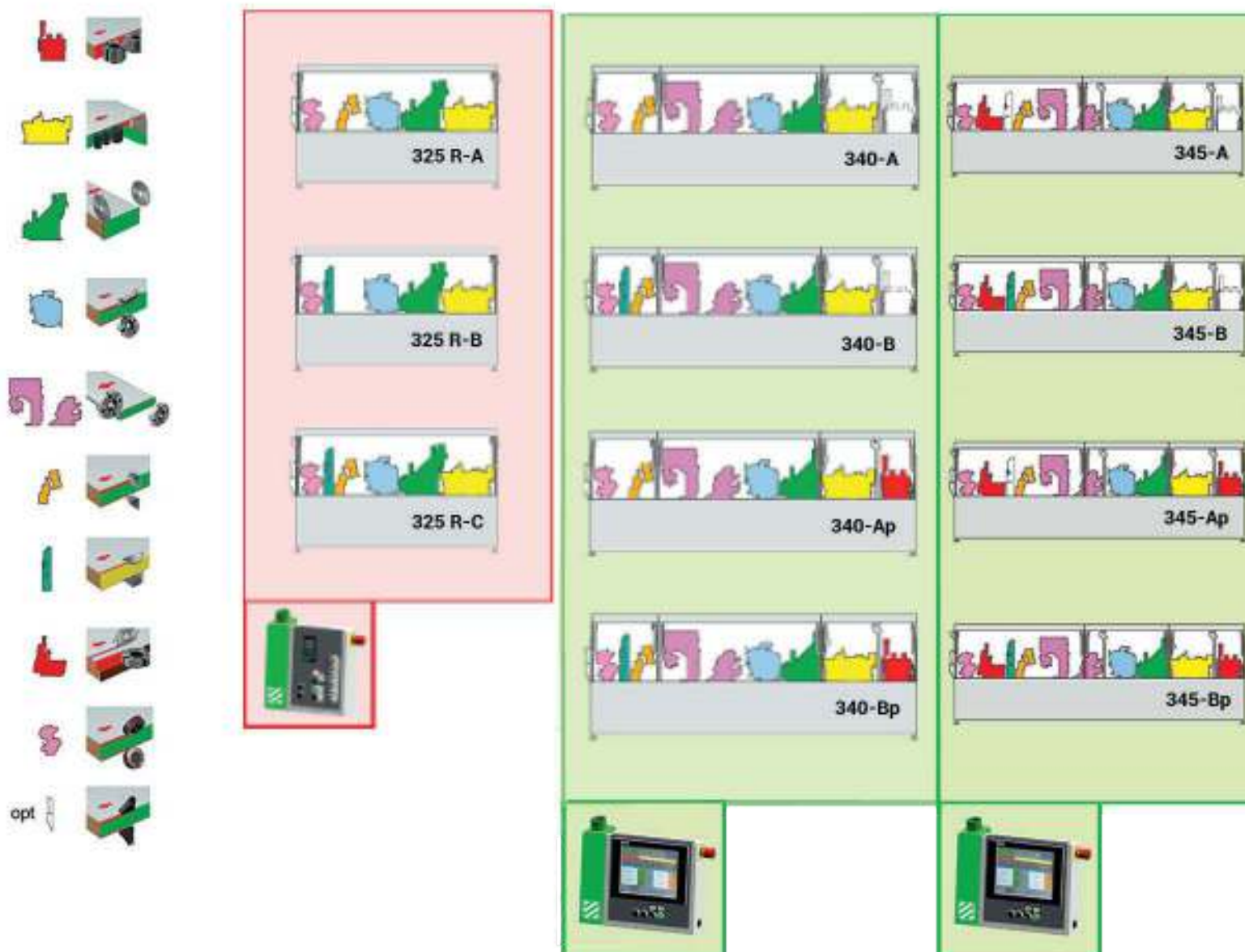
Hot air blower unit to restore the colour of PVC/ABS edges after scraping.





Jade 300

Compositions

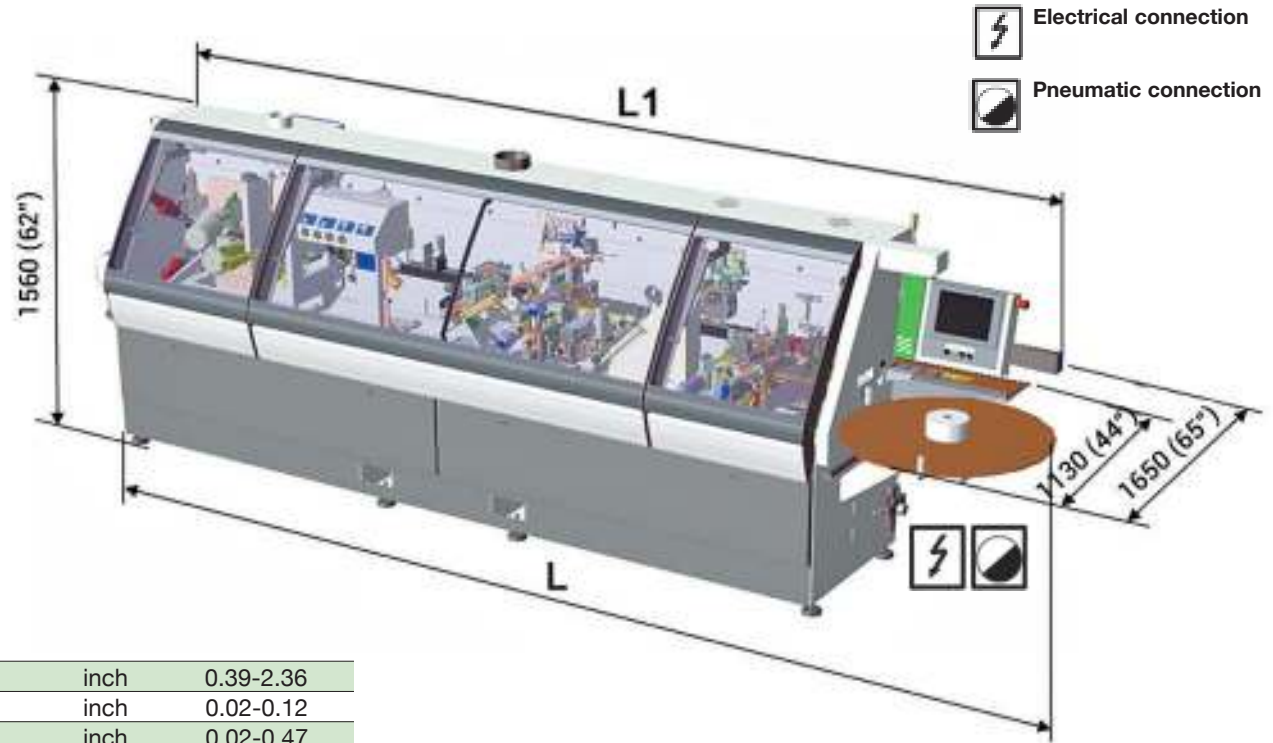




Jade 300

Technical information

	L			L1				
Jade 325	mm	3680	inch	145	mm	3520	inch	139
Jade 340	mm	5160	inch	203	mm	5000	inch	197
Jade 345	mm	5590	inch	220	mm	5430	inch	214



Panel thickness	mm	10-60	inch	0.39-2.36
Thickness of banding material in rolls	mm	0.4-3	inch	0.02-0.12
Thickness of banding material in strips*	mm	0.4-12	inch	0.02-0.47
Min. panel length	mm	140	inch	5.51
Min. panel width (with length at least 140 mm)	mm	85	inch	3.35
Min. panel width (with length at least 250 mm)	mm	50	inch	1.97
Chain feed speed	m/min	12 (12-18 opz.)	fpm	39 (39-59 opz.)
Pneumatic connection	bar	7	bar	7
Working voltage (three phases+neutral+ground)	V/Hz	400/50	V/Hz	400/50
Control voltage	V DC	24 - CC	V DC	24 - CC
Static frequency inverter	Hz	200	Hz	200
Glue pot capacity (approx)	kg	2	kg	2
Heating time at 1/2 load (approx)	min	10	min	10

Surface sound pressure level during machining in A (L _{pfA})	dB(A)	88
Sound power level during machining in A (L _{wA})	dB(A)	106
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.

When required, machines are supplied in compliance with CE standards.

* according to the operating unit chosen.





The Biesse Group

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

The Company offers modular solutions from the design of turnkey plants for large furniture manufacturers to individual automatic machines and work stations for small and medium enterprises and the design and distribution of individual highly technological components. 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 result of its attention to research and innovation, Biesse is able to develop modular products and solutions capable of responding to a vast range of requirements from clients.

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 **Biesse Group** has over 2,300 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

www.biessemanufacturing.com

Jade 300 E N5808N0052 09-2014

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
Tel. +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 in the World

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 WPM
Sintra
Tel. +351 255094027_Fax +351 219758231
biesse@biesse.pt - www.biesse.com

BIESSE MANUFACTURING COMPANY PVT LTD.
Head office
Bangalore, India
Tel. +91 80 49489800/1/2/3_Fax +91 80 49489810
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 9030026228
Chennai, India
Tel. +91 9840954375
Cochin, India
Tel. +91 9809114595

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.

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

BIESSE