

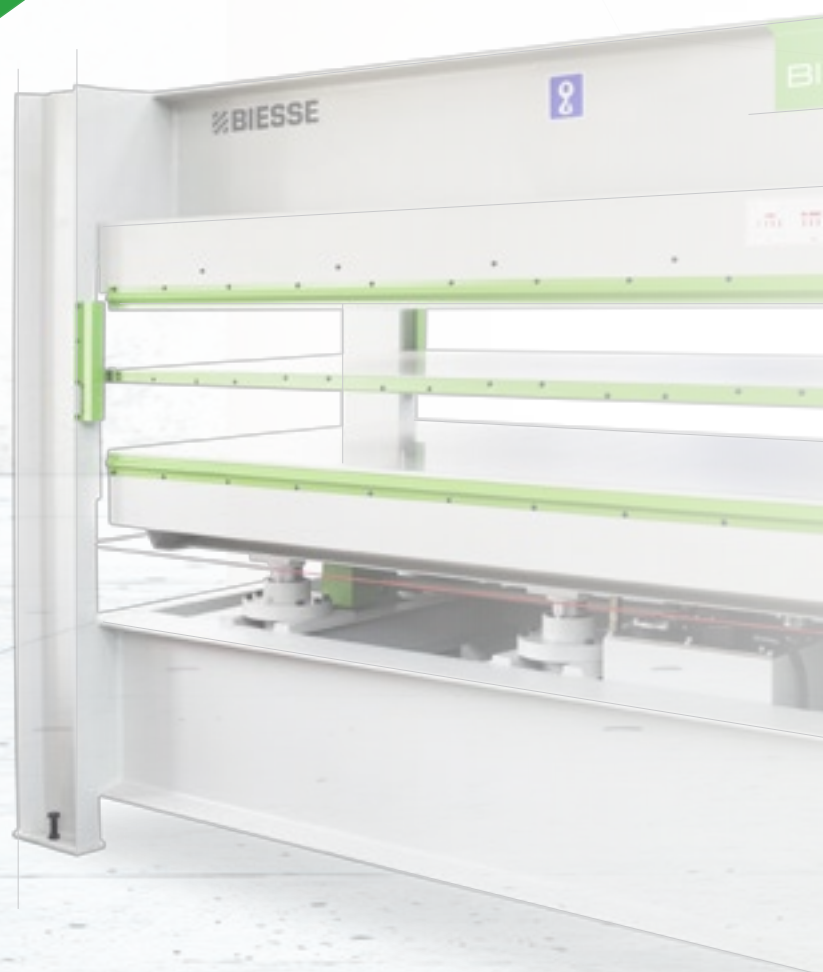
Blaze 120

hydraulic hot press



 **BIESSE**

When competitiveness
means increasing
productivity



Made **In** Biesse

The market demands

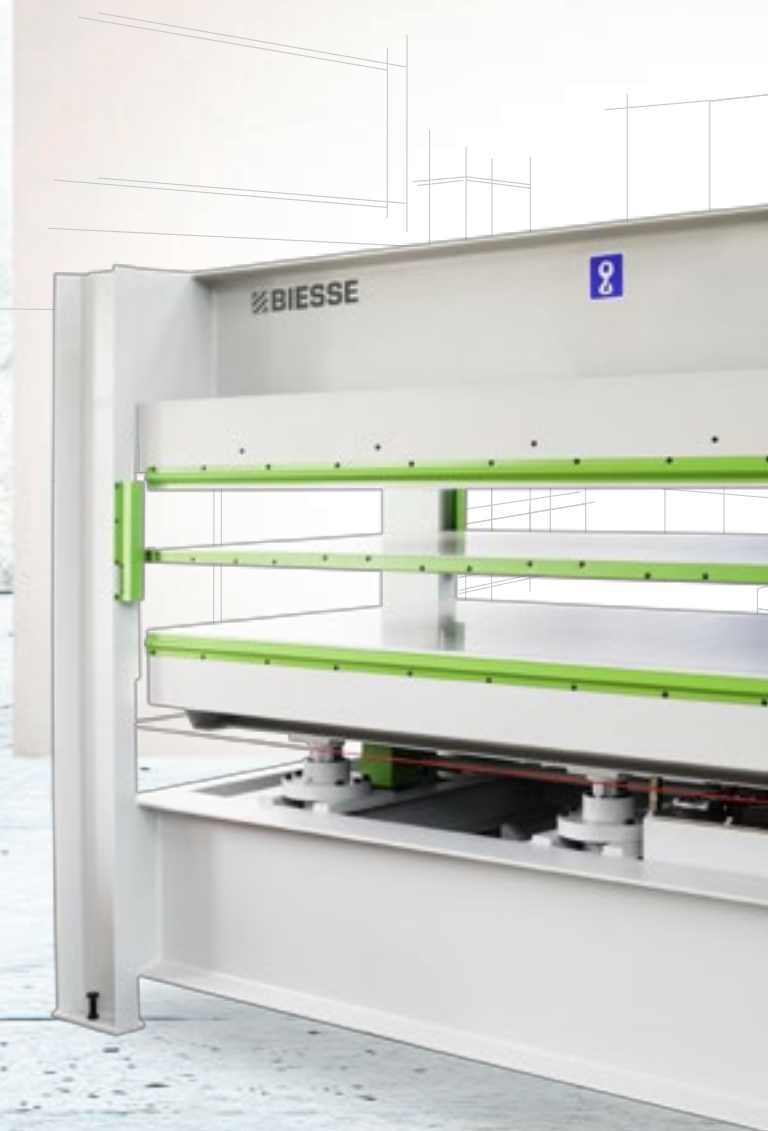
a change in manufacturing processes that enables companies **to accept the largest possible number of orders**, whilst maintaining high quality standards, **increased productivity and fast, reliable delivery times**.

Biesse meets these requirements

with advanced technological solutions which enhance and support technical expertise as well as process and material knowledge. **Blaze 120** is the hydraulic hot press for pressing laminates, veneer onto mdf, plywood and chipboard.

- ▶ **Maximum pressure.**
- ▶ **Perfect bonding.**
- ▶ **Easy maintenance.**
- ▶ **Safety operations.**

Maximum pressure,
perfect gluing



Blaze 120
hydraulic hot press

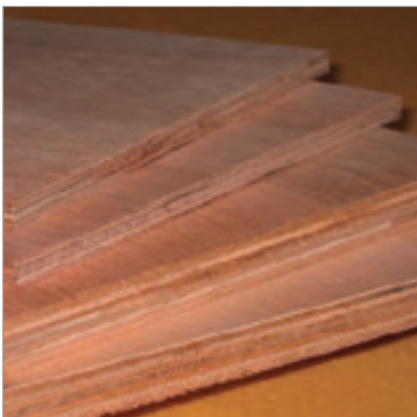


Customisation to suit to any manufacturing need

The heavy structure is stress relieved and machined to achieve geometric accuracy to ensure high rigidity and reliability.



Blaze 120 is the thermic fluid heated 120 ton hydraulic hot press available in 2 configurations: with 2 or 3 solid steel platens



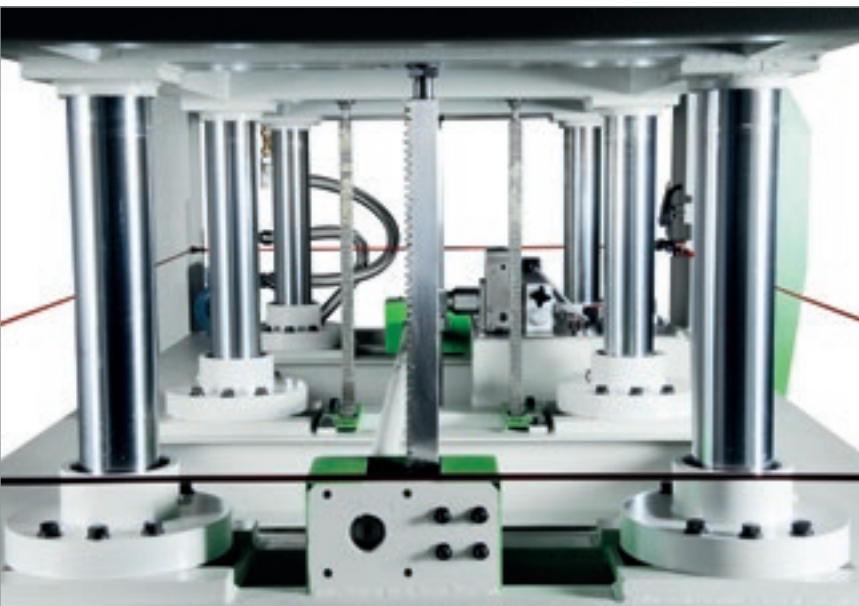
Maximum pressure and working precision



Solid steel platens, with holes for circulation of hot thermic oil guarantee perfect gluing. Platens are ground to ensure **perfect flatness and easy maintenance** to avoid glue spilling. Ground and polished pressing surface can be provided for special applications.



Thermic oil heating technology which is ideal for activating the glue for a **perfect gluing**.



Synchronised lifting movement of the 6 cylinders with double rack and pinion arrangement (2 lengthwise 2 widthwise).

Glueing compression

The lower platen moves by actuation of hydraulic oil cylinders. The press is used for various applications. It works on the premise of Pascal's law "when there is an increase in pressure at any point in a confined fluid, it propagates in all directions with the same intensity". Biesse Blaze 120 thermic oil heating technology which is ideal for activating the glue for perfect gluing.

HYDRAULIC HOT PRESS TECHNOLOGY

The possibility to configure the machine with 3 steel platens, provides the machine with great productivity. A perfect combination of Biesse technology and Italian genius.



The heart of the machine



The hydraulic unit is the heart of the machine, it is mounted securely in the middle of the lower part of the press.



This design removes any possibility of damage to the motor, pump and other aggregates.

Easy maintenance and safe operations



Emergency safety rope all around the periphery of the machine ensures added safety for the operator.



The machine is equipped with a 5.6" PLC Touch screen for easy setting and quick monitoring of the functions.

Service & Parts

Direct, seamless co-ordination of service requests between Service and Parts.
Support for Key Customers by dedicated Biesse personnel, either in-house and/or at the customer's site.

Biesse Service

- ▶ Machine and system installation and commissioning.
- ▶ Training centre dedicated to Biesse Field engineers, subsidiary and dealer personnel; client training directly at client's site.
- ▶ Overhaul, upgrade, repair and maintenance.
- ▶ Remote troubleshooting and diagnostics.
- ▶ Software upgrade.

500 / Biesse Field engineers in Italy and worldwide.

50 / Biesse engineers manning a Teleservice Centre.

550 / certified Dealer engineers.

120 / training courses in a variety of languages every year.

The Biesse Group promotes, nurtures and develops close and constructive relationships with customers in order to better understand their needs and improve its products and after-sales service through two dedicated areas: Biesse Service and Biesse Parts.

With its global network and highly specialised team, it offers technical service and machine/component spares anywhere in the world on-site and 24/7 on-line.



Biesse Parts

- ▶ Original Biesse spares and spare kits customised for different machine models.
- ▶ Spare part identification support.
- ▶ Offices of DHL, UPS and GLS logistics partners located within the Biesse spare part warehouse, with multiple daily pick-ups.
- ▶ Order fulfilment time optimised thanks to a global distribution network with de-localised, automated warehouses.

87% / of downtime machine orders fulfilled within 24 hours.

95% / of orders delivered in full on time.

100 / spare part staff in Italy and worldwide.

500 / orders processed every day.

Technical data

Press General Specifications

	2 Platens	3 Platens
Top and Bottom Solid Steel Platens	2500 x 1300 mm	
Effective working area	2460 x 1240 mm	
Pressing Cylinders	6 Nos.	
Ram Diameter	85 mm	
Ram Stroke	385 mm	
Distance between Platens	385 mm	170 mm
Maximum Total Thrust	120 Tons	
Heating Medium	Thermic Oil	
Overall Dimension (L x B x H)	4250 x 2800 x 1670 mm	
Gross Weight	5400 kgs Approx.	6300 kgs Approx.
Maximum thermic oil temperature	120° C	
Power Rating	21 kW	25 kW

The technical specifications and drawings are non-binding. Some photos may show machines equipped with optional features. Biesse Spa reserves the right to carry out modifications without prior notice.

Biesse Group

In

1 industrial group, 4 divisions
and 8 production sites.

How

€ 14 million p/a in R&D and 200 patents registered.

Where

34 branches and 300 agents/selected dealers.

With

customers in 120 countries (manufacturers of furniture,
design items and door/window frames, producers of ele-
ments for the building, nautical and aerospace industries).

We

3,400 employees throughout the world.

Biesse Group is a multinational leader in the
technology for processing wood, glass, stone,
plastic and metal.

Founded in Pesaro in 1969, by Giancarlo Selci,
the company has been listed on the Stock Exchange
(STAR segment) since June 2001.

 **BIESSEGROUP**

 **BIESSE**

 **INTERMAC**

 **DIAMUT**

MECHATRONICS

