

## Brema Eko 1.1, compact power designed to surprise.



Discover the new  
automatic vertical  
drilling machine

Watch the  
video

### Drilling has never been so simple!

In the world of industrial wood machining processes, the drilling process in particular requires the utmost precision to ensure the perfect interlocking of the various panels. The creation of bores, slots and cavities calls for machinery and skills able to produce results of the highest standard. This is where the technologies come into play, as they're designed to help firms carry out their work accurately and quickly.

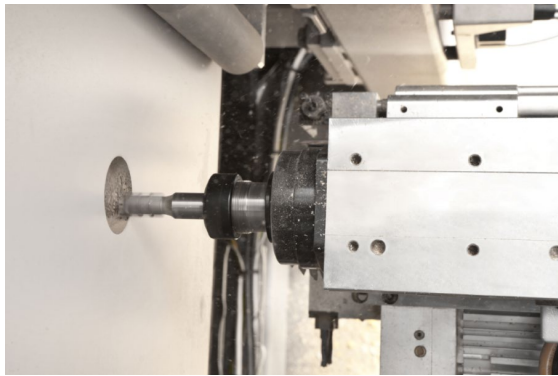
Biesse's range of borers provides a huge choice to meet every production requirement, and includes ground-breaking technologies for drilling, milling, cutting and inserting hardware on panels of different sizes.



### Compact power.

Endless machining operations in simple steps, top-of-the-range structure and components, optimum precision in every machining operation: these are the characteristics of the Brema Eko 1.1, the new automatic vertical drilling machine making its début as the smallest of the range, combining performance and flexibility in a small space and ensuring first class technology at a competitive price.

Built with top quality components and able to carry out infinite machining operations, this new drilling machine is an initial investment for a small business or the ideal solution for non-standard production in big companies, for producing small batches for third parties, and for all those who need flexible just in time production in a limited installation space.



#### The main characteristics and advantages.

Designed to guarantee outstanding practicality and meet any need, Brema Eko 1.1 occupies a very limited area (reducing the occupied space by 50%) and ensures excellent loading and unloading ergonomics, and offers high productivity levels thanks to the elimination of setting times.

- **Top-of-the-range components**

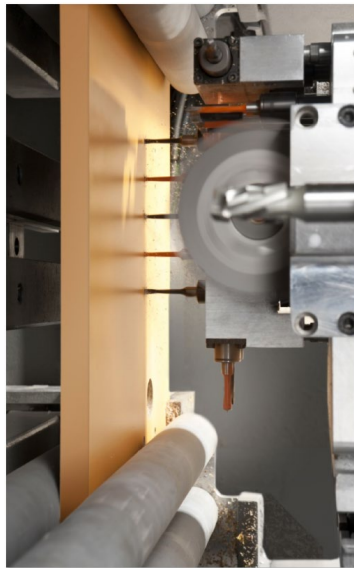
With first class components on all the machines of the product range, and thanks in particular to the 11 kW electrospindle with an HSK F63 snap-on coupling, the drilling machine can carry out any machining operation using tools and aggregates. The electrospindles, drilling heads and aggregates are designed and manufactured for Biesse by HSD, a global leader in the mechatronics sector.

- **Zero set-up times.**

Brema Eko 1.1 is the ideal solution for “just-in-time” production: the set-up time is equal to zero as the panel is handled by a fully automatic clamp that enables the program value to be altered in real time, guaranteeing the precision of machining operations in relation to the Z axis.

- **Simplicity and ergonomics.**

The vertical position of the work table makes loading/unloading operations highly ergonomic, enabling even the most delicate surfaces to be processed. The bar code and QR code reader is used to upload programs in the work list by reading the information on the label and activating the sequence of machining stages.



Find out about the range of Biesse borers:

<https://www.biesse.com/it/legno/foratrici>

BIESSE S.p.A - Biesse is an international company that designs, manufactures and distributes systems and machines for processing wood, glass, stone, metal, plastic and composite materials for the furniture, housing & construction, automotive and aerospace sectors. Founded in Pesaro in 1969 by Giancarlo Selci, it has been listed in the STAR segment of the Italian Stock Exchange since 2001. 80% of its consolidated turnover is achieved abroad. It operates in over 160 countries with 14 manufacturing sites and a direct presence in the main world markets. Its customers include industry-leading companies and some of the most prestigious names in Italian and international design. Currently, it numbers 4,300 employees.