

Precision

Leading in drilling precision and efficiency

PRECISION

HBBA 2600:

It is the most ordered machine in the last several years. The current model is equipped with a monitoring system between the magnetic tape and the servomotors. This prevents a wrong positioning of the machine. It has high accuracy and high efficiency. It is the fastest machine in the world.

- Processing Diameter: 1400-2600mm
- Position Accuracy: $\pm 0.01^\circ$
- Feed Rotation: $500^\circ/\text{min}$
- Master-Slave Servomotor Drive
- Soundproof Cabin
- Machining Time: 54 holes
 $\text{Ø } 1800\text{mm} < 2.5 \text{ h}$
- Options*

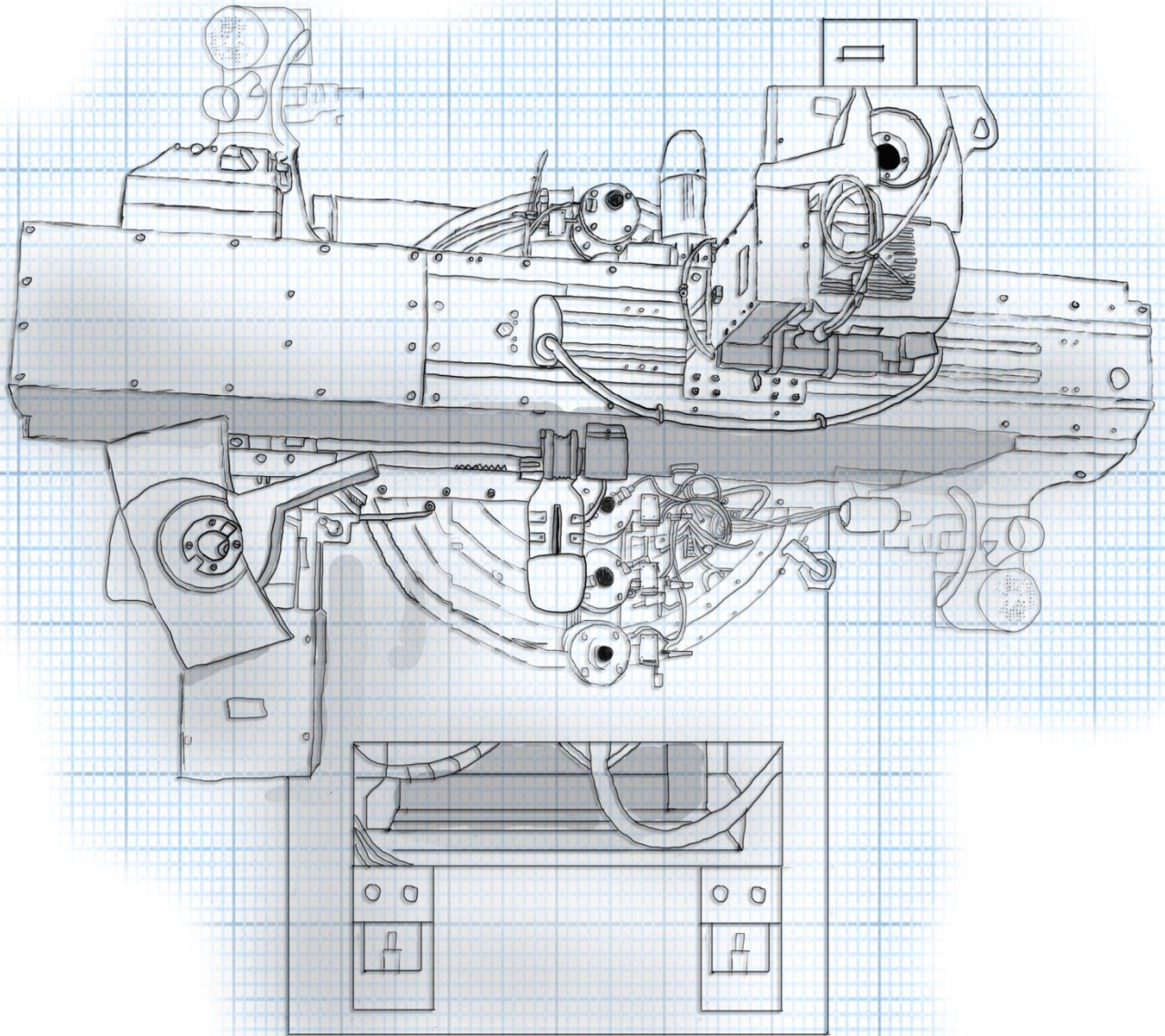
• Options:*

1. Sensor Hinge-Support -System
2. New Front Gate for Cabin
3. First Support completely covered with central lubricating system
4. Alarms & notification with beacon lights & buzzers
5. Advanced Powermonitoring
6. Automatic Exhaustion System
7. Milling unit with axial and radial movement
8. Modem for online monitoring
9. High precision main bearing
10. UPS (Uninterruptible power supply)

Freely customizable

Please inform us about your requirements that are not covered by our options. Due to our long time experience in building the HBBA and the machining of rotorblades, we are able to do many changes on behalf of our customers. The standardization just serves as a simplification but most components can still be negotiated and changed separately. We are also able to offer complete constructions, in the case that the HBBA is not sufficient for your needs.





HBBA Offshore:

It is especially designed for offshore blades which have diameter between 2300-4200mm. 2nd axial unit and radial unit are possible to be added in order to reduce 50% of the machining time. The main drive is a Master-Slave Servermotor Drive which is state of the art .

- Processing Diameter: 2300-4200mm
- Position Accuracy: $\pm 0.01^\circ$
- Feed Rotation: $360^\circ/\text{min}$
- Axial drilling unit with spindle capacity of 29Nm
- Radial drilling unit with a spindle capacity of 52Nm
- Options*

HBBA Offshore R&D:

Moveable axial unit is available in this type. Position of axial unit can be programmed so it can move on the arm in order to drill the diameter between 1600-4200mm.

- Processing Diameter: 1600-4200mm
- Position Accuracy: $\pm 0.01^\circ$
- Feed Rotation: $360^\circ/\text{min}$
- Axial drilling unit with spindle capacity of 29Nm
- Radial drilling unit with a spindle capacity of 52Nm
- Options*

Company Profile

- short introduction of the company.

Where we come from.

heinicke was founded in the 60ties of the last century in Lemwerder next to Bremen in northern Germany. Originally we supplied accessories for the ship building industry and in the mid of the 80ies we got into the wind power market.

Our customers.

Our clients are not only all German rotor blade companies, we also delivered machines to Spain, Denmark, Finland, Portugal, France, Turkey, Scotland, Poland, Netherland and Belgium. We have more than 130 HBBA machines running in different parts of the world like India, Brazil, USA, Kanada, Korea, China and Japan and even our very first machine is still in operation, for more than 20 years.

What we produce.

We developed our HBBA, a high precise and efficient trimming and drilling machine for rotor blades. The HBBA was designed to machine the root of the rotor blade full automatically to prepare it for the fixation on the rotor hub. heinicke is over 20 years world market leader in precision, efficiency and machine time.

Our advantages.

Our HBBA is tailored to the individual clients needs and is subject of permanent advancement. We have one kind of Onshore machine and two different kinds of Offshore machines. With this machines we are able to machine rotor blades from diameter 1400mm up to diameter 4500mm. All our machines are individually programmable, fully automatic and user optimized.



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