

## PRESS SYSTEMS



**Thermosetting presses & series presses**  
Efficient, high-performance solutions you can rely on



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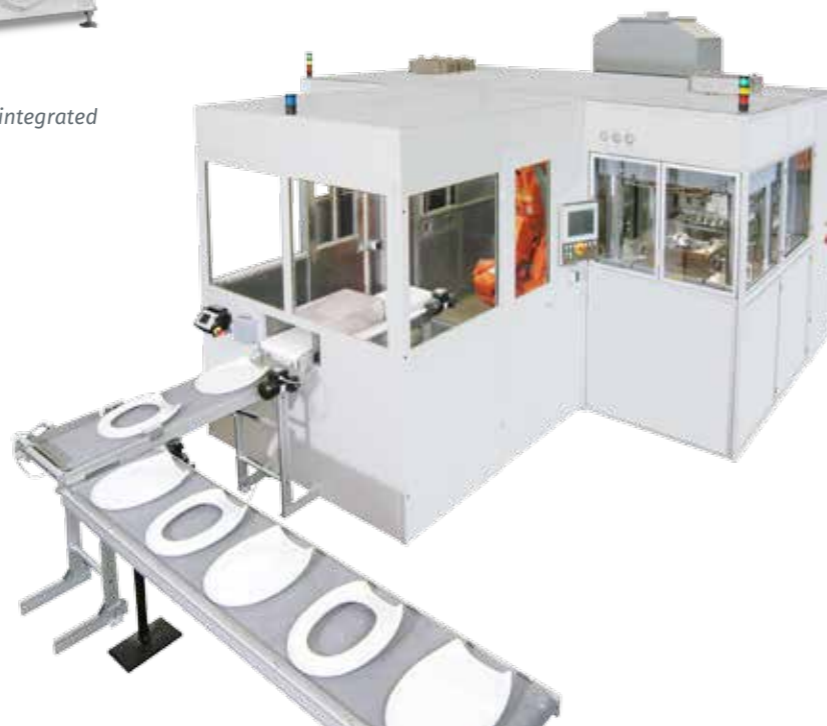
Full automatic transfermoulding machine type DHT100, with integrated tool cleaning, pre-plasticizing system and material handling

**Thermosetting plastics prove their worth when thermoplastics reach their technical limits.**

While thermoplastics melt when heated and become very brittle when cooled, thermosetting plastics stand out due to their **remarkably high tensile and compressive strength**.

Press systems from **Boyke Technology** are ideal for processing thermo-setting plastics. Our presses can be used to manufacture plastic products both for technical applications and everyday use.

Double-production cell type FSR400 for the production of urea toilet seats, with integrated mechanical finishing



Our presses are based on the experience gathered from the Viebahn press systems and they combine this experience with the latest technological developments. Our presses are extremely powerful and efficient thanks to the use of **modern components**. The user-friendliness of the machine is, of course, a focal point, and this is guaranteed by a modernised control system and an **intuitive user interface**. Since customer requirements can vary significantly depending on the field of application, **we see ourselves as a special purpose machine manufacturer** and would be delighted to meet your specific requirements.

### Are you looking for special solutions that meet specific technical requirements?

**We would be happy to assist you from the initial conception right through to the finished machine:**

With our profound expertise and our many years of experience in the plastics processing industry, we are able to provide you with advice as early as the planning phase. Our engineers will help you to find the ideal technical solution and our designers will plan and develop the system based on the technical requirements and your specific design requests.

**When designing our machines, we attach great importance to functionality, short cycle times and the efficient use of space and resources.**

## We see ourselves as a special purpose machine manufacturer

Thanks to our new machine controller, we are able to control production processes with the utmost precision and to visualise them in a user-friendly manner. Recipe management and process data management are at the heart of our modernised machine design. Material feeding and high-precision dispensing systems guarantee **high process stability and keep material loss to a minimum**.



Press system type DH100 for transfermoulding – custom made version with vertically arranged pre-plasticizing machine



Hydraulic press type DHT25 for transfermoulding with integrated pre-plasticizing machine



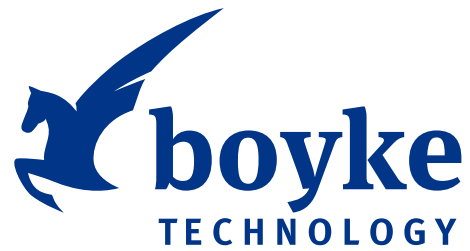
Automatic press system type DA100-2 with two units for the processing of thermosets

### PROCESS AUTOMATION

Robots are playing an increasingly significant role in the production process in order to reduce cycle times further still. By integrating robot systems, various downstream production steps can be combined **into one automated production process**.

### Product-Portfolio

- Presses with 5 t - 400 t (500 kN - 4 MN) closing force
- Multi-station presses with 2 or 4 press units with 20 t - 150 t (200 kN - 1,5 MN) closing force
- Presses for applications such as toilet seats with 400 t - 800 t (4 - 8 MN) closing force
- Solutions for processing silicone & rubber
- Plasticisers preheating for moulding compounds
- BMC dispensers
- Transfer presses for coating coils



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EXTRUSION SYSTEMS

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WEAR TECHNOLOGY

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PRESS SYSTEMS

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Distribution and service for Germany, Europe and the whole world through established network structures directly onsite.



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