



MHT MOLD & HOTRUNNER
TECHNOLOGY AG

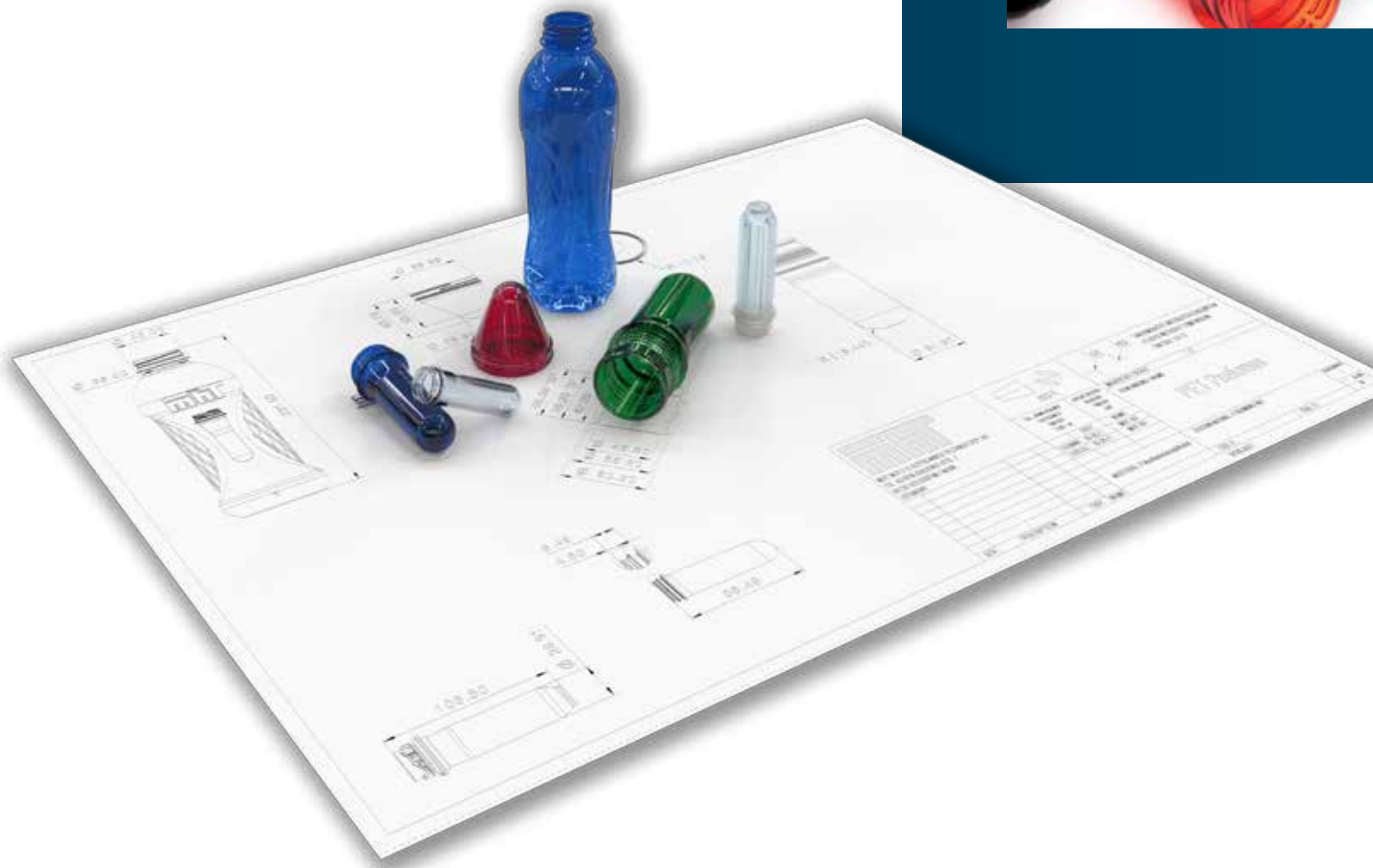


MHT Packaging Design

Injection molding and stretch blow molding

Create a "wow" on the shelf!

You know exactly what kind of bottle you want? We can help you realize your idea. Together with the colleagues at our parent company Kronos we combine our experience in the injection molding and stretch blowing fields. Please take advantage of our profound expertise in preform and bottle design.



OUR SERVICE

- Advice regarding design, material, product requirements and technical implementation
- Technical optimization of existing designs for weight, surface and line efficiency
- Material tests
- Injection simulation for special preform geometries
- Sample preform production within 2-3 weeks
- Stretch blow molding tests

Based on your requirements and CAD data, we will plan the design implementation. Within two to three weeks, we create molding components and preform samples. If required, we can also blow-mold sample bottles for you in cooperation with our parent company Kronos.

From idea to product

Concept

Briefing, analysis, consulting

Engineering

Preform dimensioning, light-weighting, visualisation, FEA simulation, 3D mock-up

Validation

Preform injection test, stretch blow molding tests, laboratory tests

Functional Approval

FAT (Factory Acceptance Test), mold validation (big quantities)

Start of Production

SAT (Site Acceptance Test), series production



FAST 2-CAVITY MOLD AND SAMPLES

Our fast 2-cavity sampling concept will speed-up your product development process. With a prototyping mold we can produce your preform samples within only two to three weeks as long as it is a standard thread geometry. This is possible by using mostly standard stack parts. Only few parts need to be made individually.

The quickly produced prototype preforms make it possible to gain important information, revealing improvement opportunities for future processes. Using the simulation, the development time can be shortened, while increasing product development efficiency. Last but not least, you will gain important information for optimizing the intended line production with our production tools.



Dimensions for the fast 2-cavity mold	
Body diameter	max. 40 mm
SL diameter	max. 42 mm
Thread diameter	max. 40 mm
Parting line - length at neckring	max. 46 mm
Parting line - length at cavity	min. 20 mm

Save time and money with our professional support for packaging design!





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