TRAINING & SUPPORT PROGRAMMES

MOULD DESIGN / PRODUCT DEVELOPMENT.

> We combine the strength of technology with knowledge and experience, so that our customers gain an edge over the competition in the glass packaging industry.

Choosing strategic partners is a key factor in any business, which is why EMPAKGLASS is the right partner for you.

Training and support programmes. Detailed training plan prepared by the mould design department.

THE TRAINING.

THE MOULD DESIGN / PRODUCT DEVELOPMENT TRAINING COVERS

1. **Product development:** knowing what the containers are used for, and creating a design that improves and optimises line performance.
2. **Definition of the production process** and the rules of parison design.
3. **Interaction of the mould parts:** knowing the limits of the machine and choosing the right assembly.

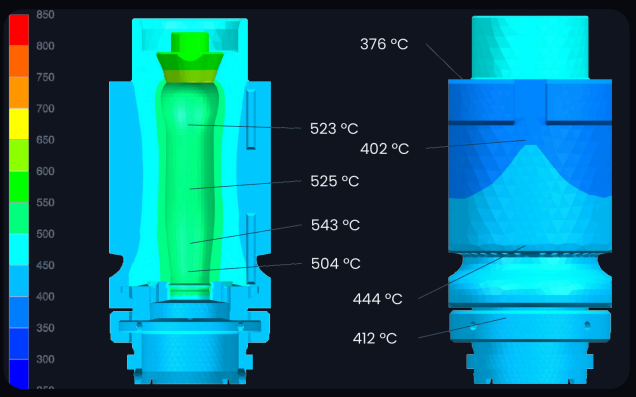
4

working days, combining theory and practice

Real cases

Participants are encouraged to bring their real case scenarios to test us



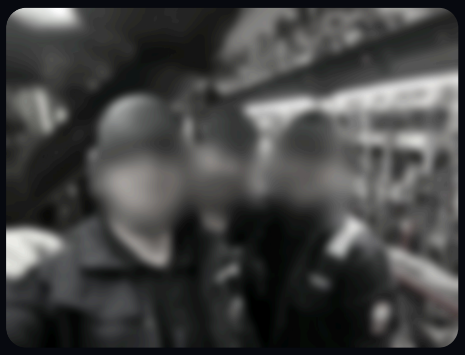


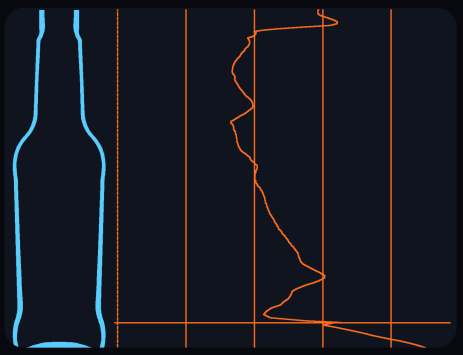
NOTES

1. For customers starting out in the glass industry, additional training days should be considered.
2. The training combines practical and theoretical work. We encourage participants to bring their real case scenarios to test us.

CONTENTS (1/2).

1. Introduction and goals of this seminar
2. Mould design department tasks
3. How glass influences the mould design
4. IS timing
5. BB production process
6. WMPB production process
7. NNPB production process
8. Weight control
9. Container development
10. Exploring design with the filling line layout
11. Lightweighting as a case of container iterations
12. General rules for equipment development







CONTENTS (2/2).

PARISON DESIGN RULES, EQUIPMENT AND COOLING

13 **BB parison design rules** (with several real case examples)

14 **WMPB design rules** (with several real case examples)

15 **NNPB design rules** (with several real case examples)

16 **Mould equipment components**
16.1 Mould design limits and restrictions (looking into the MD Manual)
16.2 Using the Mould Design Manual for a particular IS machine

17 **Blank side and blow side cooling**

18 **Material specifications** and their influence on performance

19 **Edge metallisation**

Your plant

The training can be held at the customer's site

Our office

or at the Empakglass premises

Quote

Basic costs are defined and adapted to your requirements

TALK TO OUR TEAM

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