

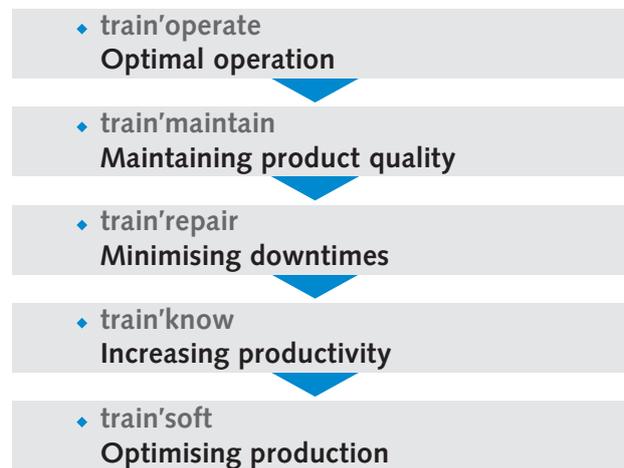
Bystronic glass courses

Using technical know-how to achieve success

Qualified employees are your company's greatest asset. That's why we not only provide our clients with the most modern machines and systems, but also offer training courses to teach new and more advanced skills. This will enable your employees to use our machines economically, safely and reliably and in a manner that will ensure quality.

Our training courses offer a customised programme for each participant to guarantee the greatest possible success in training. The individual training courses are made up of modules.

The b'train training modules:



Featured topics	train' operate	train' maintain	train' repair	train' know	train' soft
Knowledge of the machine's safety concept	◆	◆	◆		
Description of the main components and functions of the machine	◆				
Explanation of the machine's operating modes and sequences	◆				
Knowledge of how to operate the machine	◆	◆	◆	◆	
Explanation of the most important parameters and settings for production	◆				
Information about changing materials used in production	◆				
Basic knowledge of regular cleaning and maintenance tasks	◆	◆			
Knowledge about planning maintenance and upkeep jobs		◆			
Instruction in the use of the electronic parts catalogue "Bystronic Parts Catalogue"		◆			
Training in how to replace and adjust submodules and individual parts		◆	◆		
Basic knowledge of necessary spare and wear parts		◆	◆		
Fundamental knowledge of electrical components			◆		
Knowledge of systematic procedures for eliminating operating faults			◆		
Basic knowledge of possible causes of faults and how to eliminate them			◆		
Basic knowledge in usage of the right tools				◆	
Basic knowledge of options for increasing production				◆	
Basic knowledge of correct programming of shapes				◆	◆
Knowledge of the correct use of optimisation tools					◆
Basic knowledge of the nature and makeup of machine control units (software)					◆
Knowledge about storage management					◆

◆ = Generally valid ◆ = Exclusive for Bystronic Maschinen AG ◆ = Exclusive for Bystronic Lenhardt GmbH



◆ train'operate – Optimal operation

The course train'operate LEV1 provides training on operating machines for members of the production staff. Participants will master the basic principles of machine operation with due consideration given to safety requirements.

In the train'operate LEV2 continuation course, experienced instructors offer a greater depth of information on operating and optimising machines for production employees.

Participants will master the steps leading to increased machine efficiency. They will be able to perform regular cleaning and maintenance tasks to ensure production runs as smoothly as possible.

◆ train'maintain – Maintaining product quality

The condition of a machine's functional elements is a critical factor in achieving constant product quality. That's why participants in the train'maintain course learn to schedule and perform maintenance tasks by themselves.

After completing the course, they will be able to know which spare and wear parts are needed and how to arrange for them.

◆ train'repair – Minimising downtimes

Reducing down times is the basic element to ensure your machine operates economically. The train'repair

course provides the information needed to do just that. Participants will receive a basic introduction to the electrical hardware diagram and will become familiar with all the electrical components of the machine. They will learn how to test, replace and adjust electrical components. After completing the course, they will be able to diagnose and eliminate faults and malfunctions of machines and control units.

◆ train'know – Increasing productivity

The train'know course is the right choice for anyone who has to deal with the interrelated issues of quality and increasing production output.

Participants will acquire a basic knowledge of software products that are used and how to use them in day-to-day operation. They will also receive instruction in the basic principles of the machine control units and learn how to recognise opportunities for improving production and what practical measures to take.

◆ train'soft – Optimising production

The train'soft course is the right choice for anyone who has to deal with cutting optimisation or production control. The participants learn how to use the corresponding software products correctly.

Please do not hesitate to contact us if you would like to receive detailed information on our b'train courses. We will gladly send you a no obligation quotation. To find your local contact, please visit our homepage.