



Control System BC Eco

The software-based BC Eco control system with real-time Ethernet and touch panel makes older Kautex machines ready for Industry 4.0 – improving your production through more precise control and monitoring solutions and enabling energy savings. The virtual commissioning on the digital twin is unique: It reduces risks and downtime of your machine to a minimum.

Touch-Panel as central overview and operating unit






Thanks to BC Eco, the temperature control of your blow molding machine is done precisely, via a compact touch panel. A weekly timer switches the heating zones of your system on or off or lowers them as required. This provides additional control over production and improves energy efficiency. BC Eco also allows you to save defined machine settings on external data carriers and to make hard copies of your screen pages.

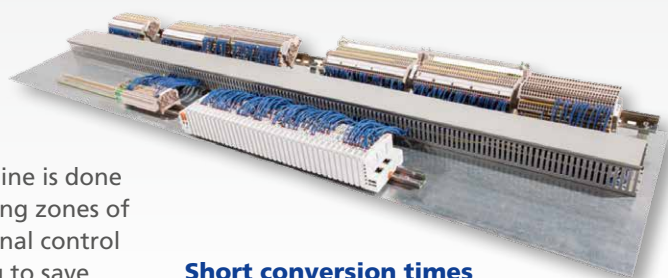
Improved monitoring for more production reliability

A conversion extends the life of your machine and reduces possible downtimes. BC Eco allows you to subsequently digitize your existing production: In addition, enhancements, such as for remote diagnosis or for big-data applications, can be integrated into the system. In the event of a malfunction, you benefit from the higher availability of compatible spare parts.



Stefan Busse
Kautex Expert for Kautex K-Training

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Easy to use
Intuitive control via the integrated touch panel
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Fast exchange of information
The EtherCAT technology enables real-time data transfer
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Secured production
BC Eco reduces downtime and improves the availability of spare parts
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Overview of machine status
The integrated message display provides information on faults in your machine
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Fast upgrade
Short conversion time and commissioning due to digital twins



Short conversion times due to digital twin

Kautex Maschinenbau offers a cost-effective upgrade for selected KEB machines with S7 control system (other machine series on request). Virtual commissioning and pre-validation saves travel costs and waiting times. Even troubleshooting and modifications can be implemented remotely with little effort.

If you have any questions, please contact:
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