

TECHNE®



PLC update

Upgrade your extrusion blow-moulding machine to a new generation PLC



EXTRUSION BLOW-MOULDING
SOLUTIONS



Today in the field of machinery, a lot of equipment which still have a reasonable long life to be on operation are slowly running out of production, especially parts related to PLCs, which availability is more and more limited.

In 2007, we developed a PLC with Austrian Automation leader B&R, based on Windows operating system, which has been on operation on all our ADVANCE series since then.

Today, we make this technology available as an upgrade on a large range of our previous models for the customers who want to continue to use their machines with the best performance possible and to get benefit from the numerous new functions offered by this new solution.

SYSTEM 4000-S | S660



SYSTEM 4000-TW | T660



SYSTEM 15000-S | S700-700



SYSTEM 10000-SFA



SYSTEM 10000-S900



SYSTEM 10000-T900



SYSTEM 6000-TW



With a quite short stop of the machine (2 weeks), your operators will be trained and your machine will be ready to produce bottles with a series of additional upgraded features.

The activities to be done on the machine include:

- unwiring and dismantling of the existing PLC
- installation and wiring of the new PLC and PC
- installation and wiring of the command monitor and switches, including Ethernet connection
- upload of the program
- start up, commissioning and training



ETHERNET **POWERLINK**

Some of the features made available on your machine:

- stop of the machine on phase
- automatic repositioning
- help pages regarding timers
- temperature trend for extruder and extrusion head
- implementation of controls on times
- movement trend for shuttle, moulds and blowing
- melt pressure trend on 90 minutes
- 500 points dosing for parison profile
- pressure transducer calibration on video screen (shunt function)
- alarms grouped by categories
- maintenance plan on screen (settable based on number of hours or on number of cycles)
- production recipes selectable through filters and possibility to export them on USB pen-drive
- safety level managed by tag (badge)
- high quantity of statistic data
- help and diagnostic for movements
- diagnostic on modules and I/O
- online remote assistance service through Ethernet, free of charge for the first year and with a yearly fee for the successive years



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reliability

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optimization

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