

# Universal folder control

Applying the Mobics Folder control system empowers you to monitor and increase the production efficiency of your folding machine. The 5,7 inch or 8,4 inch touch screen makes it easy to operate and shows an instant clear overview screen with alarm or message text, recipe name, machine speed and folding method.

## Mobics universal folder control features:

- fits on every folding machine
- competitive price
- robust and stable
- user friendly interface
- extended test programs to quickly track malfunctions without the need of a wiring diagram
- equipped with total counters, counters per program and a set of counters per day
- easy adjustments with a help text per parameter, no manual is needed to setup or adjust a program
- Up to 100 user programs, programs can be easy copied

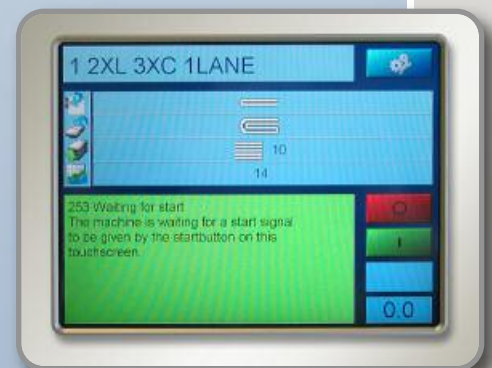
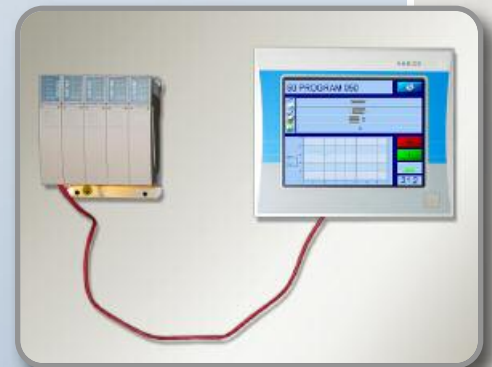
The unique Mobics universal folder control allows you to monitor the production process actively. The bright overview display shows a graph which indicates the achieved production per hour per operator and in total over the last 8 hours

## Management information system

The Mobics folder control is prepared to be connected to the Mobics Management Information System (M.I.S). This will give managers, engineers and operators detailed information about production figures, rejects, downtime, errors, warnings and other statistic data. Most data can be analyzed in a self chosen time span. Up to 100 Mobics controls can be connected to one M.I.S.

## Technical information

- Clear overview screen with alarm / message text, recipe name, machine speed and folding method.
- Production records per day automatically stored over the last 100 days.
- Full backup to and restore from USB stick possibility.
- Automatic parameter backup on internal flash card. No data loss in case of an empty battery.
- Engineer tools like: Alarm history, Input an output monitoring and testing, parameter backup and restore, quick setup buttons.
- Parameters which aren't used, will not be visible or adjustable to make setup easier and more user friendly.
- Prepared for internet/modem connection for online support.



# OEM information (original equipment manufacturer)

- Always the same software, regardless of the machine type and options.
- Software automatically recognizes screen size. A 5,7" screen can be replaced with an 8,4" or vice versa without a software change.
- Screen resolution of 640x480 pixels for the 5,7" touch screen and 800x600 pixels for the 8,4 inch touch screen. Both screens have 18-bit (262.144) colours.
- Connection from PLC to inputs/outputs with standard Ethernet CAT5E cable.
- Touch screen can be mounted on a remote location with a maximum distance of 70 meters without need for additional hardware.
- All texts, like alarm texts, parameter (help) texts and counter texts can be edited and changed.
- Brand labelling: Bitmaps on buttons, start-up logo and start-up screen information can be edited to achieve a unique, user specific, screen layout without changing the software.
- A new language can be added without the need of deleting the existing languages.
- Software update by USB stick.
- Full USB stick backup and restore possibility. A new machine can be loaded with the contents of a similar machine, including all parameters. No other parameter settings have to be done which decreases test and start-up time.
- User configurable machine options. All options, like number of lanes, number of folds, etc. can be changed.
- Control system can be used in combination with almost every type of encoder or counting wheel.
- Control system can be used in combination with almost every type of sensor.
- Free assignment of inputs and outputs. All inputs and output can be assigned to a self chosen location so a minimum number of input and output modules will be needed and all modules are used efficiently.
- System is designed to have a minimum risk of data loss in case of an empty battery. This is achieved by the USB stick backup possibility and automatic creation of a parameter backup file in case parameters are changed. The control system stores up to 10 parameter backup files which can be restored at any given moment.
- Standard Ethernet connection which can be used to connect the PLC to Internet or modem for online remote support by Mobics.
- If an option is added to the machine later on, the user can configure the new option and if necessary, the location of the new inputs and outputs without changing the software, so without any other complementary costs.
- Provided with English or Dutch user manual.

