

folderMATE-530 Stack-Store Control (Other Configurations Available Consult Factory)

The Touch-screen operated, PLC controlled folderMATE-530 Stack-Store is designed for replacement of an existing ACS version Challenge Series multi lane MP430 Stack-Store. The new control can sense up to five lanes of material entering the folding machine. Each lane can be individually setup and adjusted via the touch screen's simple and intuitive interface to allow tight control of the folding and stacking processes. The folderMATE-530 controls the delay before folding, fold duration (in milliseconds) and the fold count per lane before indexing the folding machines carousel to the next empty material storage position. Ten products can be setup in the controller with defined presets, allowing quick selection and minimal delay between folding batches. The folderMATE-530 Stack-Store also allows the facility to run on manually entered presets for specials etc.

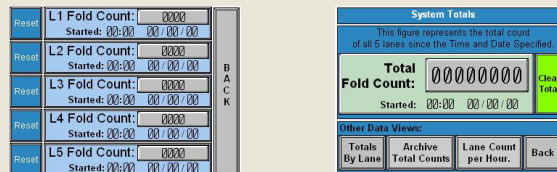
The Straight Forward Touch Screen Operation:

Run Screen information, Lane Counts, Machine/Lane Status as well as Product Setup is easily navigated at the touch of an on screen button.



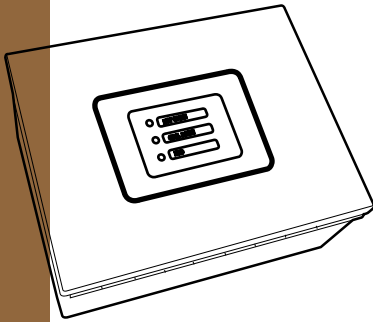
Versatile and Flexible Features:

Setting up or modifying a material for folding is fast and simple, with easy to use screen thumb wheel data entry and touch switch control. Lane status counts and alarms are all available on a single screen. Current and historical lane count data is stored in the folderMATE-530 Stack-Store and can be viewed at the touch of the screen by machine operators and production management.



Connections:

The Unit offers a simple retrofit connection to the existing industry standard connections that typically exist on the machine. We can provide special wiring where necessary.



Control Characteristics

Physical: Enclosure - Fiberglass is Standard

Dimensions: 14" x 12" x 8"

Mounting: Direct to Machine as Replacement

Display: 5" x 7" STN Display



Control System: Omron PLC and Color Touch-screen

Electrical: Mates with Challenge Series

Machine hookups (other applications possible consult factory)

Application 24 volts AC 60Hz; no isolation necessary; output relays contacts rated at 5 amps., Other specifications are possible contact factory.

Programming: Simple to understand data entry using English Standard numerical inputs with the touch of an on screen button.



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