

FOLDERS DEVELOPED WITH EXPERIENCE AND INNOVATION FOR OPTIMUM RESULTS

## LavaFold Multi-Lane Folder

Lavatec folders offer reliability, productivity and top finishing quality in folding. Whatever the type of laundry, Lavatec has a folder adapted to your needs.

The market is constantly evolving with regards to the laundry that needs to be treated. The size of articles is increasing, and products like duvets or table runners are becoming increasingly popular. The LavaFold Multi-Lane Folder has managed to adapt to these developments, providing solutions that are straightforward and adapted to each particular case, be it King size or Queen size sheets, duvets or bedspreads.



### CONTROLS

**USABILITY** The user interface has evolved. The LavaFold are fitted with a touch screen with a system of graphical menus that provides the maximum understanding and control of the machine for people of different languages and cultures, or those with disabilities.

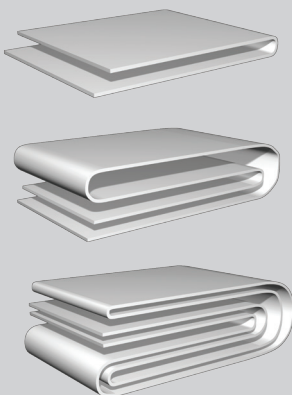
**ADVANCED CONTROL** Users now have greater control over the folder:

- 20 programs available
- Various counters: per item/program, total items, operating time
- Fault histories
- Communication with feeders and/or flatwork ironers (depending upon models)
- Modem link for telemaintenance (optional)

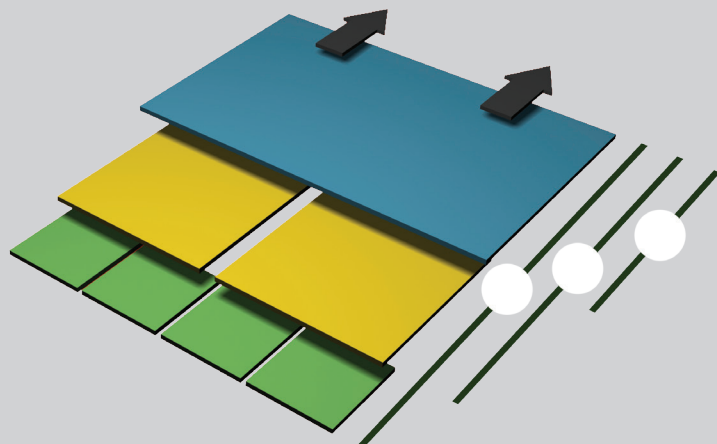


### VERSATILITY

The folding options and the number of lanes can be adjusted to match production requirements.



The LavaFold FL80 performs up to three primary folds and three cross-folds.



The LavaFold FL80 has the option of working on 1, 2 or 4 independent lanes.

## ADAPTABLE TO ALL IRONERS

The laundry feeding belt has a multi-position design which allows it to be adapted to all ironers on the market, whatever the manufacturer or the diameter of the roller. Thanks to its compact design, it can be installed in 118 inch, 130 inch and 138 inch flatwork ironers. The LavaFold FL80 can be coupled to both a rotary stacker and a flap stacker.

## PRODUCTIVITY

The design of the primary fold and the cutting-edge speed control with inverter allow the LavaFold FL80 to automatically adjust to the requirements of the flatwork ironers up to 164 ft/min.

## TECHNOLOGY

**EFFECTIVENESS AND SIMPLICITY** On emerging from the flatwork ironers, the articles arrive on bands sustained by support plates that ensure the laundry is perfectly flat. The band circuit has been specially designed to hold the article throughout the primary folding phase—ensuring precision and regularity right to the last fold.

**“LONG LIFE” DISTRIBUTING VALVES** The air blast comes from a series of electromechanical “sliding” distributors, which are much more reliable and quicker than traditional ones, and with an estimated life 10 times higher (70 million cycles). In addition they ensure uniformity and quality of folding, and significantly reduce consumption of air and electricity.

**PRIMARY FOLDING WITH “SUPPORT” SYSTEM** The folder incorporates a simple system that supports the laundry as it is being folded. This succeeds in reducing the movement of the article and considerably increases the quality of the folding.

**MAINTENANCE-FREE TRANSMISSION** The toothed belt transmission reduces the folder’s noise levels and eliminates the lubrication required by chain-driven transmission, thereby simplifying maintenance.

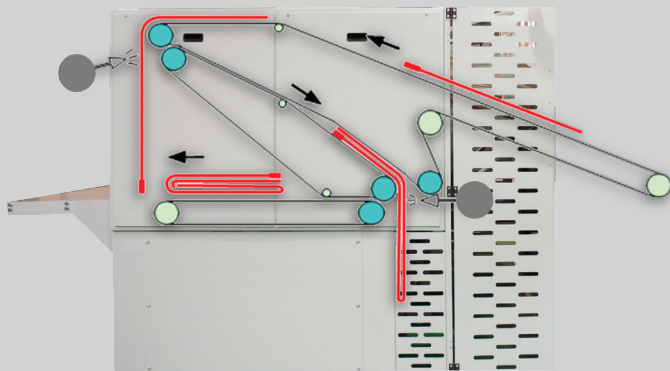
**SELF-CLEANING REFLECTORS** The photocell reflectors are arranged in such a way that the laundry itself cleans the reflector as it goes past, thereby preventing defects, quality loss, blockages and maintenance.

**FIRST CROSS-FOLD, ADAPTABLE TO LAUNDRY THICKNESS** The first cross-fold has a retractable pneumatic roller that allows the opening distance to be adjusted depending on the thickness of the article. This is specially useful in the case of thick articles such as duvets, bedspreads or even large-size sheets. The two motor-driven rollers ensure folding quality.

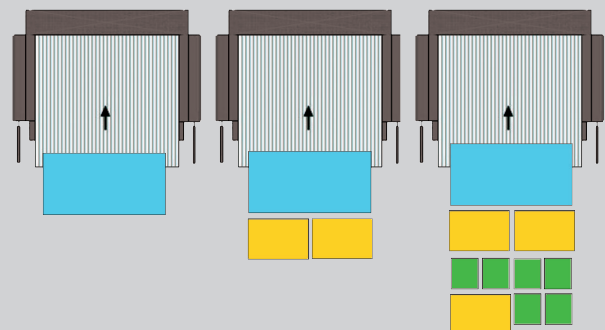
**OVERSIZED “CROSS” PASSING WIDTH** The LavaFold FL80 comes equipped with a useful width of 35.5 inches, for the passage of larger pieces and/or with fewer folds.

**ERGONOMICS AND SAFETY** The LavaFold FL80 has been designed with the safety of its users in mind. It complies strictly with all safety regulations and directives. In addition, access to adjustments and maintenance of the machine has been simplified as much as possible.

## FOLDING OPTIONS & INPUT LANES



Two primary folds. The straightforward and reliable folding method, adapted to the majority of needs. Cost effective and economical. Suitable for items up to 12 feet long (folded size 3 feet). Performs one or two primary folds, on 1, 2 or 4 lanes (depending on input lanes option).



1 lane:  
Bed linen and  
large-sized  
articles.

1 or 2 lanes:  
Bed linen and  
table linen.

1, 2 or 4 lanes:  
Bed linen, table linen  
and small articles  
such as napkins or  
pillow cases.

The small piece accumulator on 4 lanes is always compatible and independent from the input lanes.