

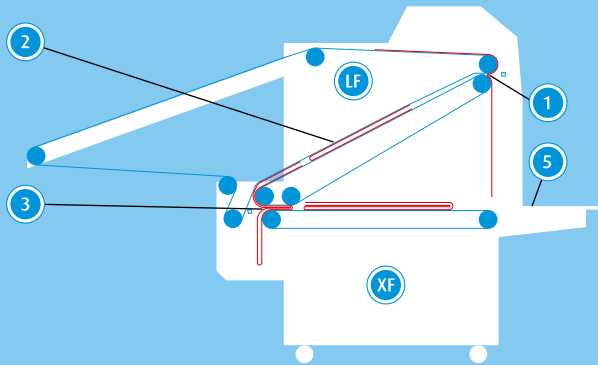
High-speed combination folder

## Jenfold Classic S

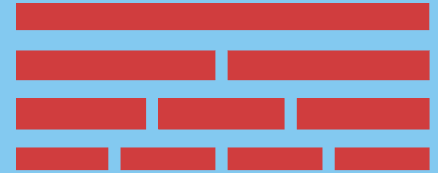
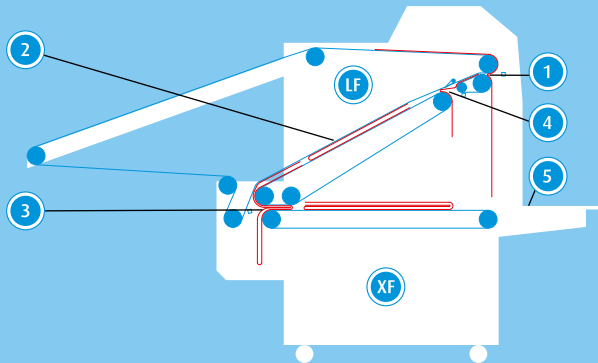
The standard solution for making  
1, 2, or 3 classic half folds

## LF Lateral folding

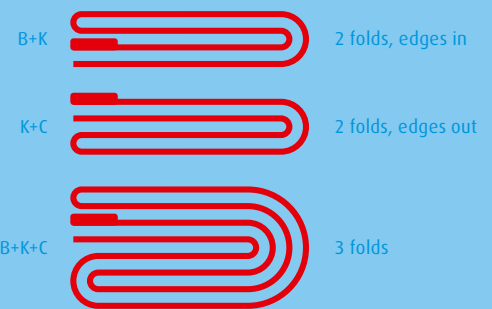
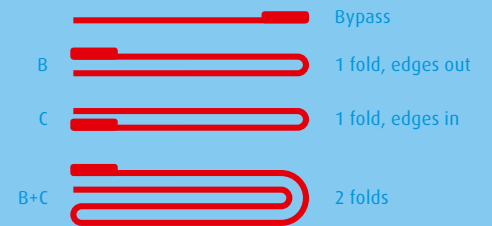
### 2-lateral fold model



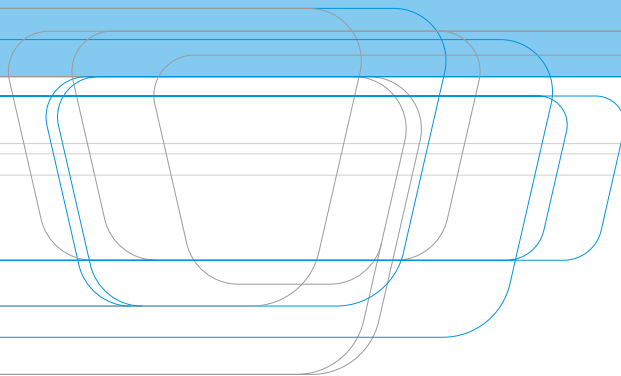
### 3-lateral fold model



### Lane divisions – Lateral fold section



### Lateral fold patterns

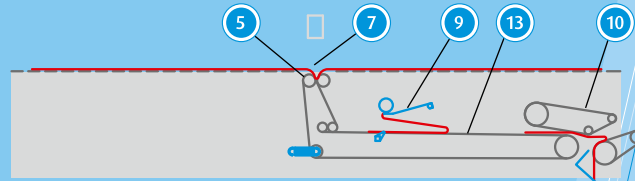
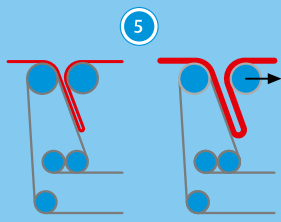


## Jenfold Classic S

The Classic S is a range of combination folders with a standard working width of up to 3250 mm. for lateral folding in 1, 2, 3, 4 or 5 lanes and crossfolding in 1 lane only. The folder was designed with less moving parts than other conventional combination folders, which makes it a very fast and reliable folder. Lateral folding is performed by the classic airblast between pinch rollers. The lateral folder operates without reversing mechanisms and has a running speed of up to 60 meters per minute. The speed is synchronously adjusted to the ironer speed. The lateral folder can be combined with cross folders to suit the type of linen, the product mix and the required folding patterns. In addition, it can be combined with small piece combination cross folders and stackers for multi-purpose ironer lines.

## XF Cross folding

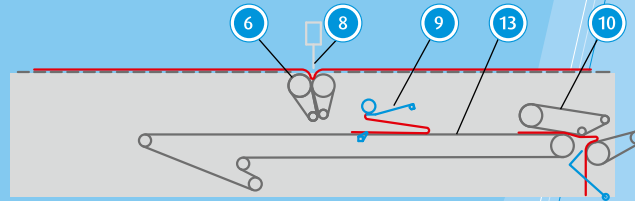
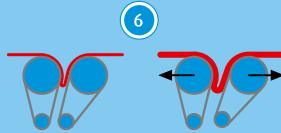
### 1-lane cross folder



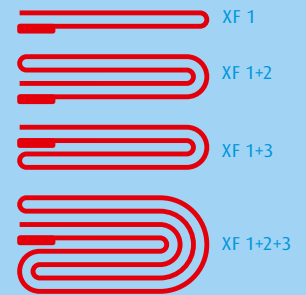
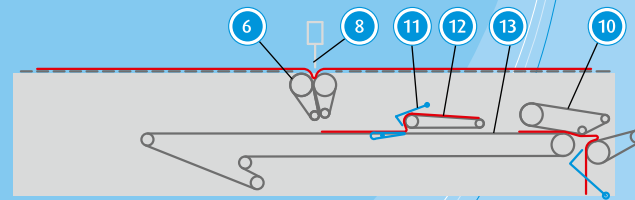
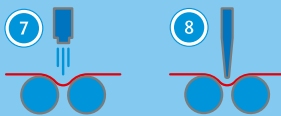
Standard cross fold section for light materials and after maximum 2 lateral folds

1st cross fold between pinch rollers. Adjustable roller pressure by a spring-loaded roller which automatically adjusts to the linen thickness.

Note! Only available in connection with 2 lateral folds.



Optional cross fold sections for heavy materials and after up to 3 lateral folds



Possible cross fold patterns

### LF – Lateral Fold section

① The linen is hanging freely from the top of the folder's conveyor at the 1st lateral fold (B). The fold is performed by air blast between pinch rollers. The air blast can be adjusted according to linen thickness, ensuring fast, simple and efficient folding of light or heavy linen.

② Belting guides the linen through the machine. This technique prevents the linen from sliding and displacing, and the pressing function ensures optimum folding quality.

③ Lateral fold C is performed by sandwich conveyor belts and air blast. Thanks to the sandwich design, optimum friction and an excellent folding quality is ensured.

④ As an optional feature, the machine can be supplied with a 3rd lateral fold, the "Cascade" fold, which is a simple, but high-speed lateral fold enabling the folder to make two lateral folds with edges in or edges out, or 3 normal half folds. Bypass is possible. Please note! The 3rd lateral fold ④ is not possible in connection with the standard cross fold section ⑤, or with the optional small piece Draping stacker.

### Bypass systems

Two bypass systems in the lateral fold section allows you to perform bypass drop of large pieces to the rear table, or to bypass small pieces through the machine, e.g. to a small-piece combination cross-folder and stacker placed after the folder. Other bypass systems are available according to lane division and options.

### XF – Cross fold section

The Classic S uses as standard a simple and fast cross folder for 1-lane operation, giving 1, 2, or 3 cross folds as half folds. As an option, the folder can be supplied with a selection of crossfold sections well-known from the Jenfold Classic range.

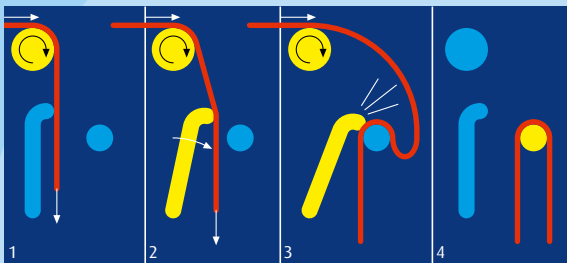
⑤ The 1st cross fold is performed between pinch rollers. The distance between the rollers, and thus the roller pressure, is automatically adjusted by a mechanically spring-loaded roller. This ensures a good friction between the rollers and the linen. The belts of the outlet conveyor drive the rollers of the 1st cross fold, and guide the linen down onto the outlet conveyor. The standard cross fold section is for light material and max. two lateral folds.



Draping stacker for small pieces under 1st lateral fold (Option on 2-lateral-fold machines).



Draping stacker with 1 fixed storage bar is also available with 3 rotating storage bars.



Stacking principle of the Draping stacker



14 New Jenfold Classic model SW

- 6 As an option, the 1st cross fold can be supplied with sandwich belts and large diameter rollers. The belts guide the linen down and press the linen, ensuring exact fold and smoothing of the folded edges. The distance between the rollers, and thus the roller pressure, is automatically adjusted by means of air cylinders, ensuring optimum friction and flexibility disregarding linen types and thicknesses. In case of a jam or emergency stop, or when opening the safety guards to the cross fold section, the distance between the rollers at the 1st cross fold automatically increases, allowing the operator to easily remove the linen.
- 7 Air blast between pinch rollers at 1st cross fold is recommended for light linen and after only 2 lateral folds.

- 8 Knife between pinch rollers at 1st cross fold is recommended for heavy linen and after 3 lateral folds.
- 9 Pick-up and drop at 2nd cross fold is recommended for light linen and after only 2 lateral folds.
- 10 EN-fold with knife at 3rd cross fold is the standard solution for half folds.
- 11 Knife at reversing conveyor.
- 12 Reversing conveyor at 2nd cross fold is recommended for high-quality half folds of heavy linen, e.g. for table linen and duvet covers, and after 3 lateral folds.
- 13 Outlet conveyor.

- 14 **New Jenfold Classic model SW**  
The new Jenfold Classic model SW is a further development of the popular Jenfold Classic S model, now featuring a 200 mm. larger cross fold section making it possible to cross fold up to 1030 mm.  
  
The new, larger cross fold has been designed with increasing sizes of hotel linen in mind, and like the Jenfold Classic S, the model SW is available with a selection of cross folding sections which have been carefully designed to meet the different requirements around the world.





### Jentrol HMI PLC and control system with touch-screen

Accurate folding requires ultra-fast and accurate control. The Jentrol HMI PLC control system represents the recent and most advanced PLC control system with touch-screen ensuring optimum control of the folding parameters. On ironer lines for high-quality purposes especially, it is an all-important factor to ensure the accuracy of the folding functions, and the right speed and control through the entire ironer line in general.

The Jentrol HMI control system features a fast and accurate processor, an easy-to-use man-machine interface, multi-language facilities and an option for remote system service.

### Easy to use man-machine interface prepared for Cockpit

The PLC control allows you to operate with sorting on stackers, automatic lane combination, integrated finishing line control from feeder end, variable speed, etc.

Remote control of folder from feeding takesplace through separate panel or feeder panel. The software is prepared for the state-of-the-art Management Information System Cockpit and Jenassist remote service via VPN connection.

As a standard feature in the software program, all production statistics data can be easily exported to export to an Excel spread sheet through a USB port positioned in front of the operating panel.

### Detailed information per customer / article or up to 99 categories, informing:

- production per lane
- drop and sorting (repair / rewash)

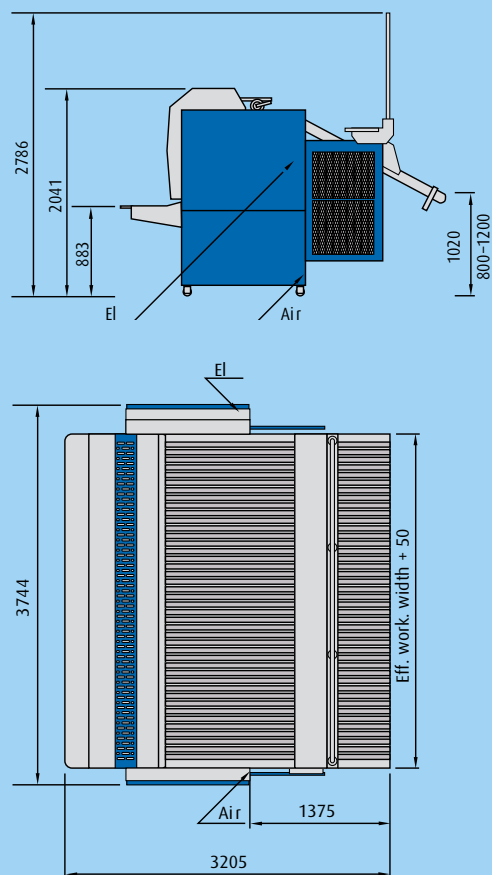
You get the above information for each recipe in total and for all recipes in total, and you can get historical totals differentiated on:

- per day
- per recipe
- per day / recipe / batch

Customer / Article (set by flag) enables you to differentiate history further on:

- per day
- per day / Customer
- per day / Customer / Article
- per day / Customer / Article / Batch
- in total for each

Example of typical layout. JENSEN shall be pleased to provide you with other models if required. Please contact your local JENSEN partner.



### Features and options

- Jentrol HMI PLC control and operating panel with touch screen and digital counters
- Visual LED indicators for control in PLC rack
- 2 air pressures on lateral fold B and K
- 2 air pressures on lateral fold C
- Automatic bypass of twisted and badly fed linen to rear table
- Automatic 1 or 2 lateral folds
- Automatic 2 or 3 lateral folds
- Jam alarm in lateral fold section for small pieces
- Jam alarm in lateral fold and cross fold section for large pieces
- Automatic 2 or 3 cross folds
- Toothed belt drive
- Draping stacker for small pieces placed in rear table.

### Installation

JENSEN is pleased to assist you in planning your laundry by providing excellent advice, layouts and technical data. Authorised JENSEN distributors or JENSEN engineers should carry out the installation to ensure that it is performed correctly.

### Service

In addition, JENSEN provides an extraordinary after-sales service through a worldwide network of highly qualified Sales and Service Centres and distributors, all with their own maintenance and spare parts services.

### Call us...

JENSEN provides a complete range of heavy-duty equipment for the laundry industry, delivered and installed according to your specifications. Please do not hesitate to contact us for further advice and information, or visit [www.jensen-group.com](http://www.jensen-group.com)

### Local contact

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