

Jenfold Classic SW

The ultimate solution for hotel linen

Top-quality folding and high production
on minimum floor space





Jenfold Classic SW installed in a high-performance JENSEN ironer line



Perfect table linen



Impeccable bed linen

Jenfold Classic SW

The ultimate solution for hotel linen

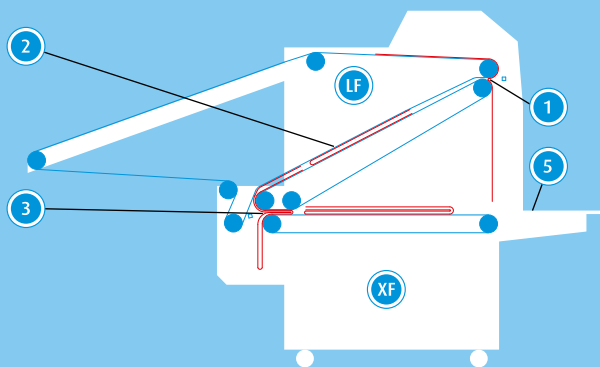
Top-quality folding and high production on minimum floor space

Top-quality finishing

Top-quality finishing requires top-quality feeding, top-quality ironing, as well as top-quality folding and stacking. During more than 50 years in the laundry industry, JENSEN has grown from being the leading supplier of finishing technology to be the preferred supplier of turn-key solutions.

JENSEN provides optimum solutions to the leading hotel groups, the leading linen rental groups as well as individual laundries serving the healthcare sector and the hospitality sector.

With a record sale of more than 10,000 folders and stackers to the laundry industry all over the world, JENSEN has the experience and know-how to guarantee trouble-free finishing of all kinds of flat-work, ranging from high-capacity ironer lines for hospital linen to top-quality finishing of bed and table linen for high-end hotels and restaurants.



Principle sketch of lateral folding



Possible lateral fold patterns

Lateral folding

The Jenfold Classic SW provides 1 or 2 lateral folds. The first lateral fold ① is performed by air blast between pinch rollers, allowing the linen to hang freely from the top of the folder's conveyor. This technique has proven to be fast, simple and reliable, providing a good finishing quality, as the linen is naturally stretched by gravity.

Optimum folding quality

A sandwich conveyor ② guides the linen through the lateral fold section of the machine. This technique prevents the linen from being twisted, and the pressing function of the sandwich conveyor ensures optimum folding quality.

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

Bypass systems

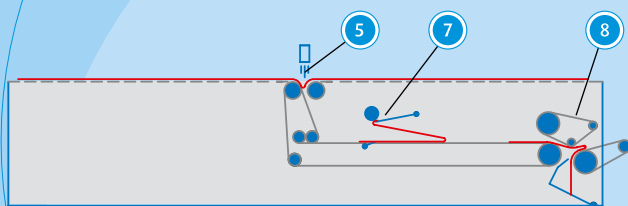
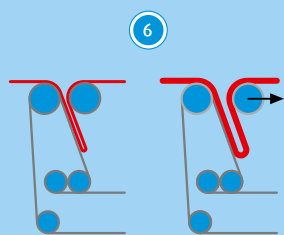
Two bypass systems in the lateral fold section allow bypassing the linen to the rear table ④ after the first lateral fold or bypassing the linen through the machine for delivering unfolded linen to the rear table. Bypass at the 1st lateral fold is usually used for rejecting wax pieces, or in combination with the optional Jenselect system. The Jenselect system allows to automatically reject linen with defects through the stacker, and to drop stained pieces to the rear table.

Automatic bypass

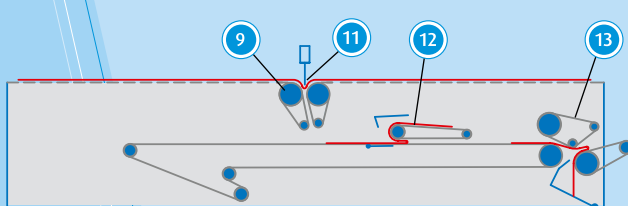
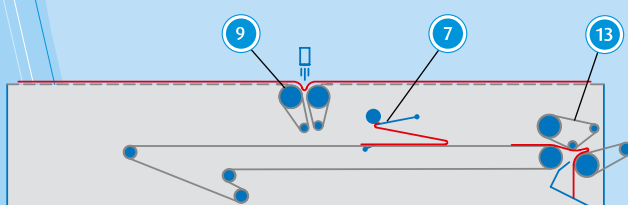
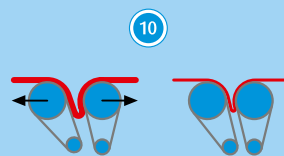
Automatic bypass of twisted and badly fed linen prevents the linen from entering the cross fold section of the folder. In such cases, the system ensures that the linen is automatically rejected. A similar system works for linen exceeding the maximum allowable length.

Cross fold sections

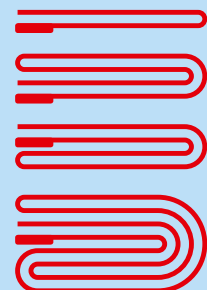
The Jenfold Classic SW cross fold has been designed with increasing sizes of hotel linen in mind, now featuring a cross fold section making it possible to cross fold up to 1030 mm. It is available with a selection of cross folding sections which have been carefully designed to meet different requirements.



Standard cross fold section for light materials



Optional cross fold sections for heavy materials



Possible cross fold patterns

The standard cross folding section is designed for fast folding of light materials such as light bed sheets, using well-proven folding techniques to give 1, 2, or 3 cross folds as half folds in 1-lane operation.

The 1st cross fold (5) is performed by air blast between pinch rollers. The distance between the rollers, and thus the roller pressure, is automatically adjusted by a spring-loaded roller (6) ensuring a good friction between the rollers and the linen.

The 2nd cross fold (7) is performed by the simple and fast "Pick Up & Drop" fold, and the 3rd cross fold (8) is performed by the well-proven "EN" knife fold.

Optional cross fold sections

As an option, the 1st cross fold can be supplied with individually driven rollers (9)

and sandwich belts. The sandwich belts guide the linen very precisely and press the linen, ensuring exact folding and smoothing of the folded edges. The distance between the rollers (10) and thus the roller pressure is automatically adjusted by means of air cylinders, ensuring optimum friction and flexibility. The result is a high and uniform folding quality regardless from linen type and linen thickness.

In case of a jam or emergency stop, or when opening the safety guards, the gap between the rollers at the 1st cross fold opens automatically, allowing the operator to easily remove the linen. The optional cross fold sections are recommended for heavy materials and for top-quality purposes, using well-proven techniques as follows.

(11) Knife between pinch rollers at the 1st cross fold is recommended for heavy linen such as duvet covers and table linen.

(12) Reversing conveyor and a knife at the 2nd cross fold is recommended if an even higher folding quality is required and when heavily starched linen as well as very heavy duvet covers are being processed.

(13) EN-fold with knife at the 3rd cross fold is the standard solution for half folds of all types of linen.





Jenfold HMI operating panel



Optional Jenstack Max SW

Jenfold HMI PLC and control system equipped with touch-screen

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

As a standard feature in the software program, all production statistics data are easily exported to an Excel spreadsheet through a USB port positioned in front of the operating panel.

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

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

Above information is available for each recipe in total and for all recipes in total, as well as historical totals differentiated on:

- day
- recipe
- day/recipe/batch

customer/article (set by flag) enables to differentiate history further on:

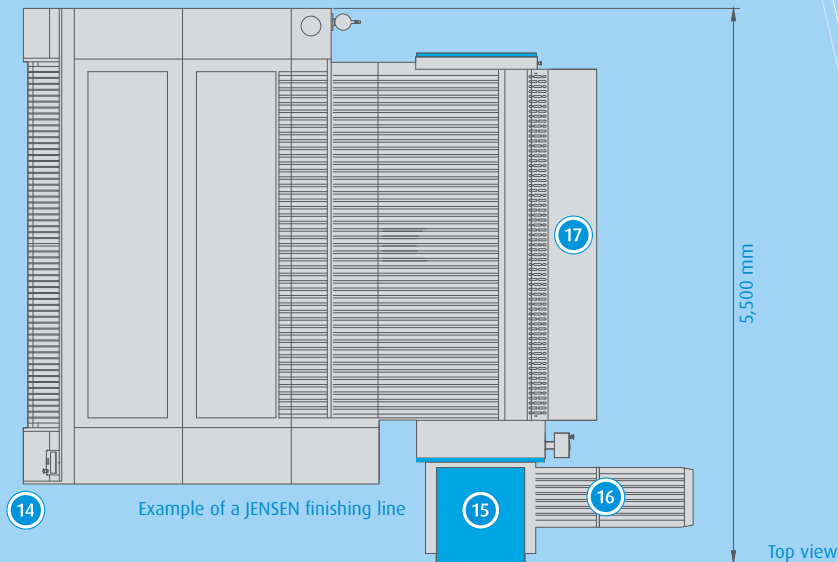
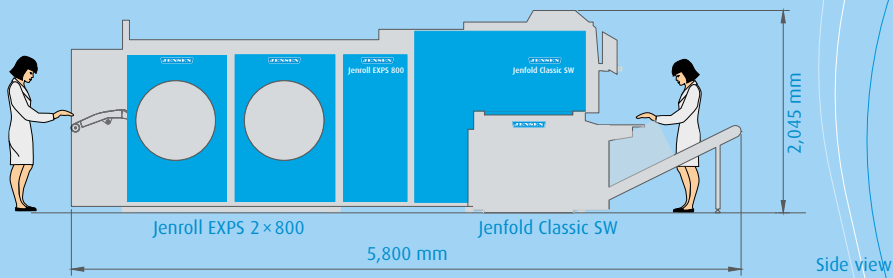
- day
- day/customer
- day/customer/article
- day/customer/article/batch
- in total for each.

High capacity and high stacking quality with the optional Jenstack Max SW

The Jenstack Max SW is a simple and reliable drop stacker, which over the years has proven its reliability in thousands of installations all over the world. The Jenstack Max SW is controlled by the folder's program. When adding the Jenstack Max SW to the Jenfold Classic SW, a high and uniform stacking quality on limited floor space is guaranteed.

14 Jenfold Classic SW finishing line

When combining the Jenfold Classic SW with a JENSEN ironer, the output of the ironer line will be increased. Furthermore, the Jenfold Classic SW delivers a constant and uniform folding quality, providing the same high finishing quality every day. The linen can be delivered on



Jenfold Classic SW models and capacities
 Working widths: 3000 and 3300 mm.
 Maximum linen length: 4000 mm.
 Cross fold opening: 1030 mm.
 Maximum speed: 60 metres per minute
 Minimum speed: 14 metres per minute

a stacking table **15** for manual stacking, or stacked on the Jenstack Max SW, delivering the stack on a delivery conveyor. **16** In any case, unfolded linen or linen having received primary folds only, can be led to the rear table. **17**

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

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Explore our equipment on **YouTube**
www.youtube.com/jensengroupcom