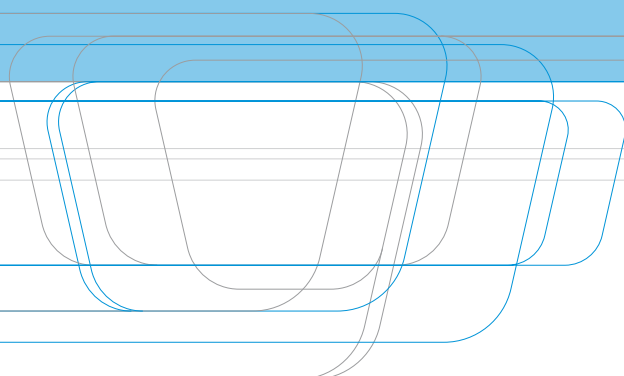




## Jenfold Blanket

High-quality folding of  
hospital and airline blankets  
and duvets





## Half folds and French fold **Jenfold Blanket**

Hospital and airline blankets  
and duvets



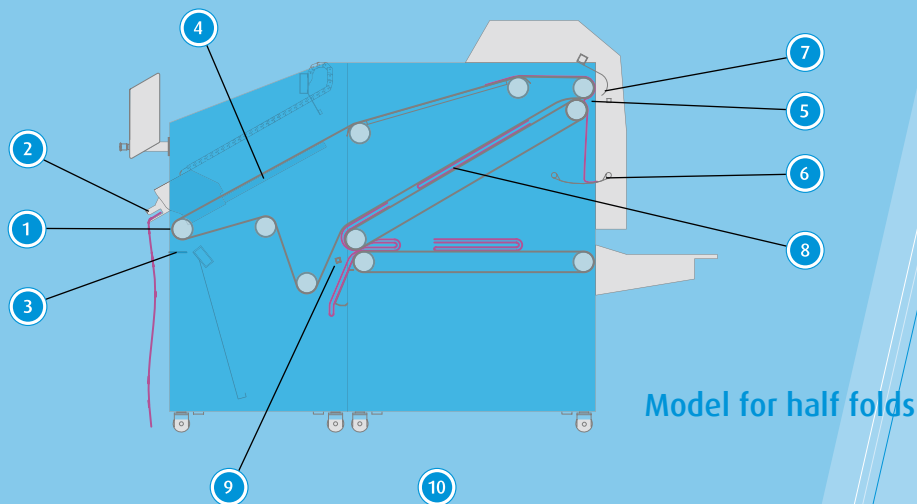
### **Applications**

The Jenfold Blanket presents the optimum solution when ergonomic feeding, high production and quality folding and stacking of blankets and duvets is required.

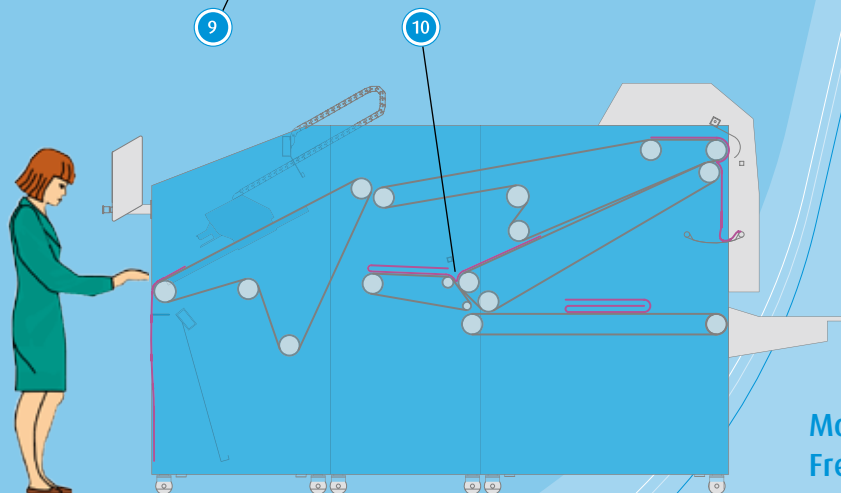
Standardwise, the Jenfold Blanket performs all folds as half folds, giving 1 or 2 lateral half folds, and up to 3 crossfolds as half folds. As an option, the machine can make the French fold in the lateral fold section.

The machine can be supplied with a spreading system, comprising a spreading beam with spreading clamps positioned above the inlet conveyor.

This feature increases the productivity and makes it easy for one person only to operate the machine.



Model for half folds



Model for half folds and French fold

#### ① Height-adjustable inlet conveyor

The height of the inlet conveyor can be adjusted to a position between 950-1200 mm., ensuring optimum ergonomics for the operator in front of the machine.

#### ② Spreading system

The machine can be supplied with a spreading system comprising a spreading beam with spreading clamps. The spreading beam is positioned on top of the height-adjustable inlet conveyor, thus the feeding height into the clamps is also adjustable. Autostart photocells in each clamp detect the linen and gives signal to start feeding and spreading of the linen. While being fed into the machine, the linen passes a spreading plate ③ ensuring optimum spreading of the linen in its full length.

#### ④ Vacuum support (option)

As an optional feature, the machine can be supplied with vacuum under the inlet belts. This feature ensures optimum grip to the linen, and in this way prevents the linen from sliding and displacing on the belts while being transported into the machine.

#### ⑤ Lateral fold B

The first lateral fold is performed by air blast between pinch rollers. Two air pressures (low/high) ensure optimum folding quality of light and heavy linen.

#### ⑥ Support bag

A support bag positioned under the first lateral fold optimizes the folding quality of heavy linen by supporting the linen when hanging down from the top of the machine.

#### ⑦ Mechanical bypass

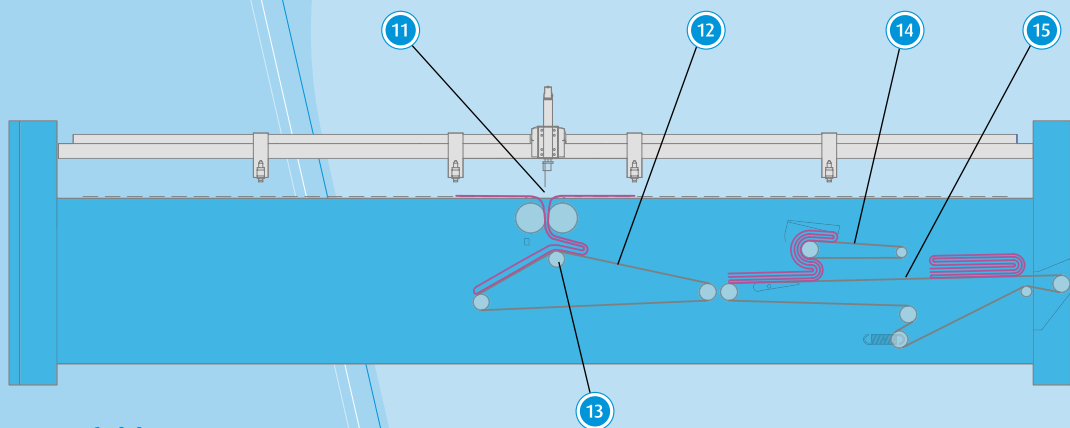
When only one lateral fold is performed, the B-fold is bypassed by means of a knife.

#### ⑧ Optimum folding quality

Sandwich belts convey the linen through the machine from lateral fold B to C. This feature prevents the linen from sliding and displacing, and the pressing function ensures optimum folding quality.

#### ⑨ ⑩ Lateral fold C

The second lateral fold is performed by air blast between pinch rollers. Two air pressures (low/high) ensure optimum folding quality of light and heavy linen. As an optional feature the machine can make a French fold by means of a reversing conveyor ⑩ positioned at the 2nd lateral fold.



**Cross fold section**

#### 11 Cross fold

The 1st crossfold is performed by knife between pinch rollers. The distance between the rollers, and thus the roller pressure, is automatically adjusted by means of air cylinders, ensuring optimum friction and flexibility of varying linen types and thicknesses. In case of a jam or emergency stop, or when opening the safety guards to the crossfold section, the distance between the rollers at the 1st crossfold automatically increases, allowing the operator to easily remove the linen.

#### 12 Delta fold

The 2nd crossfold is performed by the "Delta" reversing fold. When receiving the linen, the upper roller 13 of the reversing conveyor moves up towards the rollers of the 1st cross-

fold, and conveys the linen down, ensuring exact fold and alignment of the linen.

#### 14 Reversing conveyor

The 3rd crossfold is performed by a reversing conveyor combined with a knife. The knife ensures a precise marking of the fold, and the hinged reversing conveyor ensures optimum folding quality of varying linen types and thicknesses by pressing the linen between the reversing conveyor and the outlet conveyor.

#### 15 Outlet conveyor

The outlet conveyor brings the linen directly into the Max Blanket Stacker. The outlet conveyor of the crossfolder is supplied with automatic belt tensioning device, minimizing service attention and service costs.



**JENSEN**





JENTROL MMI PLC and control system with touch-screen

## Max Blanket Stacker

The Max Blanket Stacker is a space-saving, built-in drop stacker especially designed for heavy blankets and duvets. After stacking, the stack is automatically led out onto the stacking conveyor.

In case of folding duvets or very thick pieces, the duvet will be led out onto the stacking conveyor one at a time.



## JENTROL MMI PLC and control system with touch-screen

Accurate folding requires ultra fast and accurate control. The JENTROL MMI PLC control system represents the recent and most advanced PLC control system with touch-screen ensuring optimum control of the folding parameters.

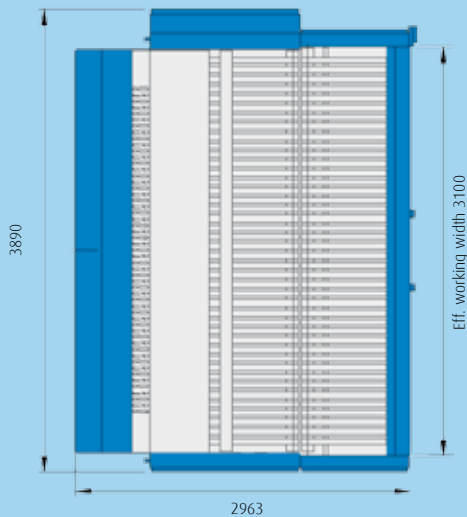
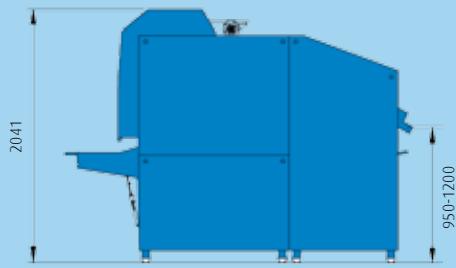
## Easy to use man-machine interface

The JENTROL MMI 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 JENTROL MMI is prepared for the state-of-the-art COCKPIT management information system comprising real-time visualization of production status, resources and maintenance status.

## Detailed information in up to 99 different categories, informing about:

- Minutes in operation since reset of category
- Piece count per category and in total
- Events, such as jam, recent alarms, and errors



Example of typical layout.  
Jenfold Blanket model with 2 lateral folds.



## Models

Working width: 2500 - 3100 mm.  
With or without spreading system.

Like any JENSEN folder the Jenfold Blanket can be configured to meet various requirements. Please consult JENSEN to have the machine configured according to your requirements.

## Standard features

- Jentrol MMI PLC control and operating panel with touch-screen and digital counters
- Adjustable speed according to category
- Height-adjustable inlet conveyor
- 2 air pressures on lateral fold B and C
- Jam alarm in lateral fold section
- Mechanical bypass on lateral fold B.
- Jam alarm in cross fold section
- Automatic tensioning of belts in the cross fold section

## Installation

JENSEN will be pleased to provide layouts and technical data describing your project. To ensure correct performance, installation should be carried out by an authorized JENSEN distributor or a JENSEN engineer.

## Service

JENSEN provides support service through a worldwide network of highly qualified distributors, all with their own maintenance and spare parts services.

## Contact address

[www.jensen-group.com](http://www.jensen-group.com)

## Call us...

JENSEN provides a complete range of equipment to the heavy-duty laundries, delivered and installed according to your specifications. Please do not hesitate to contact us for further advice and information.