

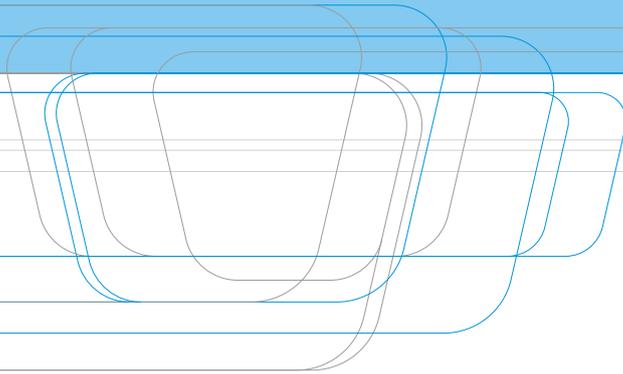
## Jenfeed Logic Plus

Versatile large and small-piece feeder for bed linen and table linen



**Fast feeding**  
– required for sheets

**Top quality spreading**  
– required for table linen



Versatile large and small-piece feeder  
for sheets, duvet covers and table linen

## Jenfeed Logic Plus

with the unique EasyClamp and pivotable  
"Soft-Touch" spreading clamps

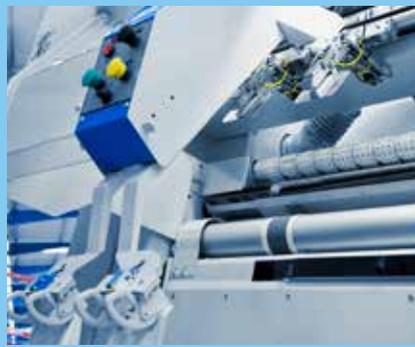
### Application

Laundries demand high productivity expressed in pieces per operator hour. This is why flatwork finishing systems are designed to work at increasingly high speeds, and the operators in front of the feeders have to make many repetitive movements.

Feeders can be designed in a way that reduces the operators physical stress considerably, without sacrificing speed and quality. JENSEN took the best features of its well-known feeders, in respect of productivity and quality (spreading, centering, vacuum, and transfer systems), and developed the Jenfeed Logic Plus, combining the unique height-adjustable feeding concepts of the Jenfeed Logic range with the state-of-the-art feeding quality of the Jenfeed Variant range.



1 Two corners are clipped into the height-adjustable EasyClamps



2 The Soft-Touch spreading clamps are positioned in a vertical receiving position



3 Transfer from the EasyClamps to the Soft-Touch spreading clamps



4 The Soft-Touch spreading clamps pivot to a horizontal position and start spreading the linen



5 Fast, yet gently spreading of the linen onto the vacuum beam



6 When releasing the corner of the linen to the vacuum beam, the clamps move sideways, and straighten out the corners of the linen.

## The latest evolution of JENSEN feeders

The successful installation of more than 1000 Jenfeed Logic Plus machines was the basis of the development of the new "EasyClamp" and a new generation "Soft-touch" spreading clamps.

### High production thanks to optimum ergonomic working conditions

Individually adjustable feeding height position combined with the new EasyClamp, considerably optimizes the ergonomic working conditions for the operators, enabling to maintain a high and steady production.

### Visual inspection possible

In the large-piece mode for sheets, duvet covers and table linen, all operators are able to follow the complete feeding operation and supervise the quality while standing in front of the machine. Since the

pieces are lifted from the feeding to the spreading and transfer positions, no pit in the floor is needed when feeding linen up to 2000 mm. The high transfer position of the leading edge combined with a high vacuum box ensures optimum treatment of the side and rear edges and optimum feeding speed as the vacuum box allows the feeding of a new piece while treating the rear edge of the previous piece.

### Optimum transfer technique

The corners of the linen are transferred into a set of pivotable "Soft-Touch" spreading clamps pivoting from a horizontal delivering position to a vertical receiving position. In 1-lane operation, as an option, the vacuum beam can be supplied with a leading edge correcting device for heavy linen and mixed sizes. This feature will straighten the leading edge of heavy linen, and may also allow to run mixed size operation in the same program.

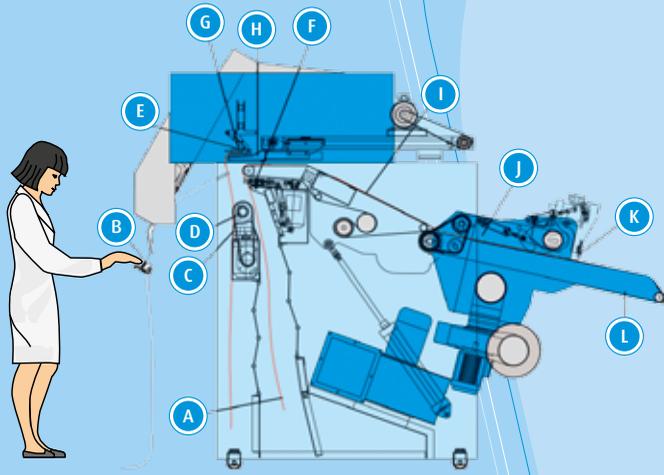
## Unique pivotable "Soft-Touch" spreading clamp

### Optimum grip

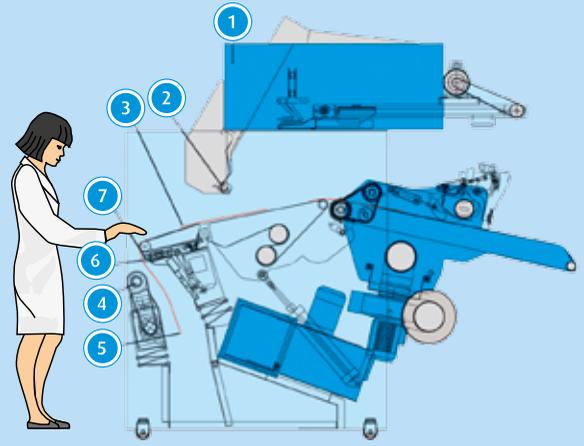
The "Soft-Touch" spreading clamps feature new possibilities compared to traditional spreading clamps, as they function by means of an air cushion system. Having received the linen, the spreading clamps' air cushions are supplied with air pressure, thus optimizing the fixation of corners and ensuring constantly an optimum grip disregarding linen thickness and number of layers.

### Optimum delivering angle

The clamp's ability to pivot from a vertical receiving position to a horizontal transfer position ensures a straight leading edge. Furthermore, after releasing the leading edge of the linen to the vacuum beam the spreading clamps continue their sideways movement, thus straightening the corners of the linen before finally delivering the entire piece onto the vacuum beam.



Optimum feeding speed is obtained by the vacuum box, sucking the rear edge of the linen (A) down and away, thus enabling a new piece (C) to be spread and transferred.



Optimum working conditions in front of the machine is ensured by moving the entire top of the feeder away in small-piece mode.

## Versatile large and small-piece feeder

### Large-piece mode

Like any JENSEN feeder the Jenfeed Logic Plus can be configured to meet different requirements in terms of quality and speed.

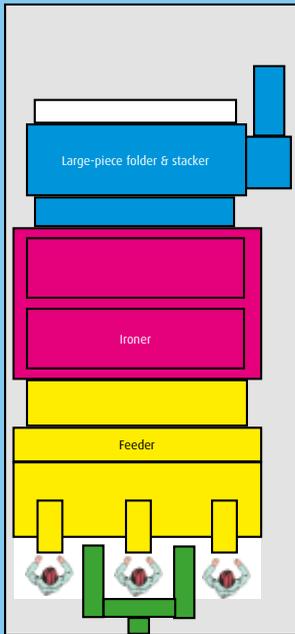
Features of the Jenfeed Logic Plus for large pieces and small pieces:

- A** Vacuum box
- B** Feeding clamp
- C** Spreading belts (large pieces)
- C** Spreading plates (small pieces)
- D** Pick-up roller
- E** Shake function for table linen
- F** Spreading brushes
- G** Soft-Touch spreading clamp
- H** Vacuum beam with optional leading edge correcting device
- I** Inlet conveyor
- J** Stretch conveyor
- K** Spreading brushes
- L** Delivery conveyor

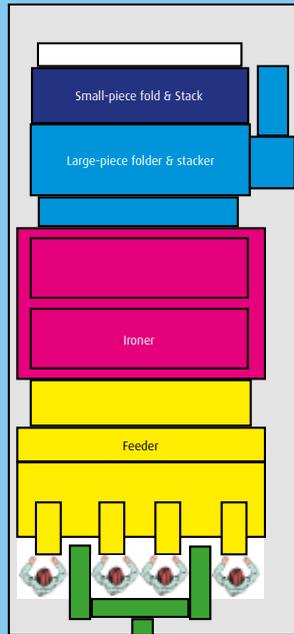
### Small-piece mode

In small-piece mode the top of the feeder **1** moves back, and the feeding clamps **2** move up. The position of the inlet conveyor **3** controls the position of the pick-up rollers **4** and the vacuum box **5** which all move down in small-piece mode. The spreading belts **6** used in large-piece mode only, stop, while the spreading plates **7** are activated in each lane. Each lane is supplied with its own spreading plate, which can be coupled to work in more lanes, the feature being well-known from the Jenfeed Variant range. By moving the top of the feeder away in small-piece mode, no mechanical parts are placed above the operators when they stand in front of the machine.

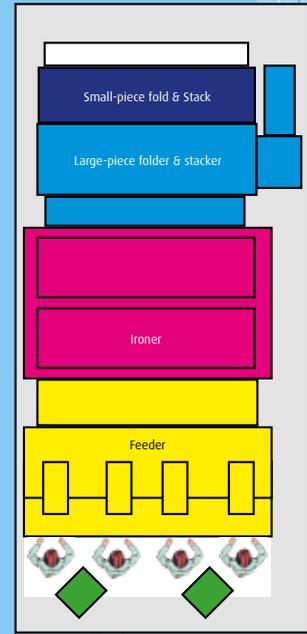
## Typical installations



Large-piece feeding in 1&2 lanes with delivery conveyors between 3 feeding stations



Large-piece feeding in 1&2 lanes with delivery conveyors between 4 feeding stations, and the possibility to feed small pieces Small-piece feeding in 4 lanes.



The top moves away, and the inlet conveyor is lowered. Delivery of linen to the operators by trolleys

## Versatile large-piece and small-piece feeder



Automatic feeding of large pieces



Manual feeding of large and small pieces



### Models:

3 or 4 height-adjustable feeding stations for feeding of large pieces in 1-lane, 2-lanes, or combined 1&2-lanes, and small-piece feeding in 3, 4, 5 or 6 lanes for small pieces.

Jenfeed Logic Plus Automatic for automatic feeding of large pieces from the Jenrail 2000 Automatic remote feeding system.

### Capacity:

1280 pieces in 1-lane operation\*

2200 pieces in 2-lane operation\*

\* Max. capacity depends on the linen size, and the number and type of feeding stations and the number of spreading clamps of the feeder.



Jentrol HMI PLC and control system with touch screen.

### Jentrol HMI PLC and control system

Accurate feeding 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 feeding parameters. On high-quality ironer lines especially, it is an important factor to ensure the accuracy of the feeding, spreading and vacuum functions, and the correct speed and control through the entire ironer line in general.

### Easy to use human-machine interface

The Jentrol HMI control system features a fast and accurate processor, an easy-to-use human-machine interface, multi-language facilities and an option for remote system service. The Jentrol HMI is prepared for the state-of-the-art Globe management information system comprising real-time visualization of production status, resources and maintenance status.

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

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

### 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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