

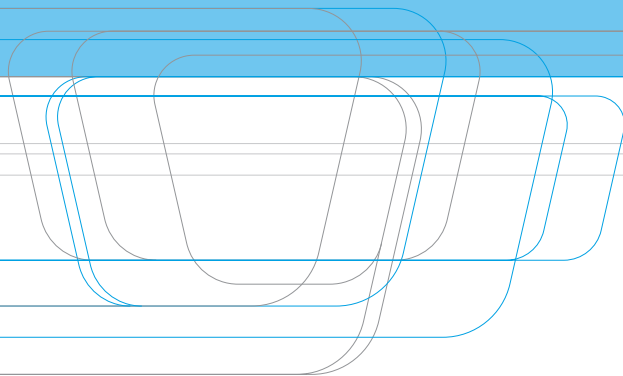
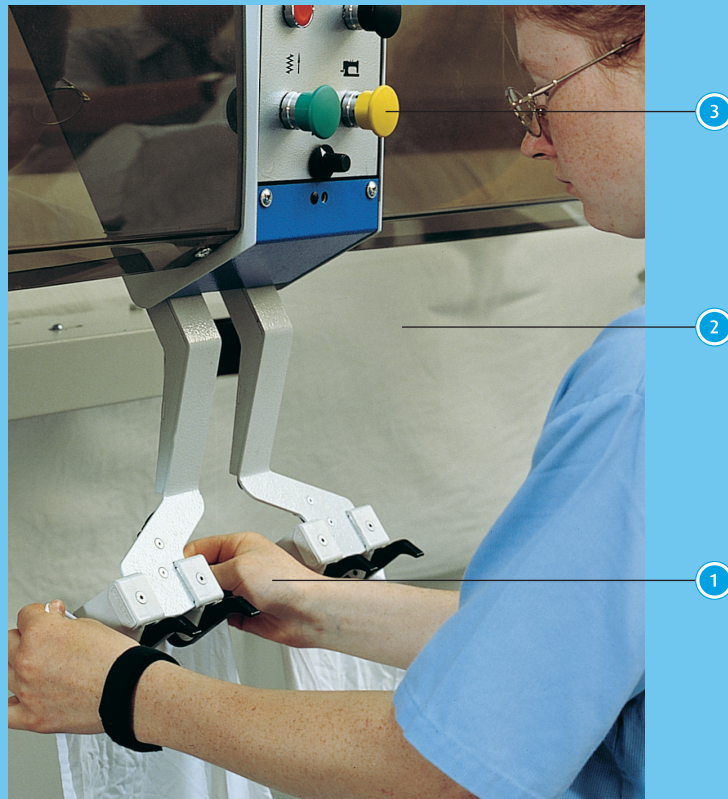


Versatile large piece feeder for 1 or 2 lanes

Jenfeed Logic 2000

Simple design, high-production feeder with
2, 3 or 4 feeding stations





Jenfeed Logic 2000

Ergonomically ideal feeding of sheets and duvet covers



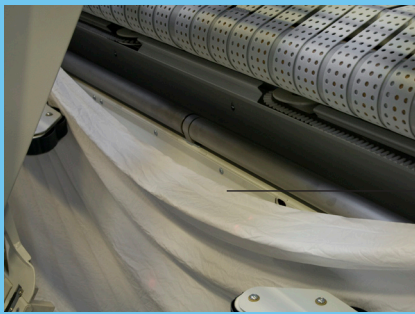
Application

Laundries demand high productivity per operator hour combined with operator-friendly designs.

In addition to that high availability, access and easy maintenance and service are the main factors when deciding which feeder to put in front of your ironer line in order to optimize the production flow.

The Logic 2000 large piece feeder is the successful result of meeting customers' needs.

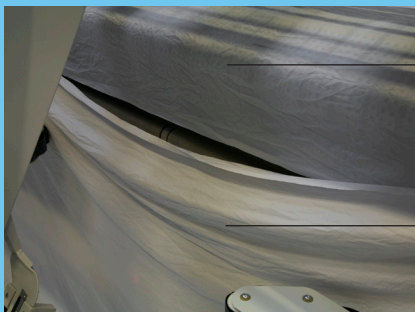
The Logic 2000 was designed for high-capacity ironer lines handling large piece linen where high productivity, ideal ergonomics and stable quality are important, as are minimum manpower needs.



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1 Operator-friendly

Individually adjustable clamp heights with autostart ensure optimum working conditions in front of the machine, which is very important as the operators have to make many repetitive movements during the day. The clamp height positions can be adjusted in 3 steps between 1075 mm and 1275 mm.

2 Visual inspection possible

Inspection during the spreading operation is possible as the linen is spread out in front of the operators. An inspection light panel in front of the spreading area is possible as an option.

3 Sorting for repair or rewash

Easy accessible reject buttons on the feeding stations (optional) make it easy to sort out the linen for repair or rewash.

4 Leading-edge sensor control

High capacity due to increased speed of the spreading clamps at first – the leading edge sensor control ensures that the speed is reduced only in the last minute before the end position in order to prevent tear of linen.

Due to the leading edge sensor control the Logic 2000 works more or less without categories (most categories can be processed in the same program) leading to easy operation of mixed production – not to mention programming and installation.

5 Vacuum support

The feeding conveyor with vacuum takes over the linen and the transfer clamps quickly return for a new piece.

6 High capacity

The Logic 2000 works according to the “first in-first out principle”. The next item can be spread before the previous item has been fed because the vacuum box allows the feeding of a new piece while treating the rear edge of the previous piece. The technique optimizes speed allowing edge to edge feeding.

7 Constant vacuum

Increased focus on early daily service has led to the introduction of a self-cleaning air filter on the Logic 2000 vacuum – notification is displayed when it is time to empty the air filter of dust. Furthermore, the self-cleaning air filter leads to higher operator ease at the front of the feeder due to a constant working vacuum.



8 9 Spreading belts and lifting roller

During the spreading operation, the spreading belts (8) spread the linen while the trailing edge of the linen is guided into a vacuum box by means of a lifting roller (9).

10 Spreading brushes

As soon as the trailing edge of the linen enters the vacuum box, the spreading brushes take over the treatment of the side edges as the piece enters the machine.

11 No pit in floor required

Due to the high-positioned vacuum box and a high transfer position, no pit in the floor is needed when feeding linen of a length of up to 2500 mm.

12 Different spreading tension

The elasticity of the linen has a large impact on the feeding quality. The Logic 2000 feeder features category-controlled spreading tension of the leading edge, ensuring a straight leading edge and optimum feeding quality disregarding the linen type and elasticity of the linen.

13 Pivoting spreading clamps

The transfer system with movable/pivoting transfer clamps following the feeding conveyor while feeding allows overlapping feeding – still ensuring an even and high feeding quality.



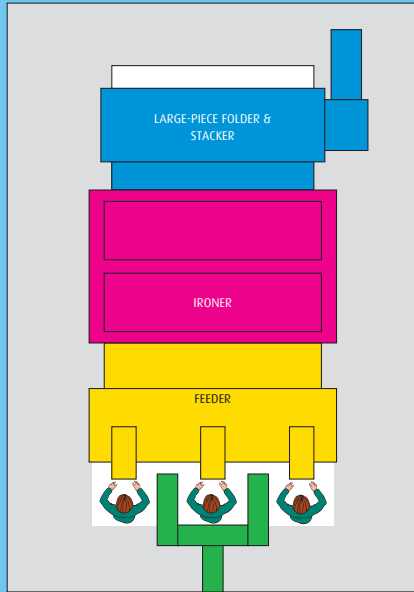
Additional features and options

- Jentrol MMI PLC control system and operating panel with touch screen and digital counters
- Visual LED-indicators for control in PLC-rack
- Spreading brushes on top of delivery conveyor for side-edge treatment
- Feeder speed synchronously adjusted to ironer speed
- Low noise level

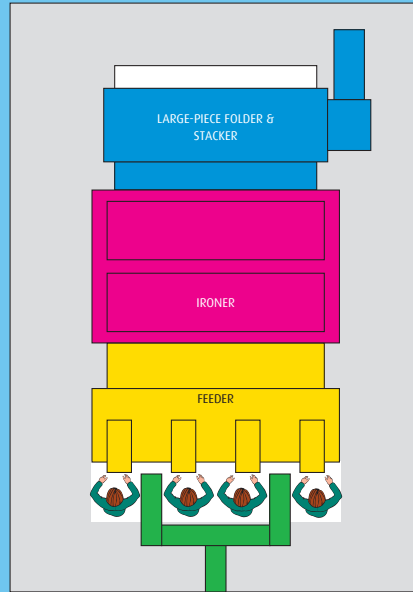
JENSEN

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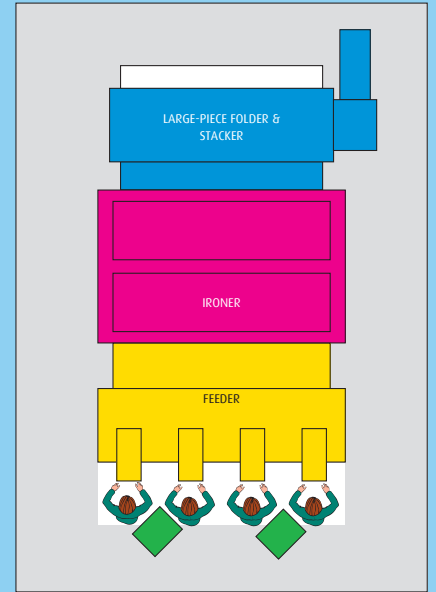
Typical installations, large piece feeding



Large piece feeding in 1 lane with delivery conveyors between 3 feeding stations



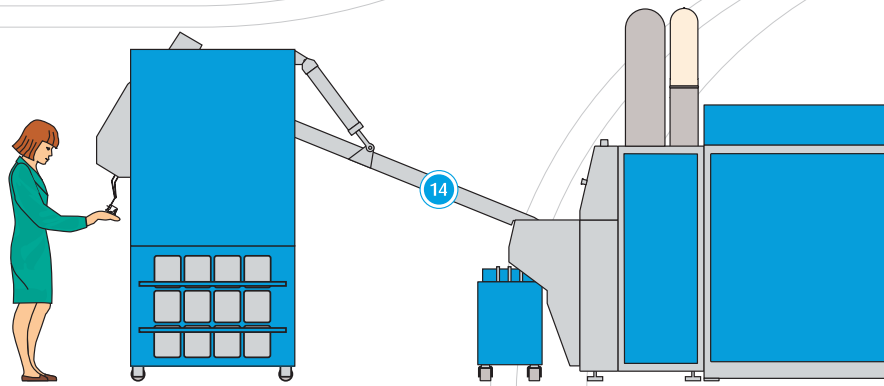
Large piece feeding in 1 or 2 lanes with 2 delivery conveyors between 4 feeding stations



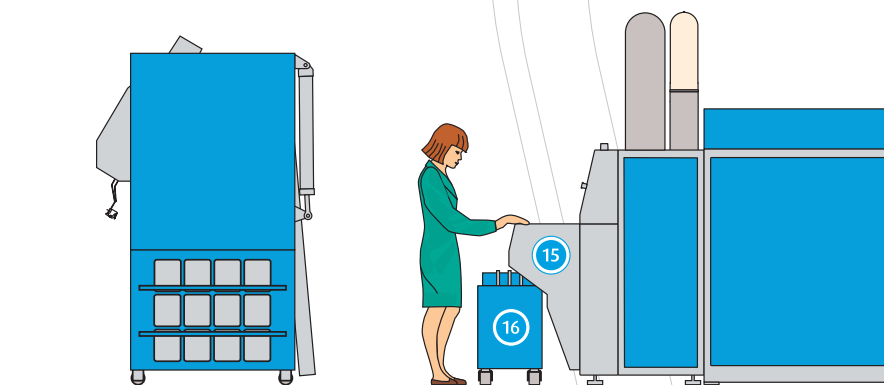
Large piece feeding in 1 or 2 lanes with 2 trolleys between 4 feeding stations

Models available:

- 1 lane, 3 or 4 stations
- 2 lanes, 2 or 4 stations
- Available for automatic feeding of large pieces from the Jenrail 2000 Automatic remote feeding system
- Max. capacity: 1200 pcs./hr. in each lane depending on the linen size



Large piece feeding



Small piece feeding

14 Pivatable delivery conveyor

The Logic 2000 feeder is supplied with a pivatable delivery conveyor which can be lowered by means of a joy-stick, giving easy access between the feeder and the ironer for feeding of small pieces and wax cloth.

15 Small piece feeding

Small pieces can be fed directly into the ironer through a simple inlet table with or without vacuum support, or through the integrated Basic I incorporating a vacuum box with a pick-up roller and spreading plates in each lane as shown in the illustration to the left.

16 Delivery conveyor

The delivery of small pieces to the operators typically takes place by means of trolleys or a conveyor in front of the operators.



17 Jentrol MMI PLC and control system with touch screen



17 Jentrol MMI PLC and control system with touch screen

Accurate feeding 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 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 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 Jenview 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 providing excellent consulting, layouts and technical data. Authorized JENSEN distributors or JENSEN engineers should carry out the installation to ensure the correct performance.

Service

In addition JENSEN provides an extraordinary after sales service through a worldwide network of highly qualified Sales and Service Centers 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

Contact address

www.jensen-group.com