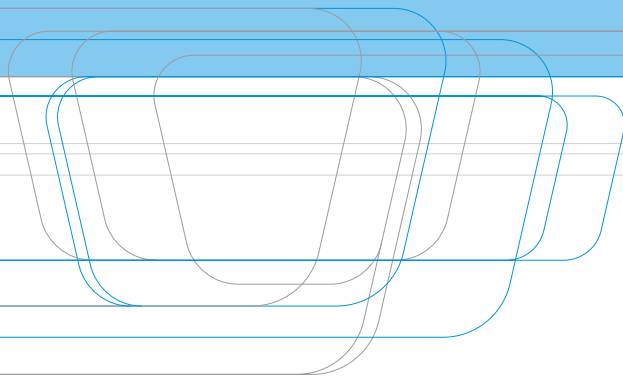


Viking 2000

High-production separator before the feeder



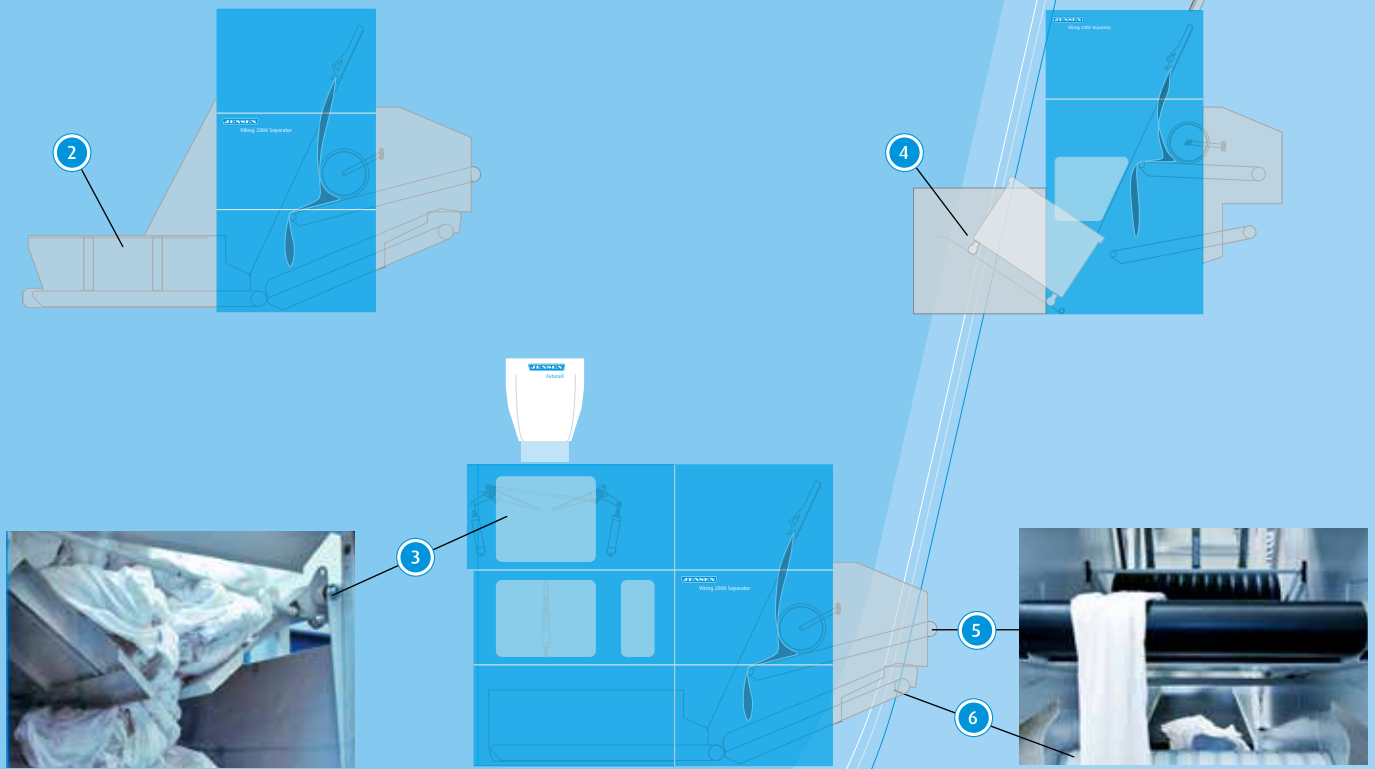
Viking 2000

Eliminates the hard work of separating the linen before feeding

Laundries demand productivity

That is why flatwork finishing systems are designed to work at increasingly higher speeds, and the operators in front of the feeders have to keep a high pace in order to increase productivity. However, the operators are often slowed down by the hard work of pulling out and separating twisted linen delivered from the tumblers by monorails, by trolleys or by conveyor belts.

Being the first to introduce automatic separation to the laundry industry, JENSEN has gathered important information and experience ever since the first Viking was installed in 1995 – experiences you will find built into each of the 3 Viking 2000 models.



1 Operation

A batch of linen is offered to a picker. 1 – 3 pieces at a time are pulled out of the batch and placed on the dispatch conveyor, and can now be easily taken and fed by the operator.

2 Model with trough

The basic model is supplied with a wide trough and a wide conveyor belt which is specially suited for loading from a conveyor or from a bag.

3 Model with pre-separator

The Viking 2000 with a built-in pre-separator is specially recommended for twisted linen. The built-in pre-separator receives the batch at the top of the Viking from either a monorail or conveyor system. Two sets of flaps receive the linen holding it back.

The upper set of flaps opens in order to let the batch trough to the lower set of flaps. The upper flaps then close in order to keep back 2/3 to 1/2 of the batch whilst the bottom flaps open in order to let the bottom part of the batch trough. The flaps work with the batch for a short time dividing and stretching the batch to ease the work of the picker.

4 Model with trolley lifter

A model with a trolley lifter has improved the picking from trolleys in comparison with the traditional trolley mover/shaker systems. When tilting the trolley, the linen automatically slides down to the lower corner of the trolley so that the picker does not have to “search” for more linen. The trolley can be loaded from the side, or from the end of the separator.

5 Optimum dragging force

A high-friction belt combined with a pressure wheel ensure optimum dragging force which prevents separated pieces from sliding back into the batch.

6 Bypass facility

The Viking 2000 with a built-in bypass facility automatically detects when there are only a few pieces left on the conveyor. Instead of losing time picking these last few pieces, it bypasses the picker within seconds leading the linen directly to the operators. In addition to the optimized speed, the bypass facility leads to an accurate customer separation of batches. The picker together with the bypass facility gives an output of up to 2,200 pieces per hour depending on category and linen type and pre-drying process etc.



7

8

7 Programmable triple-pickers

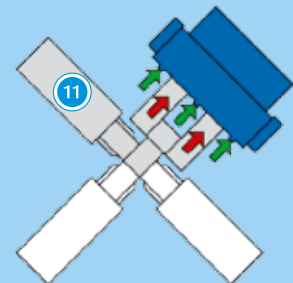
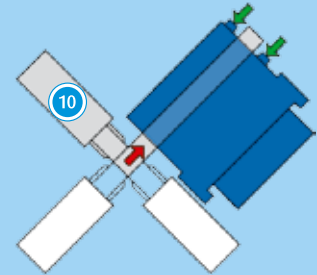
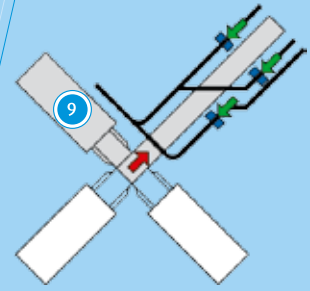
“Programmable” pickers on model A & C allow the Viking to use various combinations of the three clamps by selecting a finishing code. There will be a finishing code in which all three clamps are switched on, ensuring a separation with maximum output. In other finishing codes the program will switch one or two of the clamps off to separate the linen into smaller lots. Due to the accurate separation of batches, the Viking 2000 has the option to visualize and transfer customer, washing and finishing codes to the JENSEN ironer line.

8 Minimum stress on the linen

The Viking 2000 series performs the separation process by means of sensor-controlled pickers mounted on a lifting arm, which separates the linen in a batch and delivers it onto a conveyor in front of the feeder. The cylinders driving the pickers works as a natural cushion leading to less stress on the linen. Each picker is equipped with a photocell detecting the top of the batch in order to avoid squeezing the batch. Furthermore, a sensor control minimizes the risk of damaging the linen. When the force is too high the picker simply releases the linen.



Viking model C:
With pre-separator



Optimized flow

The Viking 2000 is a free-standing machine which can be placed in various positions in order to optimize the flow to the operators. The Viking 2000 has been designed as a modular, low and compact unit in order to fit in most laundries, new or existing. The modular system leads to various combinations of conveyor and feeding systems. Either with flow in line or feeding from either side of the feeder. The Viking 2000 can be coupled to either the continuous batch washer or monorail control to enable call-off and stop facilities of a batch.

9 Decentralized feeding system

Decentralized feeding system with 3 feeding stations.

10 Jenfeed Quick

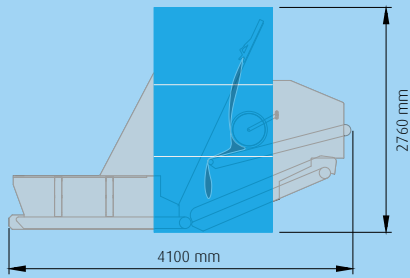
Conveyor trough Jenfeed Quick.

11 3 or 4-station Jenfeed Logic or Express

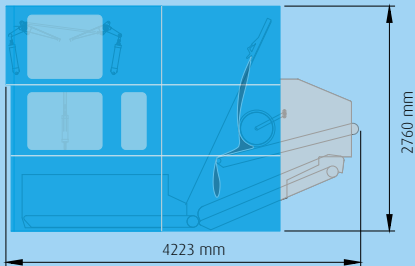
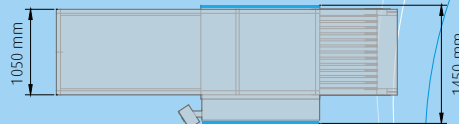
Conveyor solution to Jenfeed Logic with 3 or 4 front-loaded feeding stations. The same solution applies to the Jenfeed Express with two front-loaded feeding stations.

Control of external conveyors

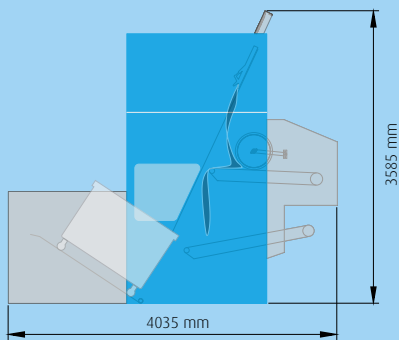
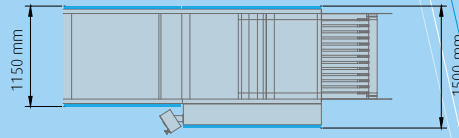
As an optional feature the control system of the Viking 2000 can control the conveyors leading the linen from the Viking to the operators positioned at the feeder. This ensures continuous flow of linen to the operators and optimizes the production capacity.



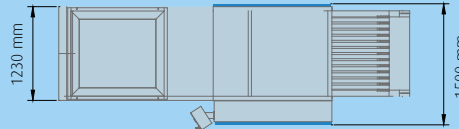
**Viking model A:
With trough**



**Viking model C:
With pre-separator**



**Viking model D:
With trolley lifter**



Models and capacities:

- Model A: Equipped with trough
- Model C: Equipped with preseparator
- Model D: Equipped with trolley lifting device

The maximum batch weight depends on the drop and on the weight of the trolley. Please consult JENSEN in each case.

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

Local contact

www.jensen-group.com

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