

Jenway

The smart way to automate
production flows

Logistics and storage system
for stacked goods.





Jenway

Modules and their purpose

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- 5 Buffer Conveyor
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The smart way to automate production flows

The finishing touch: Jenway

When laundry experts talk about laundry logistics, they usually focus on the process of moving the linen to the washroom section and to the ironers in the finishing section. However, automation should not end in the finishing section: The last mile in total laundry automation comes in the interface between the folding machine and the packaging area.

As a handling system for stacked flatwork linen, Jenway covers all requirements to maintain the quality of the finished goods all the way to the dispatch area. As the umbrella term for the buffer and storage system for stacked goods, Jenway consists of standardized modules that can be set-up and configured to meet the actual requirements and architectural conditions of the laundry.

For laundries processing textile rental, Jenway is the perfect solution to save on those resources that are scarce in all finishing sections - space and working hours - and at the same time optimize the flow of the stacked linen all the way to the packaging unit. The hands-free handling guarantees a constant quality level and offers a very customer-oriented, flexible way of supplying linen stacks.



Sideway Pusher for fully automatic and flexible stack sorting



Buffer Conveyor Multi lane with multiple levels



Zone Conveyor for stack separation and prebuffering



Roller Conveyor for ergonomic receiving position

Jenway at a glance

The Jenway Buffer Conveyor is a free standing unit for transport and storage of all types of stacked linen. The buffer system works in a way that the individual stacks are prevented from colliding with each other on transfer and then a distance between stacks is held to maintain stack integrity. The control allows for peaks and troughs in production volume with stop and start individually controlled for each transport and storage section. This system is usually installed at the end of the process lines and guarantees a maximum flow of production without operating personnel, enabling the system to lead the way in terms of ergonomic solutions. The operator simply removes stacks for dispatch or storage, with the system replenishing buffered packs fully automatically.

Modules for individual configuration

Roll-off Conveyor

A Roll-off Conveyor is a transporting point and is used in most applications as an interface between an ironer, for example, and the Jenway system. The batch is transported onto the Roll-off Conveyor and detected by a light barrier. In order to transport stacked linen onto a loading belt running transverse to the Roll-off Conveyor, the Roll-off extends. Once it has been extended, the stack is transported to the middle of the transverse-running belt. The Roll-off then retracts again and the stacked linen is transported onto the belt at the same speed as the retracting telescope. This type of belt can only take one stack of linen at a time.

Conveyor

The Conveyor is used to transport stacked linen in the Jenway system.

Curve Conveyor

A Curve Conveyor transports a laundry batch around a 45° or 90° bend. There is a light barrier at the start and end of the belt.

Sideway Pusher

The Sideway Pusher is a Conveyor option which can be installed as an add-on. Its main task is to unload and sort the stacked linen onto an unloading belt. This takes place using a pusher, which pushes the stacked linen sideways off the conveyor.



Modern, state-of-the-art visualisation of Jenway: Improved usability for a better user experience

	Modules	Storage belts	Track & Trace	PPC	Visualization	Connection to JENSEN Cockpit	Customized solutions
A System	max. 10	–	–	–	–	–	–
B System	unlimited	●	●	●	●	●	–
C System	unlimited	●	●	●	●	●	●

Three levels of the automation of Jenway

Buffer Conveyor

The Buffer Conveyor stores the linen batches are lined up close behind one another on the belt. The storage capacity depends on the length of the storage belt, the dimensions of the stacked linen and the distances between the batches. The aim is to optimise the storage capacity whilst also ensuring a constant flow of linen batches to the unloading point.

Zone Conveyor

The Zone Conveyor stores and straightens out stacked linen in Jenway systems, e.g. between Sideway Pushers and Buffer Conveyors.

Roller Conveyor

The ergonomically adjustable height and the automatic allocation is of an additional value for the operators.

Jenway Storage with the unique Buffer Conveyor

In connection with the upgrade to a Jenway storage system, linen stacks are not only transported directly to the packing devices and to the dispatch area from the folding machine, they are also sorted by individual

criteria on beforehand and delivered on special storage belts. This automatic sorting ensures that the linen stacks are prepared correctly and extremely efficiently prior to delivery.

Application areas

Automation as a key to increased productivity is paramount for laundries in all sizes. The level of automation depends on the complexity of the laundry, the mix of processed linen, the portfolio of the laundry's customers and their individual requirements.

The automation of Jenway consists of three levels:

- Jenway A System – entry level
- Jenway B System – intermediate level
- Jenway C System – advanced level.

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.


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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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