Jenfold Tematic Pro

Fully automatic folding, sorting and stacking of towels
Meeting all requirements
The Jenfold Tematic Pro can be specified for folding, sorting and stacking the complete range of dry goods in the flatwork sector as well as for processing light uniforms. The modular construction allows individual machine configurations and thereby meet all requirements of today’s laundry automation. Following the trend that towels are becoming larger for various applications, the machine has been designed to handle towels with a size of up to 1200 × 2000 mm.

Constant flow
In order to obtain a constant high production, JENSEN offer several solutions, e.g. a conveyor, or a bag handling system delivering a batch of towels to the operator through a funnel.

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2 Ergonomically correct feeding height
Due to the inclined feeding table, the standard feeding height fits most operators. As an option, the feeding height can be adjusted, allowing to adjust the feeding height between 890 and 1150 mm.

3 Automatic width detection
The width of the item can be set in each category, or it can be determined fully automatically by photocells positioned in the feeding section as requested. The information is used for determining the width of the fold. Bypass of up to 600 mm. wide pieces for cross folding or stacking only is possible.

4 Automatic length detection
The length of the towel is automatically measured in the lateral fold section, enabling to assign the cross fold automatically according to category.

5 Fast top-quality folding
The lateral fold is performed by folding blades folding the piece across an adjustable template. The horizontal folding movement guarantees fast folding, and the unique folding blades provides a stretching effect to the linen, which proves an advantage especially for heavily used terry towels. On folding uniforms, the sleeves are manually folded in before feeding.

6 Flexible 1st cross fold
The cross fold section can perform 1 or 2 cross folds as a half fold, or one French fold. The first cross fold is performed by reversing conveyor and air blast. The cross fold section is flexible and adapts automatically to the thickness of the item. An optional knife is available and recommended for light t-shirts and incontinence pads.

7 2nd cross fold
The second cross fold is performed by a reversing conveyor and air blast, giving a pressing effect to the folded piece, ensuring optimum grip and an exact fold.
10 Automatic sorting and stacking
As a standard feature, the Tematic Pro is supplied with 3 photocells positioned on the feeding table. The photocells are positioned either in a vertical or in a horizontal position, enabling automatic sorting and stacking onto pre-determined stackers according to item width or feeding position.

Automatic piece tracing
If any irregularities arise during folding, the machine is stopped and the error is shown on the control display.

Service-friendly design
The flexibility of the cross-fold section prevents items from jamming between the rollers, allowing a piece to be fast and easily removed when opening the hinged safety cover. Reject after the first cross fold is possible by pressing the reject button.

9 Lift stacker
Each stacker is available with an optional lifting device. The lifting device lifts the stacker up to a receiving height close to the stacking flaps, which reduces the drop distance of the linen, and gives a better stacking quality as a result.

8 Stacking section
The stacking section provides up to four stackers as requested. The most popular model comprises 3 roll-off stackers, with an optional wide stacker positioned between 2 standard stacks. Coupling of stackers is possible, allowing larger pieces to be stacked.

The Jenfold Tematic Pro has been designed to handle towels, fitted sheets, patient garments and light uniforms depending on selection of options.
Stacker and conveyor solutions
The Tematic Pro is available with a range of stacking conveyor solutions.

Stacking directly on a conveyor
Stacking directly on a conveyor is available with 1, 2, 3, or 4 conveyors as illustrated on the models 1×0, 2×0, 3×0 and 4×0.

Delivery conveyor
Delivery back to the operator or to a Jenway conveyor system is the preferred solution in the majority of laundries. This solution includes a roll-off conveyor delivering the stack to an inclined conveyor positioned at the side of the machine as illustrated on the models 1×1, 2×1, 3×1 and 4×1.

Stacking size and position
As standard, each stacker is designed for a stacking size of:
L. 470 × W. 475 × H. 300 mm., and is optionally available for larger stacks.

Larger stacks (Optional)
Each stacker is optionally available for larger stacks as follows:
Length + 200 mm. (670 mm. in total)
Width + 200 mm. (675 mm. in total)
Height + 100 mm. (400 mm. in total)

Delivery to a Jenway system
The inclined transport conveyor can be connected to a Jenway conveyor system via an optional roll-off table enabling automatic transportation of the stack to a central delivery point.
Models Jenfold Tematic Pro
Depending on selected options, the machine can handle towels, fitted sheets, patient garments and light uniforms.

Outlet directions
The modular design of the Jenfold Tematic Pro makes it easy to specify the machine to fit into your laundry layout:

15 Outlet from roll-off stacker(s) to an inclined transport conveyor allowing transport back to the operator

16 Outlet from roll-off stacker(s) to an inclined transport conveyor positioned between two machines, allowing transport back to the operator

17 Stacking directly on an inclined conveyor

User-friendly operation
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, as well as detailed information in up to 99 different categories.

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

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