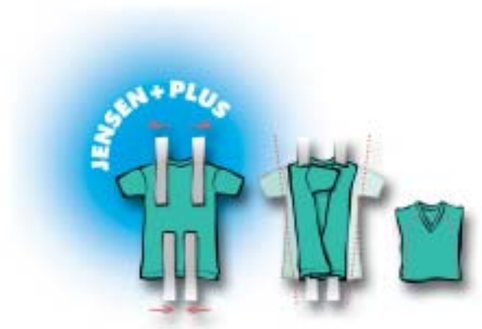
Lift stacker in transferposition

Stack indexing



TANDEM TEMPLATES

The collar will be folded wider than the buttom area.

This results in a perfectly folded and presented garment.

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BUTTERFLY MAXIMAT 900

Fully automatic folding, stacking and sorting of Uniforms

picture: Maximat with options

Call us ...

JENSEN provides a complete range of equipment to the heavy-duty laundries, delivered and installed according to your specifications.
Please do not hesitate to contact us for further advice and information, e.g. by paying us a visit at www.jensen-group.com.

JENSEN®

JENSEN GROUP

The JENSEN GROUP's world of competence comprises the following JENSEN brand names:

JENSEN	the market leader in finishing automation
METRICON	the world's most advanced garment-sorting and -handling system
SENKING	the market leader in washing equipment
FUTURAIL	bag-handling systems since 1967
D'HOOGE/L-TRON	the washer extractor and dryer product range
AMKO	worldwide well-known finishing systems

JENSEN®

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– A world of competence

Garment automation with high and constant performance

LSG

JENSEN GROUP
– the heavy-duty laundry division in LSG, Laundry Systems Group

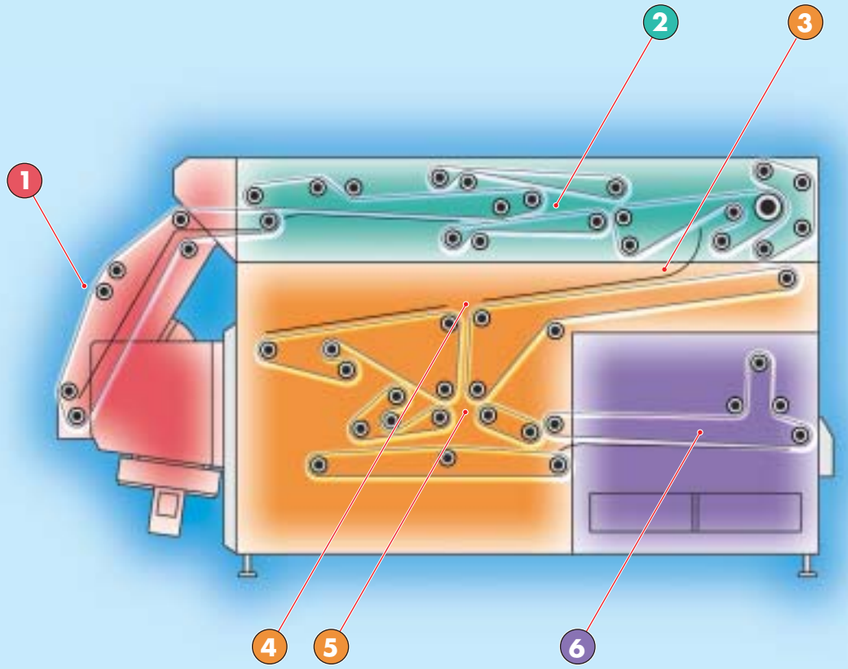
Application

• The **BUTTERFLY MAXIMAT 900** is suitable for fully automatic folding, stacking, and sorting of the complete range of uniforms and meets all requirements of today's garment automation.

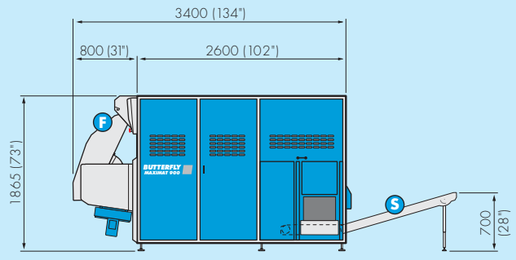
• The modular construction provides individual machine configuration and thereby covers every customer's needs. All operations such as folding, sorting, and stacking are done fully automatically.

• Numerous options are available.

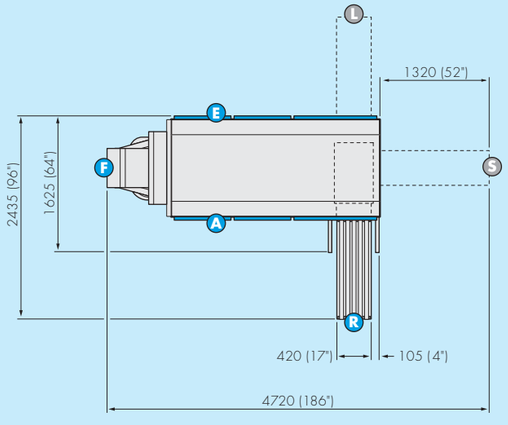
BUTTERFLY MAXIMAT 900



SIDEVIEW



TOPVIEW



- **F** **Feeding**
- **A** **Air** connection
- **E** **Electrical** connection
- **R** **Stacker** outlet right
- **L** **Stacker** outlet left
- **S** **Stacker** on-line (only with singel stacker model)

Air consumption
24 m³/h
Min. air pressure
6 bar

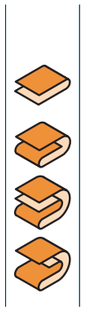
Electrical connection
3 x 400 V / 50 Hz
6 A / 4.2 kVA / 3 kW
Fuse 16 A

Max. linen size
24" x 71" / 600 x 1800 mm

Ccyle time
900 pcs/h

Shipping dimensions
L. 146" / 3700 mm
W. 79" / 2000 mm
H. 83" / 2100 mm
G.W. 2863 lbs / 1300 kg

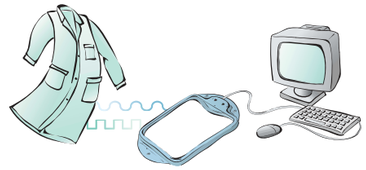
XF **Crossfolds**
MAXIMAT HC 600



- **One half fold**
- **French fold**
- **Quarter fold**
- **Fix. dim. fold**

Functional description

1 The garment reaches the machine's in feed section via supply conveyor. During the manual transfer movement, the garments' identification can be read by means of the **JENTAG** radio frequency antenna. It can then be stored for later processes. This data is used for sorting and forwarding information, for example.



A controlled vacuum function is used to hold the garment and makes it possible for an additional quality inspection. The feeding height can be set freely in an ergonomic range and guarantees effortless work.

The manual transfer action guarantees that the sleeves hang naturally. This is the perfect prerequisite for the following folding process.

The sleeve insertion is done continuously and through a driven conveyer system. For short sleeves, this function may be aided by an additional air blast.

2 In order to achieve very compact fold dimensions (locker size), an optional cross pre-fold may be integrated prior to the lateral fold unit. The fold is prepared by means of a mechanical fold knife and reversing technique.

3 The fold pattern is automatically determined by using the length parameters of a garment.

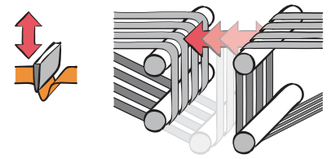
A further **JENSEN** development is a lateral-fold via TANDEM templates and mechanical folding knife. Through the unique folding process with TANDEM templates, the collar will be folded wider than the buttom area. This results in a perfectly folded and presented garment.

The horizontal folding movement results in an additional stretching effect.

To do justice to various types of garments, the lateral fold section is mechanically cushioned and therefore, adapts optimally to the garment quality.

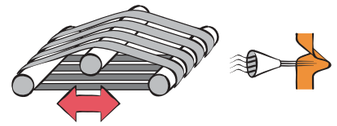
4 The first crossfold is executed via reversing conveyor belts and airblast.

The **BUTTERFLY MAXIMAT 900** is delivered with a mechanical fold knife as well as the patented crossfold adjustment as standard features.



Transfer of garments through the crossfold section may be individually set and automatically controlled via the information previously gathered during the cycle.

5 The second crossfold is executed via reversing conveyor belts and air blast.



Guiding the garment into the sandwich conveyor provides not only exact folding results, but also has a packing effect. Similar to the first crossfold, the gathered garment information will be used to set the mechanical action on the garment and the intensity of the air blast.

6 The stacking unit is a modular construction, allowing many extension possibilities for sorting.

Adding serial stacking modules provide an extremely simple and space-saving solution.

The optional press stacker with horizontal transfer technique allocates the folded garment to the corresponding stacker without a dropping movement.

The garment stacks can either be stored per stacking conveyor or transported via collecting conveyor to a central delivery station.

MAXIMAT 900
The stacking unit is a modular construction, allowing many extension possibilities for sorting.