



MULTIFOLD SUPER

VEGA FULL DRY FOLDER

Features:

- Lateral fold by mechanical knife
- Standard sorting on three stackers
- Optional fourth stacker underneath the folder
- Special delivery and discharge conveyors available on request
- Standard maximum length up to 1800 mm
(Optional up to 2200 mm)



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CONCEPT & DESIGN

The VEGA MULTIFOLD SUPER is a automatic folding, sorting and stacking machine for a large variety of articles.

Available in the following configurations:

- **VEGA MULTIFOLD SUPER**
 - French length-fold made by mechanical knives
 - Maximum feeding length: 1800mm (70.86")
 - Pieces are sorted on three stackers
- **VEGA MULTIFOLD SUPER 2.2**
 - French length-fold made by mechanical knives
 - Maximum feeding length: 2200 mm (86.61")
 - Pieces are sorted on four stackers

For more details please contact us.



WORKING PRINCIPLE

The operator feeds a towel on the special stop conveyor. Once the towel is placed on this conveyor, the photocell, placed underneath the feeding conveyor, will give a start signal to start the feeding conveyor.

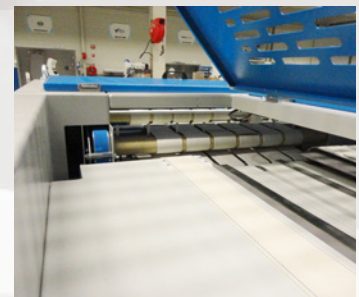
After feeding, a photocell will measure the length of the towel and the machine will set the width to a programmed width.

In the VEGA MULTIFOLD SUPER the French length-fold is executed by mechanical knives.

In the cross fold section, the towels will be pressed by two driven conveyors to ensure high quality processing. The first cross-fold is made by belt reverse-folding in combination with a air knife and the second by belt reverse-folding, in combination with a mechanical knife, for high-quality processing and a high production rate.

After folding, the towels are sorted on three, or four, stackers below the machine.

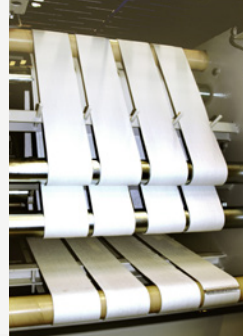
After the stacks have reached the programmed number of towels, they are discharged by a roll-off conveyor onto a central conveyor, which transports the towels back to the operator, or to the other side of the machine.



FLEXIBILITY & CONTROL

The following folding methods are possible with MULTIFOLD SUPER:

- French-fold and no cross-fold
- French-fold combined with one cross-fold
- French-fold combined with cross-folds
- French-fold combined with French-cross-fold
- Normal-length fold and no cross-fold
- Normal-length fold combined with one cross-fold
- Normal-length fold combined with cross-folds
- Normal-length fold combined with French-cross-fold



Control system

The MULTIFOLD SUPER comes with an industrial PLC software, controlled through an easy-to-use touch-screen interface where up to 100 customer defined programs can be stored with separate counters for each program and item.

The software is easy to use and is programmable by a USB stick, which automatically creates a backup of the last 10 changes made in the software.



TECHNICAL SPECIFICATIONS

In standard execution:

- Electric connection: 3x400V+0+E, 50 Hz
- Electric consumption: 1.6 kW, 16 Amp
- Pneumatic connection: 1/2"

Optional:

- VEGA-MULTIFOLD SUPER length up to 2200mm
- VEGA-MULTIFOLD SUPER length folds by knife
- VEGA MULTIFOLD SUPER Additional stacker
(4 stackers in total instead of 3)
- Laser for half fold



TOWEL SIZE:

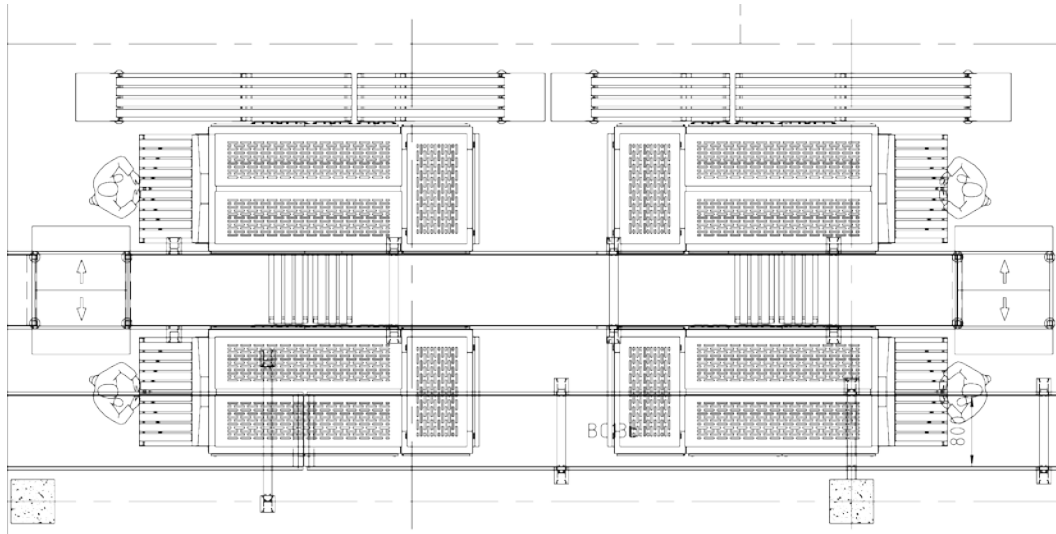
- Width: 1200mm
- Length: 1800mm

vega
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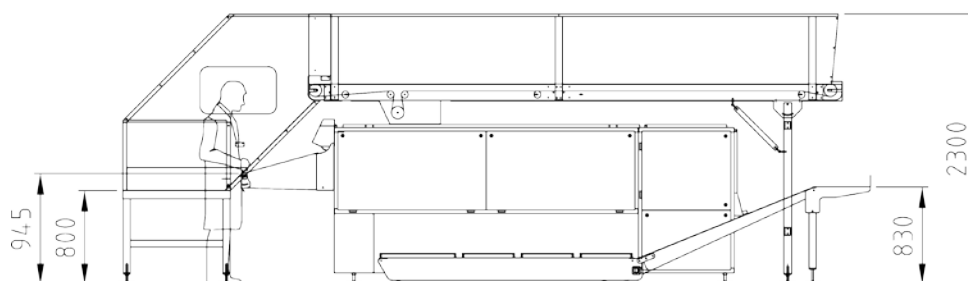
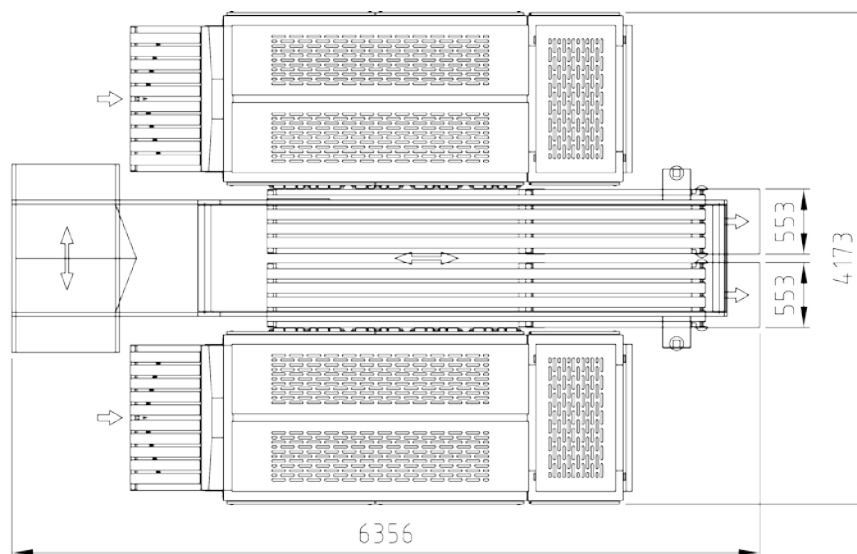
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SITUATION DRAWINGS

Vega Multifold SUPER Layout partial sample



Vega Multifold SUPER 2.2 with Delivery & discharge conveyors



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