



VEGA FLATWORK FOLDER

Features:

- Up to three lateral folds executed by belt reverse folding
- Up to three cross folds executed by belt reverse folding in combination with knives
- Several options for folding and stacking of small pieces
- Working width standard up to 3300mm, up to 4000mm available



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CONCEPT & DESIGN

The VEGA APML is a reliable high quality folder specially designed for items with high quality finish and special folding patterns. With its speed variations between 5 and 30 M/min the machine is perfectly suitable as a combination folder for both small and big pieces such as: Table cloths, napkins, Duvets, sheets, pillow cases and thee towels.

Standard Features:

- Up to three lateral folds executed by belt reverse folding
- Up to three cross folds executed by belt reverse folding in combination with knives
- Several options for folding and stacking of small pieces
- Working width standard up to 3300mm, up to 4000mm available



Executions:

The VEGA APML is available in the following executions:

- **APML 3/3-1 3/2-2**
(3 lateral folds / 3 cross folds - in 1 lane and 3 lateral folds / 2 cross folds - 2 lanes)
- **APML 3/3-1 3/0-4**
(3 lateral folds / 3 cross folds - in 1 lane and 3 lateral folds / 0 cross folds - 4 lanes)
- **APML 3/0-1 3/0-3**
(3 lateral folds / 0 cross folds - in 1 lane and 3 lateral folds / 0 cross folds - 3 lanes)

WORKING METHOD

When pieces come out of the ironer, they are measured by the photocell and counter wheel on the feeding belts of the folder. After measurement, the piece will go to the first lateral fold, which is done by belt-reverse folding supported by an air knife. After the first lateral-fold, the piece will go to the second and third lateral fold, which is also done by belt reverse-folding supported by an air knife.

After the lateral fold section, the piece will be processed on a driven table before the cross-fold section. Above this table the stainless steel cross-fold knife will fold the piece between two driven rollers for the first cross fold. The second and third cross-fold are executed by knives in combination with belt reverse-folding. The second and third cross-fold can be bypassed if only one or two folds are required.

After folding the piece will be stacked by the standard drop-stacker up to the pre-programmed number of pieces.

The standard opening of the cross-fold section is 825mm, which means that pieces up to 3200mm can be folded twice and still go into the cross-fold section.



FLEXIBILITY & CONTROL



In addition to several folding executions, other options are available as well. As a standard, the VEGA APML is supplied with one drop stacker next to the machine, either on the left or right side. Other stacker options are:

- No stacker, ASL stacker or Roll-off stacker, instead of the standard drop stacker
- Drop stacker inside the frame of the machine to save space



Control system

The VEGA APML comes with a industrial PLC control system with Easy to use touch screen interface. The PLC control system can store up to 100 customer specific programs. The software is easy to use and programmable by a USB stick.

The system has a automatic back up which will store the last 10 changes that are made.

TECHNICAL SPECIFICATIONS



In standard execution:

- All lateral folds executed by belt reverse folding
- All cross folds by knife in combination with belt reverse folding
- Working width up to 3300mm
- Movable delivery table
- Bridge and stairs
- Automatic speed synchronization
- Color frame work powder painted Grey RAL 7035
- Color paneling powder painted Blue RAL 5015
- Voltage 3 x 400V 50 cycles
- Control voltage 24V
- Safety according to CE-regulations

Options:

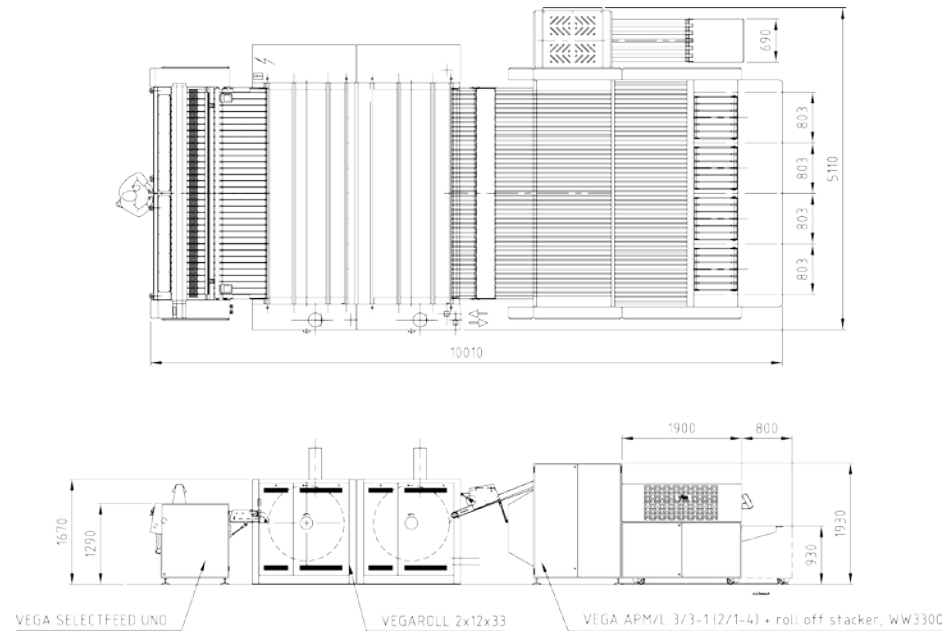
- Working width up to 3.500mm or 4000mm
- Special division per lane
- Control panel per lane by touch screen
- Automatic lane coupling
- Special voltage & frequencies



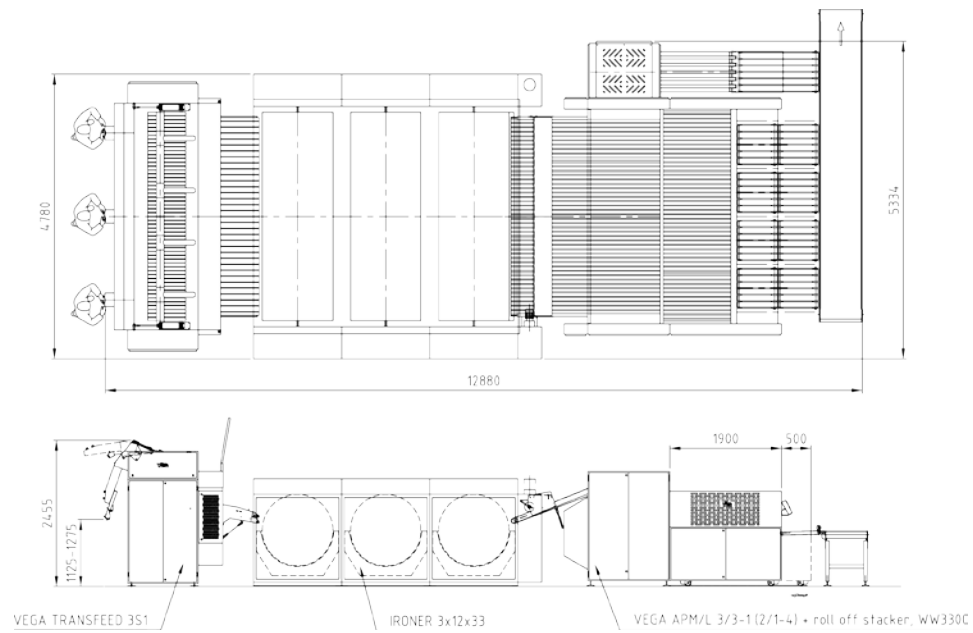
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SITUATION DRAWINGS

Vega Selectfeed UNO with Ironer (2x12x33) and Vega APM-L+roll-off



Vega Transfeed 3S1 with Ironer (3x12x33) and Vega APM-L+roll-off



VEGA systems B.V.
 Lauwersmeer 9
 5347 JR Oss, The Netherlands
 Phone: +31 (0) 412 407090
 Fax: +31 (0) 412 407091
 info@vegasystems.nl
 www.vegasystems-group.com