

VEGA systems

from design to implementation



DISCOVER VEGA SYSTEMS - YOUR LAUNDRY DESIGNERS

At VEGA systems, we take pride in our legacy of excellence. With over 50 years of unwavering commitment to the laundry industry, our journey has been one of continuous innovation and dedication.

Specialized Expertise

We are specialists in the design, development, and manufacturing of VEGA systems laundry equipment. Our expertise extends to crafting cutting-edge solutions that redefine laundry efficiency.

Complete Industrial Laundry Plants

Our passion lies in the comprehensive design of industrial laundry plants. From concept to completion, we create solutions that set new standards in the industry.

Local Partnerships

We understand the value of collaboration. That's why we've cultivated strong partnerships with local providers of steel, parts, and control systems. Together, we ensure that every detail of our equipment exceeds your expectations.

In-House Excellence

With our dedicated PLC and controls department, we maintain complete control over the quality and precision of our systems. Excellence is not just a goal; it's our standard.

Global Vision, Local Solutions

Our designs are born from a global perspective, but they are tailored to meet your unique needs. We believe in the power of global design and the importance of local solutions.

Join Us

We're excited about the prospect of working together. Let's transform your laundry experience and unlock a new era of efficiency and sustainability.

SERVICE & PROJECT MANAGEMENT

Service & Project Management Excellence for Machine Manufacturing

At **VEGA systems**, we're not just machine manufacturers; we're your trusted partners in achieving manufacturing excellence. Our comprehensive service and project management solutions are designed to ensure your projects are executed seamlessly and efficiently, from concept to completion.



Comprehensive Service Offerings

We offer a wide range of services that cater specifically to the needs of machine manufacturing:

- **Project Planning and Execution:** Our team of experienced project managers ensures that your manufacturing projects are meticulously planned and executed, meeting deadlines and budgets while maintaining quality standards.
- **Resource Management:** We optimize resource allocation to ensure your projects are staffed with the right skills and expertise, minimizing downtime and maximizing production efficiency.
- **Quality Control:** We maintain quality control measures throughout the manufacturing process to guarantee that your machines meet the highest standards of quality and safety.
- **Supply Chain Management:** Our expert team manages the entire supply chain, from sourcing raw materials to coordinating with suppliers, ensuring a smooth and cost-effective manufacturing process.
- **Regulatory Compliance:** We keep up-to-date with all relevant regulations and standards to ensure that your machines meet compliance requirements, reducing risks and liabilities.

CUSTOMER-CENTRIC PROJECT MANAGEMENT

We understand that each laundry project is unique, with its own set of challenges and objectives. Our customer-centric approach allows us to tailor our project management services to your specific needs. Whether you require a complete new laundry or support for a particular rebuild in your existing laundry, we have the expertise to assist you.

Experienced Team

Our seasoned team of professionals brings extensive experience in the laundry and machine building industry. Their industry expertise and problem-solving skills guarantee that your project benefits from best practices and innovation.

Advanced Technology Integration

We leverage state-of-the-art project management tools and technologies to enhance transparency, collaboration, and efficiency throughout the complete process. These tools enable us to deliver superior results while keeping you informed at every stage of the project.

Satisfaction Guaranteed

Your satisfaction is our ultimate goal. We are committed to exceeding your expectations by delivering machines that meet your specifications, on time, and within budget. Our dedication to service excellence and project management is unmatched.

LET'S COLLABORATE

Whether you're planning a new laundry project, need support in upgrading the current production, or require expertise in any aspect of a laundry, we're here to help. Partner with us, and experience the difference that professional service can make for your laundry business.



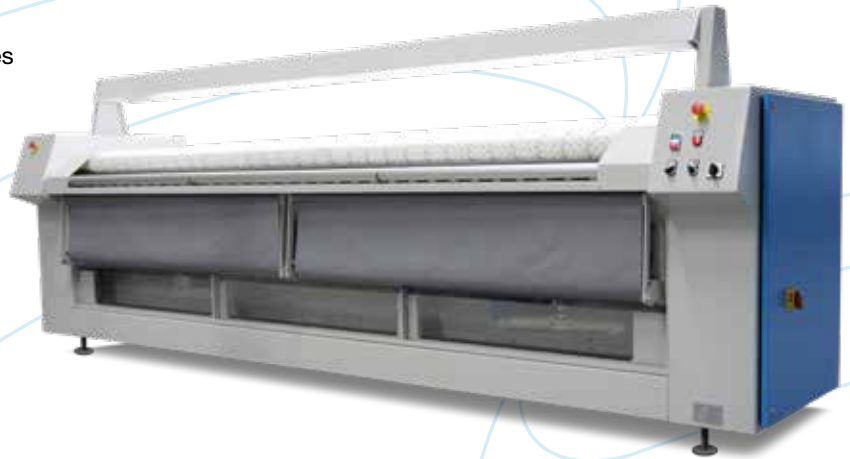
VEGA SELECTFEED

The VEGA SELECTFEED is our basic feeder designed for manual feeding of sheets, duvets, table linen and small pieces directly on the feeding table.

This machine is suitable for small laundries where the processing of different kinds of linen over one ironing line, or bigger laundries where the need to use a machine on a dedicated small pieces ironing line for optimal production.

Features

- Manual feeding in one or multiple lanes
- Working width up to 4.000 mm
- Adjustable speed
- Direct feeding into any Ironer



VEGA SELECTFEED UNO

Flexibility, quality and simplicity are the keywords for the design of the VEGA SELECTFEED UNO.

With the adjustable widths feeding-clamps, big pieces can easily be introduced by one or two operators.

Features

- Single lane automatic feeding
- With one feeding station
- Manual feeding in multiple lanes
- Working width up to 4.000 mm
- Adjustable speed



VEGA FEED CL

In modern laundries quality, efficiency, ergonomics and productivity are getting more important every day. That's why those were the keywords when we developed the VEGAFEED CL.

It's the perfect machine to process all kinds of hospital sheets, if you want to improve quality, increase production or create a better working environment for you employees the VEGAFEED CL is the right choice. Production capacity in single lane and with 1, 2 or 3 stations, up to 1800 pieces per hour.

Features

- Single lane automatic corner less feeder
- Available with one, two or three stations
- Height adjustable feeding stations
- Standard working width: 3.000 mm, available up to 3.500 mm
- Adjustable speed



Working principle

- The operator puts the long side of the sheet on the feeding station transport lane, which will transport the sheets vertically and under an angle towards the shuttle station
- Due to the vertical transport, a pit is not needed (for pieces up to 2.000 mm), which will save you from additional construction work and ensures a safe working environment.
- After the transfer, the servo-driven spreading clamps will spread the item with high speed and accuracy. Then the leading edge will be placed on the vacuum lay-down beam and the trailing edge will be sucked into the suction-box

In modern laundries quality, efficiency, ergonomics and productivity are getting more important every day. That's why those were key words when we developed the VEGA TRANSFEED S.

Doesn't matter if you want to process sheets, heavy duvet covers or quality table linen with the TRANSFEED S you can always find the right adjustment for your specific items. So if you want to improve quality, increase production or create a better working environment for your employees. The TRANSFEED S is the right choice!



Available in the following executions

- Two, three or four clipping stations
- For single lane feeding, or single and two lane feeding
- Moveble feeding bed for manual feeding of pieces in multiple lanes
- Working width up to 4.000mm
- Adjustable speed

Ironig line executions

- High quality table linen line with 1600/270
- High speed production line with 3x1200
- Combination ironer lines

Working principle

Operators clip the corners of the piece in the clipping station. After clipping the clipping station moves up in front of the the spreading system and the clips of the spreading system takes the corners out of the clipping stations. The high speed servo spreading system will spread the item and the vacuumay down beam is positioned under the full width of the item. The spreading clipping stations will release the item and suction will vacuum the piece to the lay down beam. The servo controlled lay-down beam will place the item on the feeding deck.

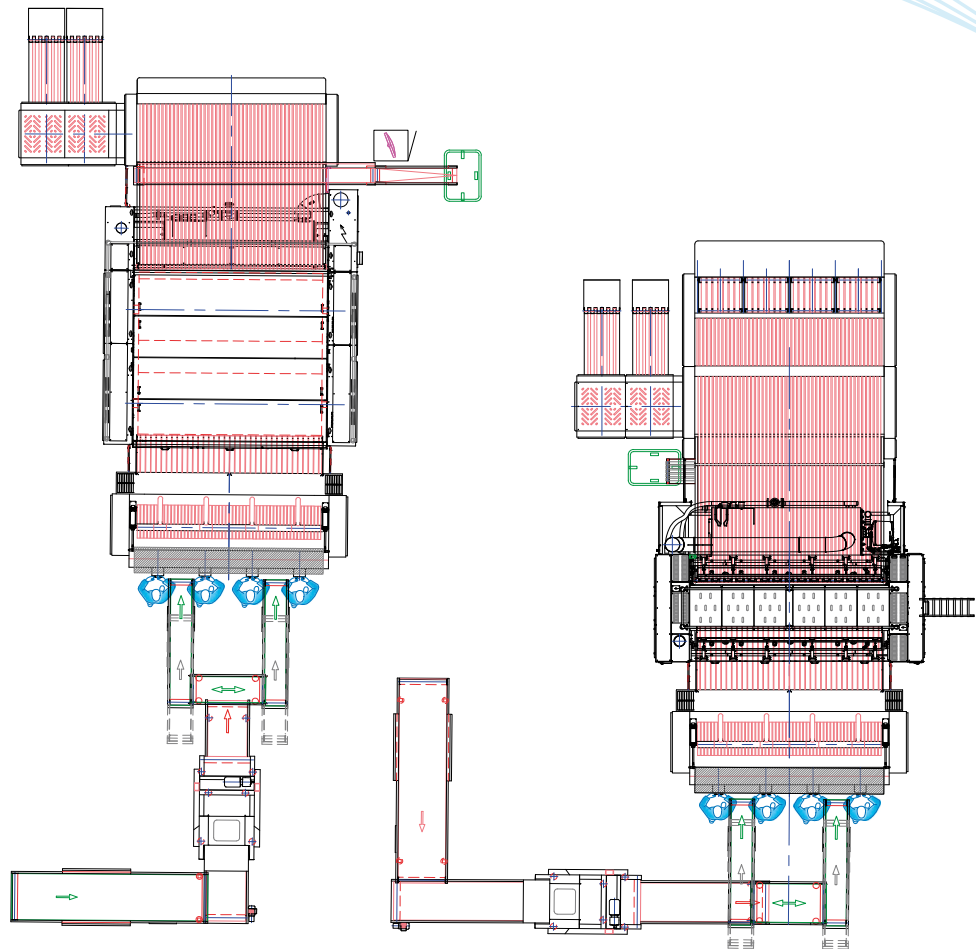


Flexibility

The VEGA TRANSFEED S can be equipped with three or four in height adjustable clipping stations and can be executed in one and, or two lanes for automatic feeding. Manual feeding is possible in multiple lanes.

When the machine is set for manual feeding the clipping stations will move upwards and the feeding bed with stretching knives will come down to create an ergonomic working positions for the operators.

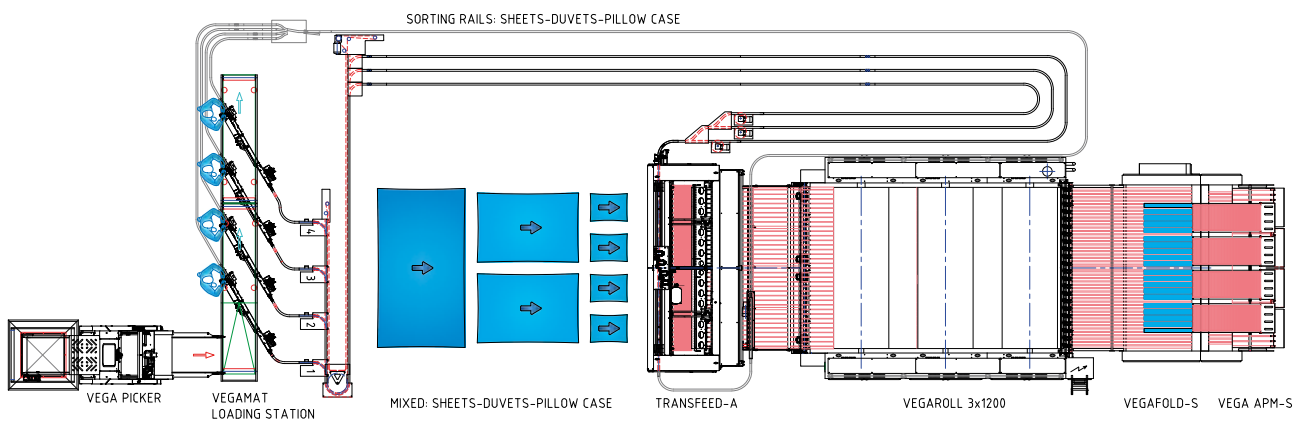
The TRANSFEED S is standard available in working widths up to 3.500mm. Working widths up to 4.200 are available as an option.



VEGA TRANSFEED Automatic

Fully automatic clean sorting for Hotel linen. In most hotels the bed linen and towels are collected separately. In this case you will not need any soil sorting in your laundry in combination with the VEGA TRANSFEED system. Operators will feed mixed: sheets, duvets and pillow cases. Sheets, duvets and pillow cases will all go to separate rails and will be processed with a First in First out principle to keep the customers together.

In combination with the VEGAFOLD S and APMS stacker sheets and duvets can be sorted in up to 4 different sizes and pillow cases will be stacked by the APMS stacker.



Main advantages of this system:

- No soil sorting needed
- Less complicated soil and clean monorail
- Better washing and shaking
- Less underloading of the tunnel
- Ergonomic work for the operator
- Higher productivity at the feeding stations due to mixed batches (less tangling)
- Higher productivity on the ironers
- 20% smaller machine investment
- 20% increase of productivity with same people
- Modular system which easily can be extended



VEGAMAT

VEGA Semi automatic clipping station for the TRANSFEED system

- Manual clipping by the operator
- Sorting by selection buttons on the VEGAMAT
- High production
- Adjustable speed
- Ergonomic work position with support to find the second corner

Working Principle

Batches of towels and bed linen will be loaded separately in the bag system and tunnel. Towels will be fully dried and delivered to the towel folders where they are folded and automatically sorted by size.

Bed linen will go to the batch separator and/or picker on to a conveyor and is delivered to the operators. Operators will feed pillow cases, sheets and duvets by the VEGA clipping stations. Due to pre-set transport heights in the clipping stations operators are supported in finding the second corner of the item. From the clipping stations items are sorted in to different rails for pillow cases, sheets and duvets. The intelligent control system with customer separation system will assure that customers will stay together and there will be minimum waiting times between transfers. For example:

Customer A Sheets, Customer A duvets, Customer A, pillow cases, Customer B pillow cases, Customer B Duvets, Customer B Sheets, Customer C Sheets, etc...

The TRANSFEED Automatic can process sheets and duvets in single and two lanes depending on the sizes and working width of the TRANSFEED Automatic. Pillow cases can be processed in 4 lanes. After ironing items will come to the VEGAFOLD S where it is possible to sort large pieces in up to 4 different sizes, like:

- Singles
- Doubles
- Kings
- Queens

Behind the VEGAFOLD S a AMD or APMS stacker can stack the pillow cases. In this way customers will all stay together which will improve packing and internal logistics as well.



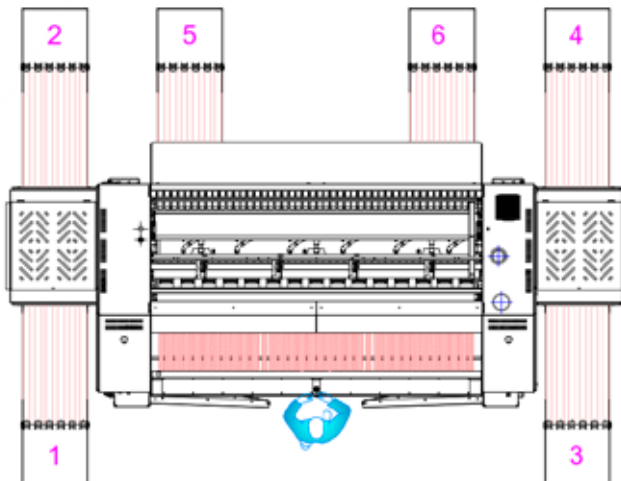
Industrial combination of Feeder, Chest Ironer, Folder and Stacker. With this machine you will have all the advantages of an industrial Ironer line on the footprint of a heated roll combi machine.

The machine consists of:

- SELECTFEED UNO single station feeding unit with spreading brushers and belts
- VEGAROLL 800 Chest heated ironer with the ironer surface of a 1200 single roll ironer
- VEGAFOLD folding with lateral folds by air knife and cross folds by belt reverse folding in combination with a mechanical knife

The VEGA COMBI S will be available in several types of heating which are:

- Gas heated
- Steam heated
- Electrical heated
- Hybrid (combination of electrical and gas)



Stacker executions:

1. Left return to operator
2. Left backwards
3. Right return to operator
4. Left inside the frame to the back (Option)
5. Right inside the frame (Option)
6. Additional stackers for sorting by size (Option)



Left (Cold) side of the machine

- Direct drive motor for the roll
- Belt drive for the feeder
- Belt drive for the folder
- Riello burner
- Electrical cabinet



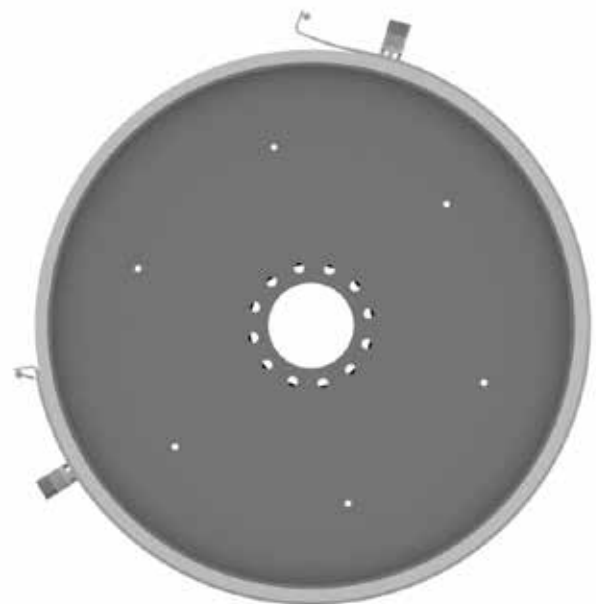
Right (warm) side of the machine

- Oil reservoir with oil-level
- Exhaust fan adjustable
- Hot-Oil pump 30M3 per hour
- Gas flue duct
- Hydraulic chest pressure

Working principle

The flexible chest of the VEGA COMBI S covers the 800 roll for 260 degrees and is pushed against the roll by three individual hydraulic cylinders. Stainless steel scrappers make sure items will come off the roll and are guided to the folder. Big advantage will be there are no marks of ironig tapes.

Standard execution of the folding section in single, two and four lanes. Up to 2 lateral folds (3 lateral folds option) and 3 cross folds. All length folds can be by-passed by mechanical by-pass.



VEGAROLL SL

The VEGAROLL SL series is our entry level steam ironer and suitable for many types of laundries, like: hotel, hospitality and healthcare.

The VEGAROLL SL is available in the following executions:

- 800 and 1200 roll diameter
- One, two and three roll executions
- Working widths from 3.000mm up to 4.000mm

Main features of the VEGAROLL SL are:

- Unique hinged chest design for optimal roll coverage
- Exhaust system per roll
- Single motor drive with gearbox per roll and V-belt drive system
- Springpress bed with polyester padding

Featured options for the VEGAROLL SL:

- PLC Control system with touch panel and up to 100 programs
- Plugs for feeder and folder on the ironer
- Feeding deck
- Remote control for ironer tape replacement, ironer tapes tensioner with bridge and surveillance.



VEGAROLL GL

The VEGAROLL GL series is our gas heated ironer in 800 and 1200 roll diameter. Most suitable for many types of laundries, like: hotel, hospitality and healthcare.

The VEGAROLL GL is available in the following executions:

- 800 and 1200 Roll diameter
- One, two and three roll executions
- Working widths from 3.000mm up to 4.000mm



Main features of the VEGAROLL GL are:

- Unique hinged flexible chest design with laser welded pockets for optimal flow
- Exhaust system per roll
- Boiler and modulating burner per roll
- Single motor drive with gearbox per roll and V-belt drive system
- Springpress bed with polyester padding

Featured options for the VEGAROLL GL:

- PLC Control system with touch panel and up to 100 programs
- Plugs for feeder and folder on the ironer
- Feeding deck
- Remote control for ironer tape replacement, ironer tapes tensioner with bridge and surveillance.

VEGAROLL S1200

The VEGAROLL S 1200 is our high-end steam heated ironer specially designed for high demanding customers in performance, quality and reliability.

The VEGAROLL S1200 is available in the following executions:

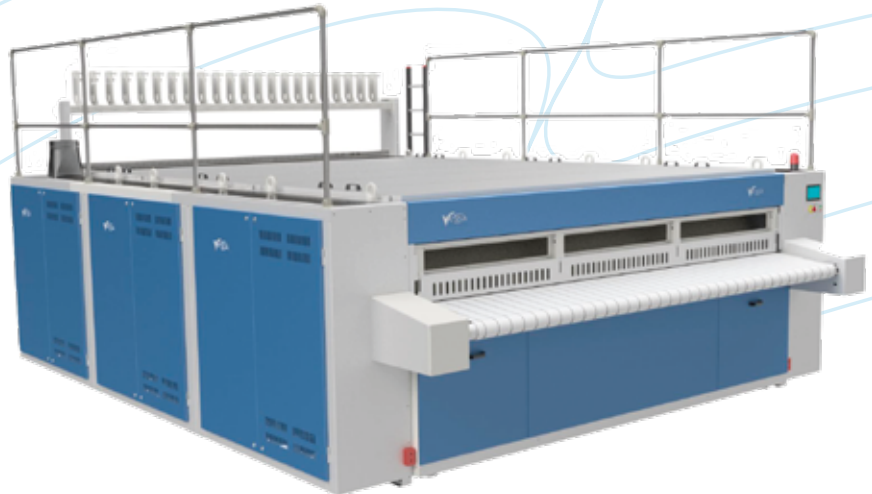
- 2 and 3 roll executions
- 3.000mm, 3.300mm, 3.500mm, 4.000mm and 4.200mm

Main features of the VEGAROLL S1200:

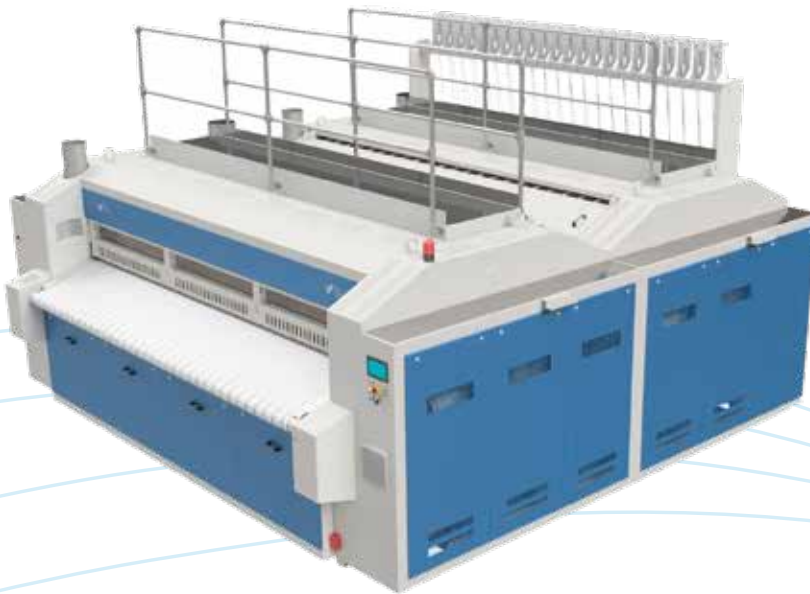
- Special Carbon steel chest design with 4 inlets and 3 outlets
- Motor and gearbox per roll
- Special designed exhaust system adjustable per roll
- PLC control system
- Adjustable pressure on the roll per program
- Ironer tape tensioner, surveillance and remote control for tape replacement.

Options for VEGAROLL S1200:

- Feeding conveyor
- Socket for feeder or folder
- Nomex padding
- Online support



VEGAROLL S AND G 2X1600



The VEGAROLL S and G 1600 is our high-end ironer specially designed for high demanding customers in performance, quality and reliability.

The VEGAROLL S and S and G 2x1600 are available in the following executions:

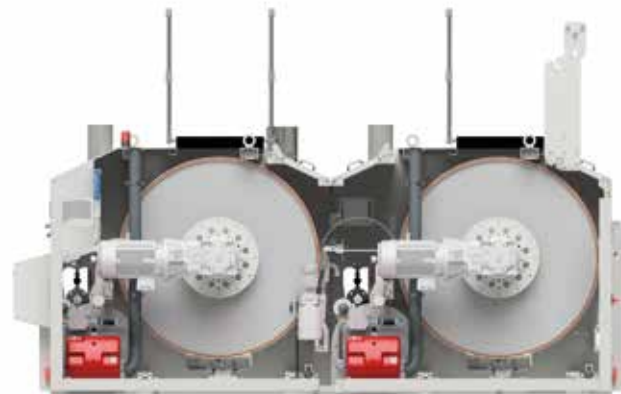
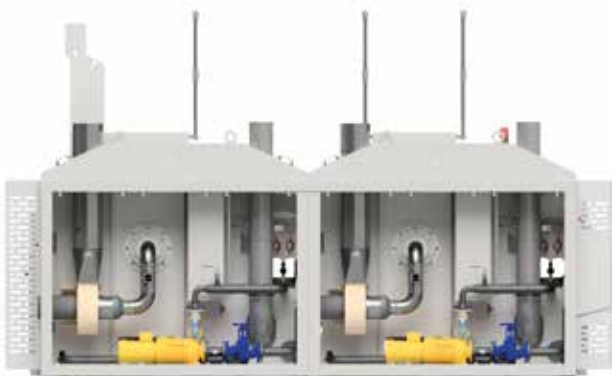
- 3.000mm, 3.300mm, 3.500mm, 4.000mm and 4.200mm

Main features of the VEGAROLL S 2x1600:

- Special Carbon steel chest design with 4 inlets and 3 outlets
- Motor and driver per roll
- Special designed exhaust system adjustable per roll
- PLC control system
- Adjustable pressure on the roll per programm
- Ironer tape tensioner, surveillance and remote control for tape replacement.

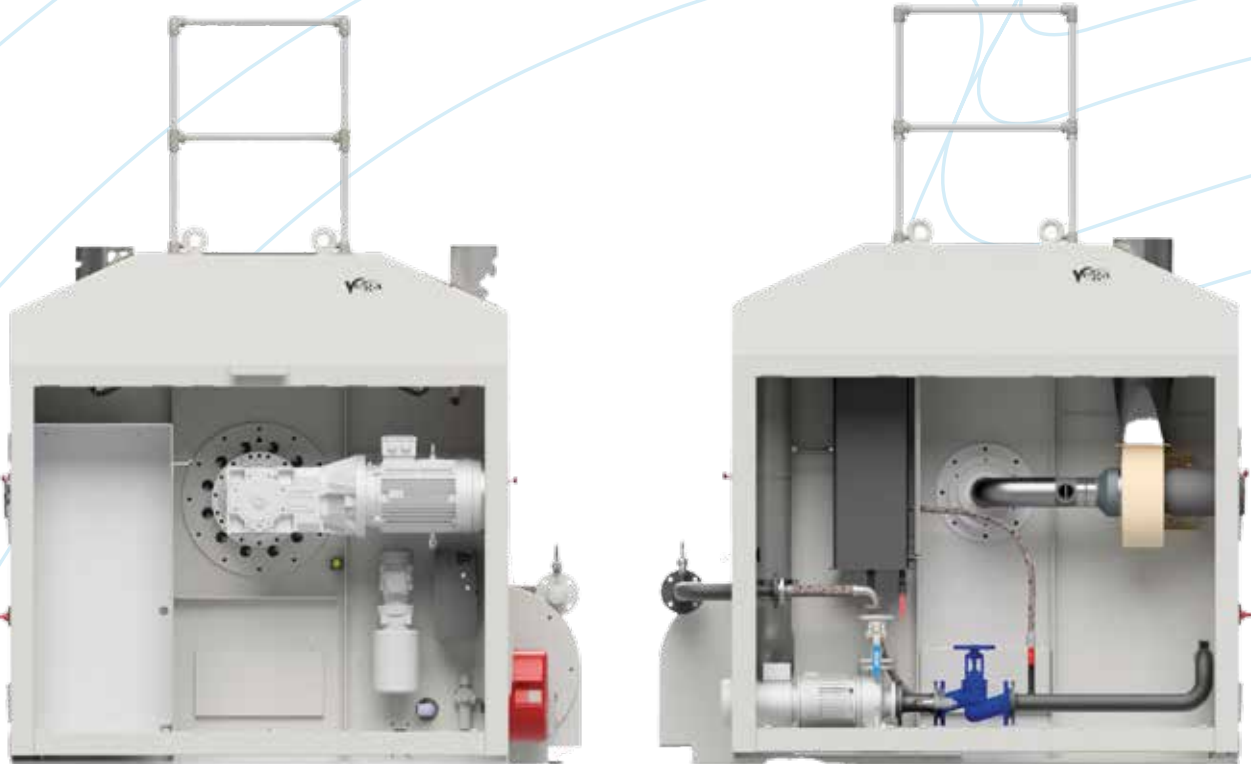
Main features of the VEGAROLL G 2x1600:

- Special Steel flexible chest with laser welded pockets for optimal flow
- Motor and driver per roll
- Special designed exhaust system adjustable per roll
- PLC control system
- Adjustable pressure on the roll per program
- Modulating burner and boiler per roll
- Ironer tape tensioner, surveillance and remote control for tape replacement.



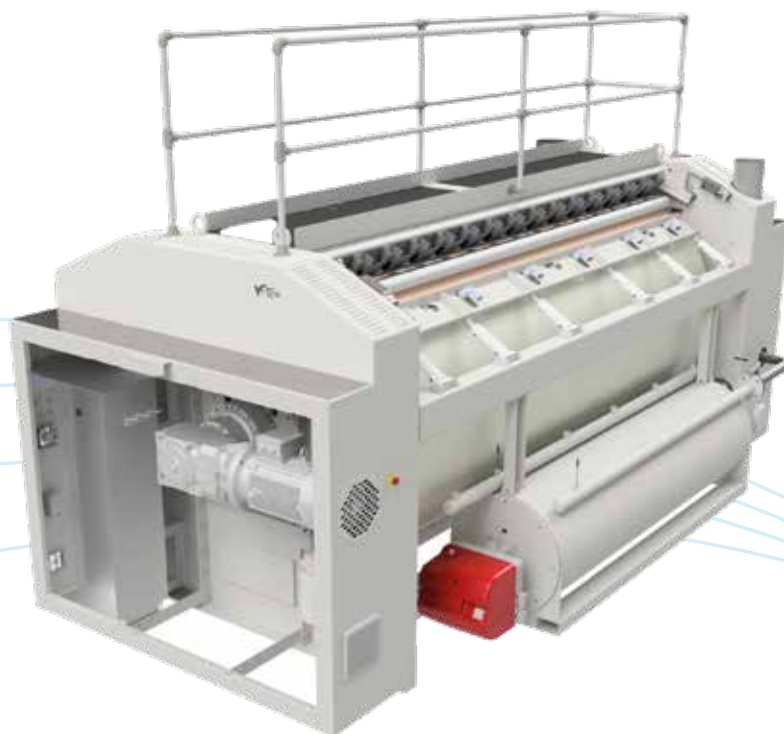
VEGAROLL 1600 275

Designed for high quality in combination with high performance hospitality laundries. The VEGAROLL 1600 275 has two chests of 1200 that cover a roll of 1600 by 275 degrees. With this principle it is possible to have a large ironing surface without the marks of ironing tapes on the linen.



Main features of the VEGAROLL 1600 275:

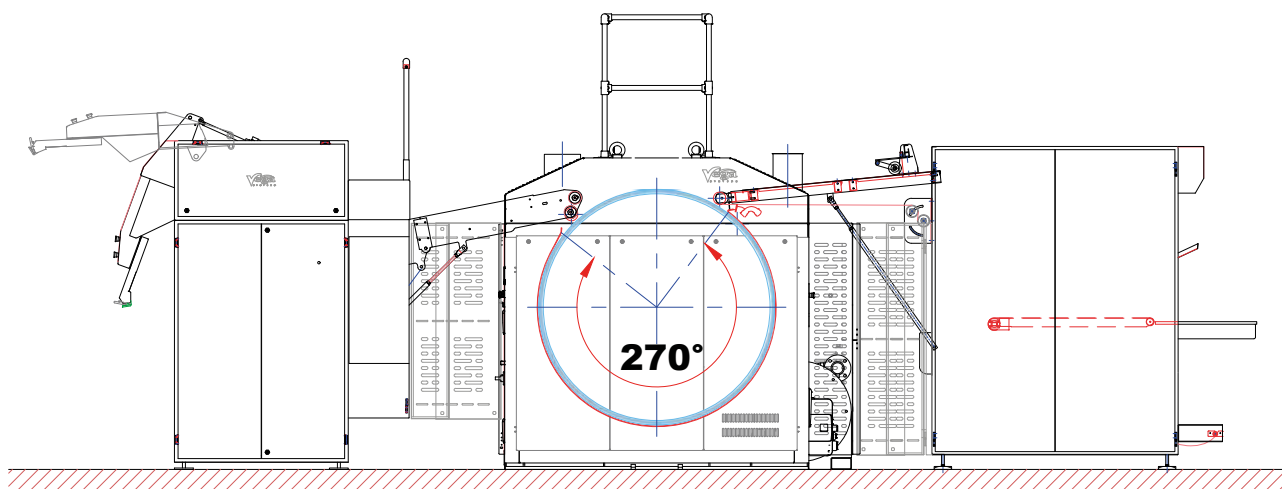
- Available in working widths up to 4.200mm
- Unique design with build in boiler for easy transport and installation
- Roll diameter: 1600 mm
- Hydraulic chest pressure by internal hydraulic system
- 2 x 1200 flexible chest
- Special designed exhaust system
- PLC control system with touch panel
- High performance burner and standalone thermal oil boiler



Working principle

4 hydraulic cylinders are situated on each side of the VEGAROLL 1600 275. These cylinders push the flexible chest simultaneously against the roll with a pre-set pressure. The chest pressure, among others, can be parametrically set on the screen controlled by the PLC system. The parameters within the PLC control system ensure an optimal ironing result.

The drive system of the VEGAROLL 1600 275 is an independent motor with a gearbox and own frequency inverter to generate optimal speed synchronisation between feeder, ironer and folder. The heat in the ironer is created by pumping thermal oil through the system. The oil is heated with a modulating burner and temperatures are controlled within the system using PT100's.



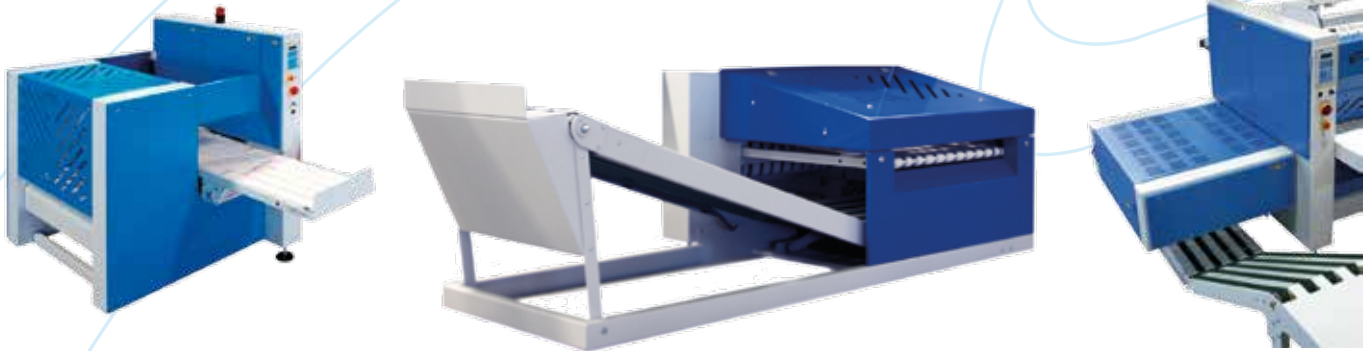
VEGAFOLD

Over 700 units of this compact sheet folder are in operation world wide. With it's modular design the machine is available in a wide variety of executions like:

- Up to 3 lateral folds (in multiple lanes)
- Up to 3 cross folds (single lane)
- Up to 2 cross folds (two lanes)
- Standard working width up to 3.300mm (up to 4.200mm optional)
- Stackers left, right or underneath



The VEGAFOLD makes length folds by air knife. The first cross fold is made by a mechanical knife between driven rollers. The second and third by belt reverse folding in combination with a mechanical knife. This will insure a quality fold and high-end result.



Popular options on the VEGAFOLD:

- Full or Mechanical by-pass
- Multiple lane execution
- Anti-static bar and/or belts
- Additional stackers
- Additional machines for small piece cross folding and/or stacking

The VEGAFOLD is controlled by a stand-alone PLC control system

VEGAFOLD 2S

In the hotel market we see a wide variety of sizes and folding patterns. Therefore we have designed the VEGAFOLD 2S. The machine has a wider cross fold section of 1.000mm. This will make it possible to fold pieces up to 4.000mm with only 2 lateral folds.

Standard the machine is equipped with two stackers inside frame which will make it possible to sort single and double sheets without adding additional footprint.

Main Features:

- 2 lateral folds by air knife (3rd lateral fold optional), like VEGAFOLD
- 3 cross folds
- 1.000mm wide cross fold section
- 2 stackers standard
- Two air pressures for thicker and thinner linen



By adding one more stacker you can even sort up to three sizes on the same footprint as with a normal folder with stacker. For most hotel laundries this will eliminate the handling of manual sorting singles, doubles and king size sheets.

The VEGAFOLD 2S is only available in single lane cross fold execution. Multiple lane lateral folding options are available upon request.



Other popular options:

- Additional stackers
- Camera system
- Mechanical by-pass
- Online support



VEGAFOLD S

The last machine in the VEGAFOLD family is the VEGAFOLD S. This machine gives the laundry maximum flexibility and minimum use of floor space. On the same footprint as a normal folder without stackers you can get a VEGAFOLD S with 4 stackers. On top you can get the machine in single and two lane operation without needing additional space.



Standard Features

- 2 lateral folds by air knives (3 lateral fold is an option)
- Single lane execution up to three cross folds
- First cross fold by knife between driven rollers
- 2nd and 3rd by belt reverse folding in combination with a knife
- Standard working width up to 3.500mm
- Working width up to 4.000mm available with 5 stackers

Working principle

When pieces come out of the ironer they are measured by the photocell and counting wheel on the feeding belts of the folder. After measurement, the piece will fall behind the folder to keep it straight and tensioned before the first lateral fold.

After the first, second and optional third lateral fold items will enter the cross fold section. All lateral folds are executed by air blasts between driven rollers like the other VEGAFOLD models.

The first cross fold is made by knife between driven rollers. The second and third cross fold are made by belt reverse folding in combination with knives.

After cross folding the items are transported between a sandwich conveyor to the stacker deck where there are four drop stackers to sort the different items by length, width or other characteristics if you use a VEGACAM camera system. After reaching the pre-programmed stacking height stacks will be discharged to the table.



VEGA APML

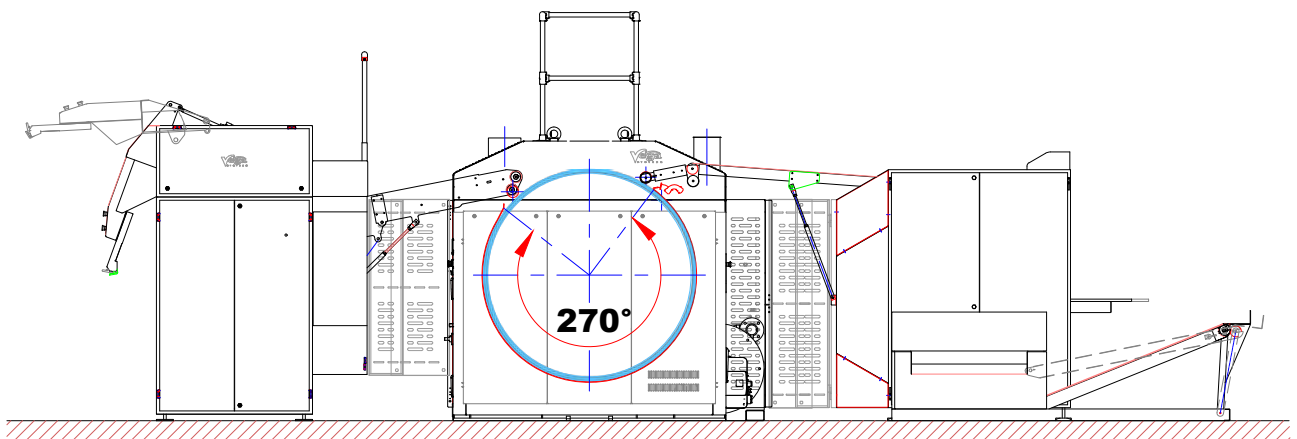
The VEGA APML is a high quality combination folder for big and small pieces. The machine is mainly designed to fold high quality hotel and restaurant linen. Due to the belt reverse lateral folding section it is possible to do an M or French fold. Knife support in the folding section will make sure starched items will be folded as well.

Available in the following executions:

- Up to three lateral folds executed by belt reverse folding
- Up to three cross folds executed by belt reverse folding in combination with knives
- Up to two cross folds by belt reverse folding in combination with knives in two lane execution
- Multiple stacker options
- Working width up to 4.000mm



The VEGA APML is often used as the folder of a combination ironer line for both large and small pieces. In combination with the VEGAROLL 1600 270 and several VEGA small piece stacker options like the VEGA ROLL-OFF or the VEGA AMD you will have a high quality restaurant linen combination ironer line.

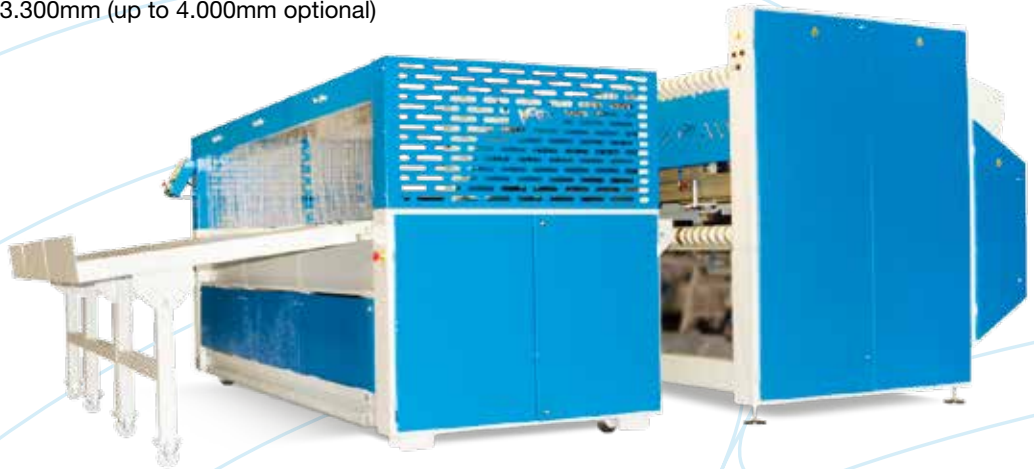


VEGA APM

Compact belt reverse folder designed for small pieces, like: pillow cases, napkins, kitchen towels, etc.

Standard Features

- Up to 2 lateral folds by belt reverse folding
- Working width up to 3.300mm (up to 4.000mm optional)



VEGA AMD

Available as stand alone machine or in-line with a VEGA folder or folder of any other brand. This machine will combine stacking with one cross fold by stack & fold.

- Available with own drive system or driven by VEGA folder
- Several lane executions available
- Working widths up to 4.000mm



VEGA APM S

The high-quality folding machine VEGA APM S provides a compact folding and stacking solution specially suitable for processing small pieces such as pillow cases, napkins, kitchen towels, etc. The VEGA APM S combines multi-lane belt reverse folding with built in stacking. Furthermore the machine can be executed with two stackers per lane which makes it possible to sort different sizes of pillow cases.



Features

- Available in working widths up to 4.000mm
- Compact floor space
- Up to three length folds
- Length folds are executed by belt reverse folding
- Up to six lanes
- Up to two stacking positions per lane
- Automatic sorting on size per lane

Additionally it is possible to use lane coupling and combine different lanes of the VEGA APM S to fold table linen or other large pieces. Of course this is only possible for length folding and items will be by-passed to the exit table.

In combination with the VEGAFOLD-S there is a special execution available with stacking only. This unit can be installed behind the VEGAFOLD-S and makes it possible to fold and stack small pieces as well with this machine.

VEGA ROLL-OFF STACKER

With this all-round stacker it is possible to flat-stack napkins, stack after length folding and/or stack in combination with 1 cross fold. This cross fold is done by roll and fold which makes sure you can fold heavily starched items as well.

- High quality stacker
- Can be installed behind any VEGA folder
- Working width up to 4.000mm



VEGA BLANKET 2S

The VEGA BLANKET 2S is specially designed to process high amounts of full dried big pieces, such as:

- Blankets
- Bedspreads
- Sheets
- Fleece blankets
- And other full dried items



Features

- Height adjustable clipping stations
- Automatic servo controlled spreading system
- Driven spreading belt for optimal quality
- Lateral folds executed by air knives between folding



The machine is equipped with two height adjustable feeding stations, spreading belts and servo controlled spreading clamps.

Due to these features the machine combines a high productivity with a perfect folding quality. The machine can be equipped with multiple stackers for automatic sorting by length. Even a stacker underneath, if the exit is at the rear, the machine is available as an option on the Blanket 2S.

VEGA BLANKET FFS

The VEGA BLANKET FFS is a compact combination of feeder, folder and stacker. This machine is specially designed for blankets, spreads and other large items. The BLANKET FFS combines the spreading system of the VEGA SELECTFEED UNO with the length fold section of the VEGAFOLD.



The cross fold section of the BLANKET FFS is a special design with adjustable cross fold section to make sure thick pieces can be folded. The first cross fold is by knife between adjustable driven rollers. The second cross fold is done by belt reverse folding supported by an air blast. Pass trough of the cross fold section is almost 300mm which makes it possible to fold very large pieces.

Available executions:

- With or without automatic spreading system
- Lateral folds executed by air knives between driven rollers
- Cross fold by knife between rollers and belt reverse folding
- Several drop stacker executions available

VEGA MULTIFOLD S

The VEGA MULTIFOLD S is a folder, sorter and stacker for different sizes of towels, garments, kitchen towels, etc.



All lateral folds are executed by air knives and cross folds are done by belt reverse folding in combination with a knife. After folding items can be sorted to either three or four stackers. Maximum folding length of the items is 2.200mm

VEGA MULTIFOLD SUPER

This high quality folder makes all lateral folds by a mechanical knife over a knife. This ensures a high quality fold with minimum use of compressed air. All cross folds are executed by belt reverse folding.

After folding items will be sorted to one of the stackers.

Available executions:

- VEGA MULTIFOLD SUPER 1.800 with 3 stackers
- VEGA MULTIFOLD SUPER 1.800 with 4 stackers
- VEGA MULTIFOLD SUPER 2.200 with 3 stackers
- VEGA MULTIFOLD SUPER 2.200 with 4 stackers



VEGA MULTIFOLD GARMENT

The latest addition to the MULTIFOLD family is the VEGA MULTIFOLD GARMENT. With this machine it is possible to feed towels on one side of the machine and garments like overalls or over coats on the other side of the machine.

Working principle

The "towel" side of the folder works the same as the the MULTIFOLD SUPER 2.200. So the machine will automatically start when items are placed on the feeding deck. After this items will transported to the length fold section of the folder. In this section the items will be folded by a blade over knife principle. After length folding items will go to the cross fold section where folds will be made by belt reverse folding. From the cross fold section items will be sorted to 4 different stackers.

On the „Garment“ side of the folder the garment are placed against the feeding deck with suction. The machine can either start automatic or by a button. After starting the garment will transported to the garment folding section where sleeves are folded to the back of the piece. After this section items will go in to the normal folding section of the MULTIFOLD GARMENT and can be sorted to 4 different stackers.

This machine is ideal for medium sized laundries who need to process different kinds of items, like:

- Garments
- Overalls
- Over coats
- Towels
- T- shirts
- Trousers
- Bed spreads
- Etc.



VEGA APD 3/2

This machine is mainly designed to fold airline blankets. For this kind of articles it is important they end up to a certain size which can be handled by the airline.

Often these items will not be stacked but packed per piece in plastic. For this particular case we have designed the VEGA APD 3/2 tandem setup where two machines can go together to one packing machine.

Standard execution:

- Up to three lateral folds by belt reverse folding
- Up to two cross folds by belt reverse folding in combination with a knife
- In-line installation possible with packing machine
- Optional drop stackers available



VEGA APD 1/1



In many healthcare facilities a lot of towels are being used. These towels often have a similar size and are packed in bulk. With the VEGA APD 1/1 you can make one primary and one cross fold which can be combined with stacking.

Due to the limited folds the machine can reach over 1500 pieces per hour.

VEGA APD 3/1

The VEGA APD 3/1 is a very versatile machine and can be used for many types of articles. Combining up to 3 primary folds with 1 cross fold makes it possible to fold items up to 2.400mm on a very small footprint.



Standard the machine is supplied on wheels so it is possible to move the machine around when it isn't used. The discharge conveyor can be executed in different varieties, like:

- Back to the operator
- To the back of the machine
- To the left side of the machine
- To the right side of the machine

VEGA APD 3/1 SELECTIVE

With the VEGA APD Selective models it is possible to add additional stackers to the VEGA APD towel folder. By adding stackers it is possible to sort items to different sizes which will eliminate manual handling after folding and stacking.

Adding additional stackers is possible on both the APD 3/1, 1/1 and on the 3/2 you could add additional drop stackers.



VEGA PICKER & BATCH SEPARATOR

Productivity and ergonomics are key factors in modern laundries. Helping operators to make feeding easier will increase productivity and decrease injuries.

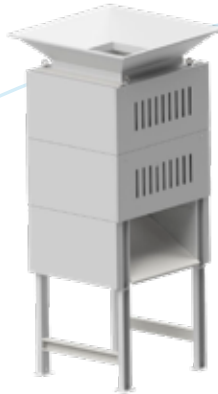
To improve the handling of goods delivered to the operators VEGA has a variety of solutions such as:

- VEGA BATCH SEPARATOR
- VEGA BATCH BREAKER (VEGA PADDLE)
- VEGA PICKER 60 KG
- VEGA PICKER 90 KG

Depending on the specific situation in the laundry we can make a combination of the options above to create a custom solution.

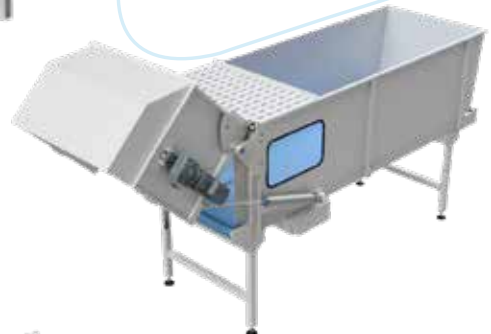
VEGA BATCH SEPARATOR

- Large chute for monorail loading
- Pneumatic controlled flaps will break drop
- By controlling flaps batches can be separated
- Available in combination with picker or as stand alone unit



VEGA BATCH BREAKER

- Conveyor with frequency controlled paddle
- For all sorts of linen, like: towels, garments, sheets, duvets, etc..
- Batch is separated by rotating the paddle in both directions
- Available in combination with picker or as stand alone unit



VEGA PICKER

- Motor driven carrier with 2 or 3 grippers (60 KG 2, 90 KG 3)
- Grippers on carrier pneumatic driven as well
- Full by-pass available
- PLC control system



VEGA CONVEYOR

Increasing productivity with efficient logistics solutions In the past few years, efficiency of internal transportation in laundry facilities has significantly increased. However gains are still possible.



Textile cleaning companies and suppliers continue to search for methods increasing their productivity in order to achieve higher profitability. This production increase is achieved by making logistics processes more efficient and more reliable.

VEGA CONVEYOR is the efficiency solution for the laundry facility a monorail conveyor is a system that makes your internal transport more efficient, ensuring optimal use of space. In addition to the space saved using a monorail conveyor, it also provides a better overview of which items and customers are located where in the laundry. Setting up optimal call-out will achieve perfect flow in your laundry facility. It can help you increase your productivity by 20%!

Buffer lines

Buffer lines are part of the monorail system. In these buffer lines various items can be grouped in different lines. Buffering items will create a lot of floor space. Additionally, it is possible to sort items with a small group of people outside regular working hours. This will create more space and stock. It will also make it possible to start washing and drying outside working hours.

Clean Laundry Monorail

A clean linen monorail will save a lot of space. Another major benefit is direct unloading at the workplace. This creates the option of either process customer by customer or product by product. In this way you can minimize customer and programming changes.

The combination of these features will help you to increase the productivity of your laundry.

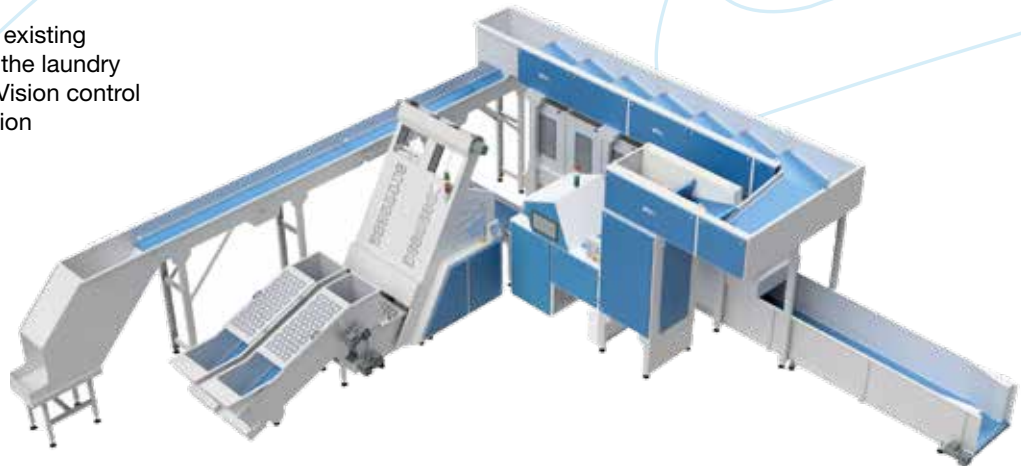
VEGA PICKER X-RAY

The VEGA Intelligent Picker X-Ray and RFID sorting system is a customer designed concept to separate, identify, detect foreign object, and further sort the soiled laundry pieces in the system.

All these tasks can now be performed by a small number of operators who only have to empty the pockets of the garments.

Features VEGA X-RAY:

- No leakage of radiation
- Speed now 1 meter/second
- Source runs at 70% of its power
- Up to 3.000 pieces per hour
- Accuracy of X-Ray:
 - Non recognition < 2%
 - Rejects > 99%
- Communication with existing software package of the laundry
- Integration in VEGA-Vision control software data collection

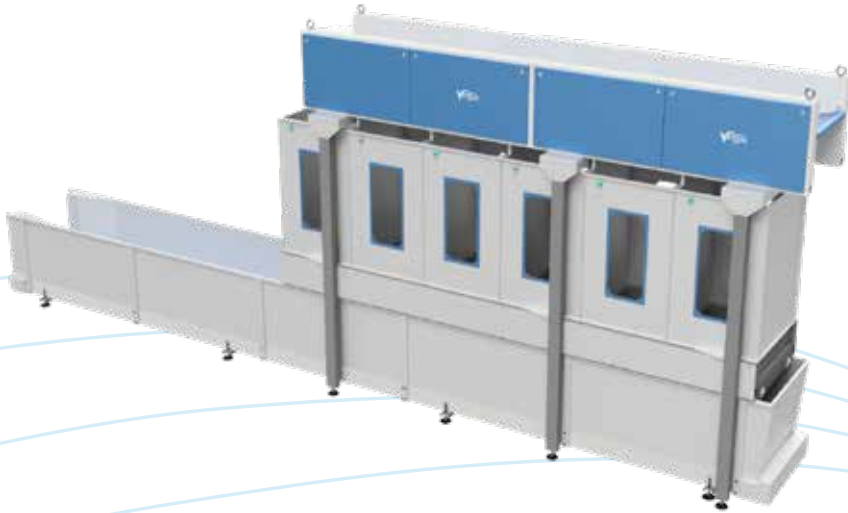


Working principle

The GARMENT PICKER picks up the laundry pieces from conveyor belts and transport them to the X-ray scanner, which detects unwanted objects hidden in the pockets. At the same time, an RFID chip reader registers the garment and determines further sorting in the system.

This item is identified by its RFID chip to allow it to be sorted to the correct customer. Various identification systems are possible.

The X-ray monitors each item and inspects by vision and artificial intelligence in order to identify foreign objects such as pens, razors, scissors, accidentally left in garment pockets. The garments containing foreign objects will be rejected by the system.



The main advantage of this system i.e. reject before washing is:

- Reduction of damages to machines
- Reduction of garments being torn
- Safety for operator

Sorting soiled laundry items to assigned RFID containers goes much faster than manual sorting and is above all more precise.

From this stage, the items can go either to silo's, automatically moved to the monorail system bags without any need of human action.



VEGA WASHER EXTRACTORS



Capacity: 40 – 60 – 80 – 100 – 120 KG

Features:

- Stainless steel drum and shaft
- Uniquely 3D stereoscopic honeycomb-shaped inner drum with perforated lifters
- Permanently lubricated bearings
- Heavy duty suspension system
- 5 removable chemical compartments and 5 hoses for dosing pump
- Mechanical and electrical double door lock and emergency stop
- Heavy duty pneumatic water valves, drain valves and steam valves

Control:

- Full-color touchscreen control offers 50 programs
Freely programmable in multiple languages
- USB connection and networking capability

Optional:

- Forward tilting
- Electric heating, steam heating or dual heating
- Third water inlet
- Second drain

VEGA BARRIER WASHER EXTRACTORS



Capacity: 35 – 60 – 110 KG

Features:

- Clean unloading side separated from soiled side
- Softmount with air bags, springs and shock absorbers
- Stainless steel drum, tub, door and panels
- Permanent lubricated bearings
- Standard control as in VEGA WASHER EXTRACTOR

Optional:

- Automatic weighing
- Programmable logic controller
- 2 pockets for 110 KG

VEGA TUMBLE DRYERS



Capacity: 50 – 100 – 125 KG

Features:

- Reversing stainless steel cylinder
- Painted carbon steel panels
- Super large door with 180° opening
- Heavy-duty door hinge ensures prolonged machine operation
- Inverter drive motor and fan motor
- 3D airflow and heat isolation
- Optional moisture sensor

Control:

- Full-color touchscreen control offers 50 programs.
- Multiple languages
- USB connection and networking

Optional:

- Steam heating / gas heating
- Standard door or sliding door
- Forward tilting for the 100KG slide door models



Capacity: 100 – 125 KG



VEGA KS

Why should you wash and disinfect your sheets and put them in the same trolley in which you transported the dirty linen in? For this reason we developed a range of trolley washers for 2, 3, 4 or 5 trolleys at a time. We also have one model for continuous washing of trolleys.

VEGA KS 2

- Capacity: 2 trolleys per cycle
- Length: 2.400 mm
- Width: 1.200 mm
- Height: 2.210 mm

VEGA KS 3

- Capacity: 3 trolleys per cycle
- Length: 3.100 mm
- Width: 1.200 mm
- Height: 2.210 mm

VEGA KS 4

- Capacity: 4 trolleys per cycle
- Length: 4.200 mm
- Width: 1.200 mm
- Height: 2.210 mm

VEGA KS 5

- Capacity: 5 trolleys per cycle
- Length: 5.300 mm
- Width: 1.200 mm
- Height: 2.210 mm

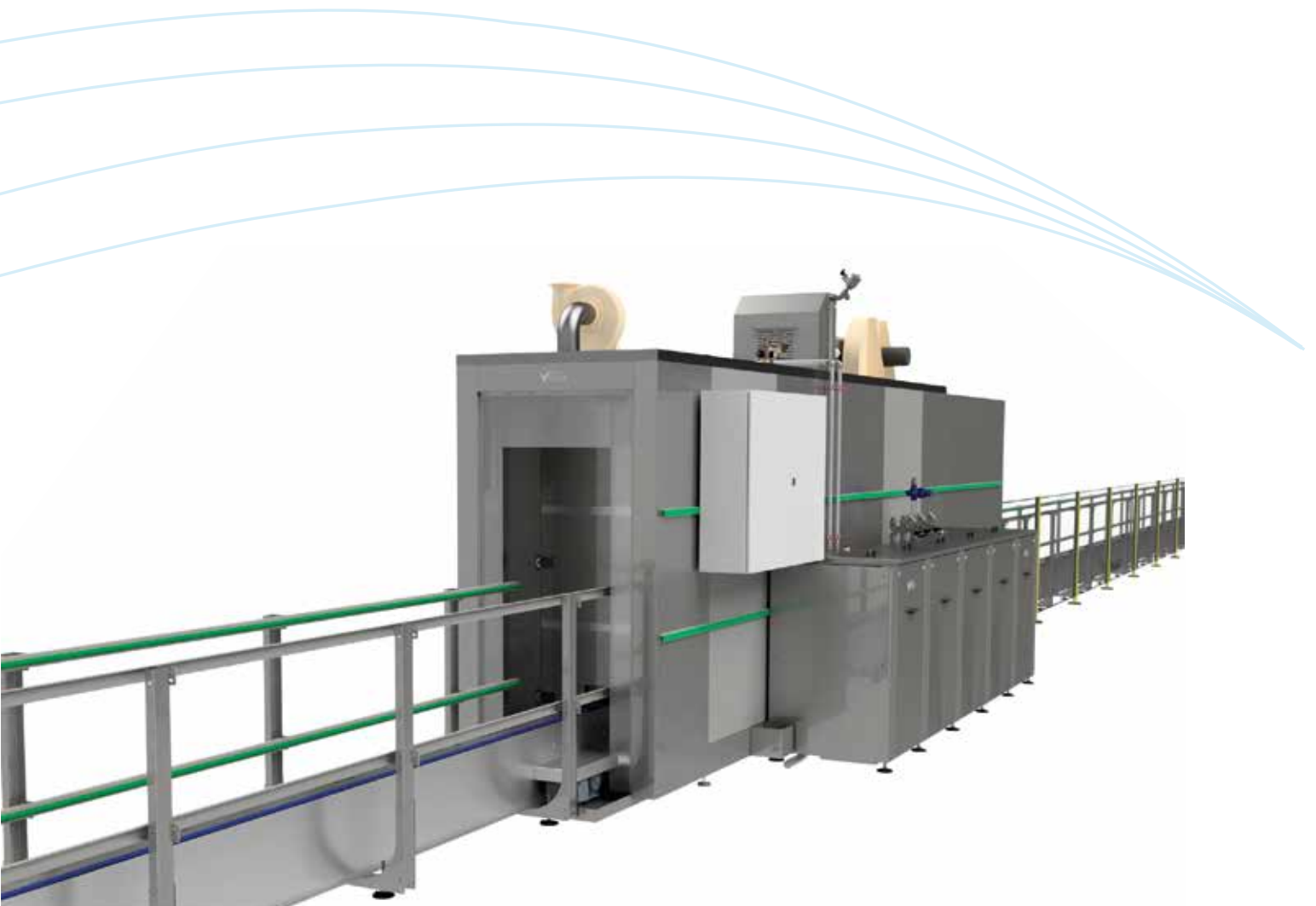


VEGA CONTINUOUS TROLLEY WASHER KSC

For high demanding capacities and environments we also developed a continuous model to wash trolleys.

This machine is available with the following characteristics:

- Automatic transport of the trolleys through the different cycles
- Complete stainless steel machine
- PLC control system
- Water recovery tanks
- Water cleaning system with high pressure pump
- Temperature control by PT100 inside the trolley washer



VEGA SMARTPRESS RP

The first and only press with the same lifetime as a tunnel washer.



Features:

- Unique strong frame design
- Reliable high-speed hydraulic
- Up to 43 bar membrane pressure
- Available sizes: 40, 50, 60 kg

A guarantee for maximum energy saving

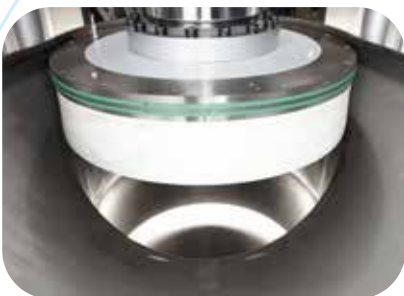
The SMARTPRESS RP has not only exceptional strength and stability, but the specially designed High-Speed Hydraulics provides powerful and fast operation cycles. Weighting 17 tons, the SMARTPRESS RP is easily best in its class.

During operation, the high-speed hydraulics builds up the membrane pressure to 43 bar in only 34 seconds.

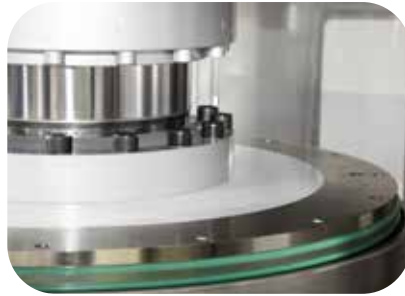
This fast pressure build-up ensures the lowest moisture retention even at very low cycle times.

With a frame design that is built to last

The frame construction of the SMARTPRESS RP is of a unique, robust design to minimize any concentration of stress within the structure. The frame of the SMARTPRESS RP has no "Critical Operational" elements.



High-temperature / pressure resistant light-colored membrane.



The press-plate and membrane are designed for fast and easy maintenance and servicing.



High-precision sensor technology for precise control of the ram position during pressing.

VEGA SMARTDRY DT

SmartDry DT: Pass-trough & suction-loading dryer or a combination of all.

Features:

- Premium dryers
- High efficiency
- Unique burner concept
- 60 and 120 kg available

New Design & Greater Control

The robust one-piece, distortion-free inner drum, fitted with precision drive rings, ensures smooth and long lasting operation. The new design, honeycomb-perforated stainless steel drum, ensures gentle processing of linen, while allowing for effective water evaporation and high air-flow rates through the drum.



VEGA SMARTDRY ST

Features:

- ST DRYERS gas or steam heated
- Standalone or system dryer
- Can be combined with other VEGA DRYERS
- High Efficiency

VEGA Suction loading dryers

VEGA SMARTDRY ST dryers are designed with space in mind, while still keeping the efficiency of our dryers intact.

The dryers use a suction system for loading and an energy saving system to dry the linen.

Pass-through suction dryer with loading on the front side by vacuum suction system.





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