



# VEGAROLL G1200

## VEGA FLATWORK IRONER

### Features:

- Available in 1, 2 or 3 roll execution
- Available in working widths up to 4200mm
- Unique modular design
- Roll diameter 1200mm



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### CONCEPT & DESIGN

Efficiency, Reliability, Quality, Performance and Sustainability were the five keywords for our engineers to focus on when developing the VEGAROLL G1200 gas heated chest ironer.

This range of ironers combines proven chest technology with some smart innovations to improve the efficiency and performance of the ironer.

#### Main features of the ironer:

- 1, 2 and 3 roll executions
- Working widths of:  
3000mm, 3300mm, 3500mm, 4000mm, 4200mm
- Own drive system per roll
- Specially designed exhaust system
- Specially designed high efficient heat exchanger
- Unique chest design



### WORKING PRINCIPLE

On the VEGAROLL G1200 the roll is fixed in the frame and the chest is fixed on one side of the frame.

On the other side of the chest pneumatic cylinders will push the chest against the roll according to the pressure set in the PLC control system. Between the first and second ( and even third ) chest there is a cast iron bridge with a diameter of 600mm to create additional ironing surface.

On each roll the suction is controllable by the PLC control system for an optimal ironing result.

The drive system of the VEGAROLL G1200 are independent motors with gearboxes and own frequency inverters to generate optimal speed synchronization between the rolls.

#### Heat exchanger

For optimal heat control we've designed a special stand alone heat exchanger that will be installed behind the ironer. At the end of the heat exchanger a modulating burner will heat the oil inside the boiler. From the boiler the heated oil will be pumped from the heat exchanger to the chests and bridge.



## QUALITY IMPROVEMENT



With many years of experience in finishing equipment our aim was to develop an ironer, which can be used for all kinds of finishing, such as: Hospital linen, Table linen, including round table cloths and roller towels.

To come get to this point we've invested many years in testing and optimizing our ironer to usage with all types of flatwork. The following features are standard on the VEGAROLL G1200 to get the optimal settings:

- PLC control system with 100 programs for all different settings.
- Independent drive system per roll: For some materials like roller towels and round table cloths you don't want to have any speed variation between the rolls. For other flatwork you do want to have a speed variation between rolls.
- Adjustable suction system: Usually on the first roll you will get most of the moisture so you want to be able to set the suction system per roll and VEGAROLL G1200 even has a exhaust above the bridge.
- Adjustable pressure of the chest against the roll: For some fabrics you want to have more pressure between the chest and roll which is adjustable per program
- Highly efficient heat-exchanger with modulating burner to create an optimal ironing temperature for all kinds of Flatwork.

## TECHNICAL SPECIFICATIONS



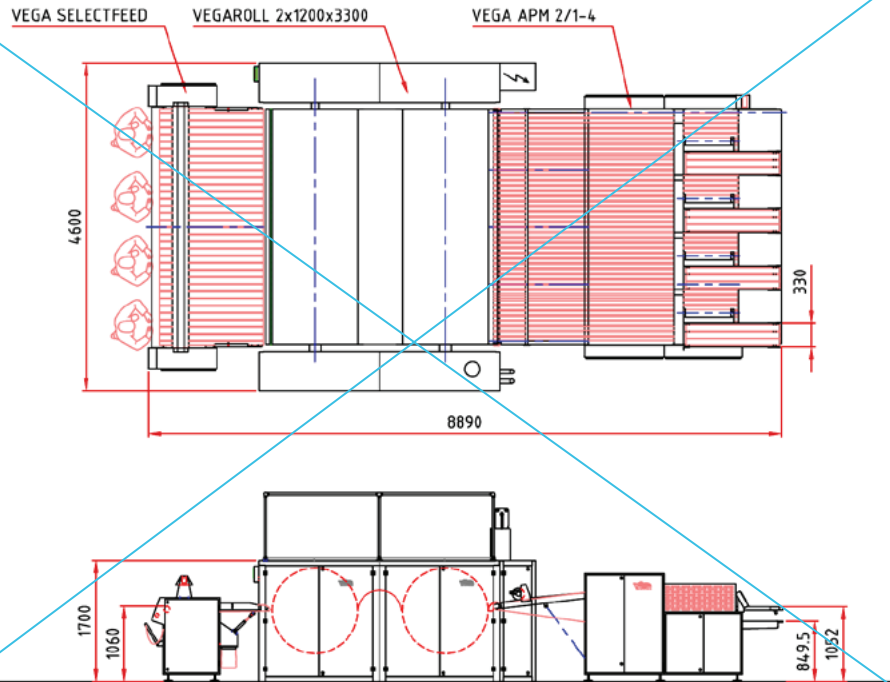
- Solid, simple and reliable construction
- Rigid thick steal chest with fixed roll
- Independent drive system per roll adjustable
- Adjustable pressure from chest against the roll
- Adjustable suction per roll
- Available in 1, 2 and three roll execution
- Working widths up to 4200mm
- Highly efficient heat exchanger



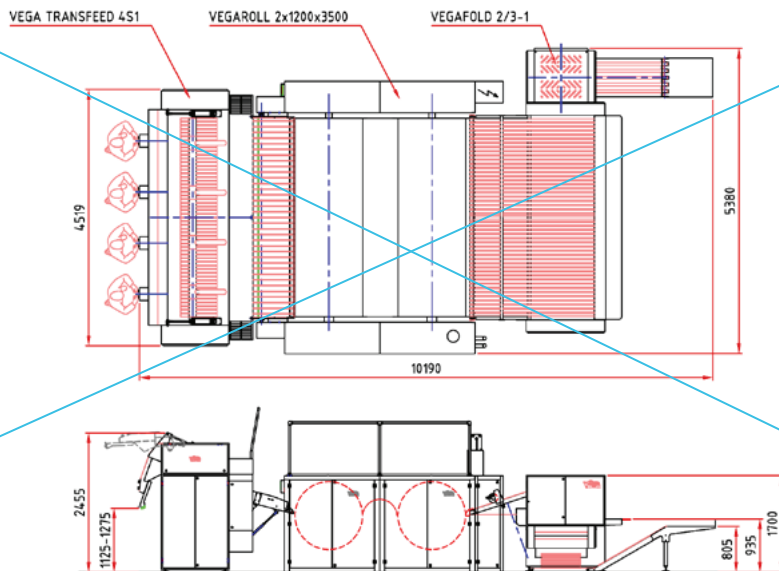
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## SITUATION DRAWINGS

Vega Selectfeed with VEGAROLL 2x1200x3300 and Vega APM ww3300



Vega Transfeed 4S1 with VEGAROLL 2x1200x3500 and Vegafold ww3500



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