



Think  
ahead with  
**poultry**  
people

Complete solutions for **Breeders**

# Think ahead with **poultry people**

It started more than 30 years ago with one man's breakthrough development for breeder housing: the first automatic breeder nest design. An innovation that characterizes the Vencomatic Group of today. We look for alternative solutions, developing sustainable and poultry friendly systems. The Vencomatic Group has over 350 committed employees who serve thousands of customers worldwide. Our poultry professionals know what it takes to run a successful breeder farm. And we happily share this knowledge to help you make your business a success.

***We've been there, challenge us!***

## Index

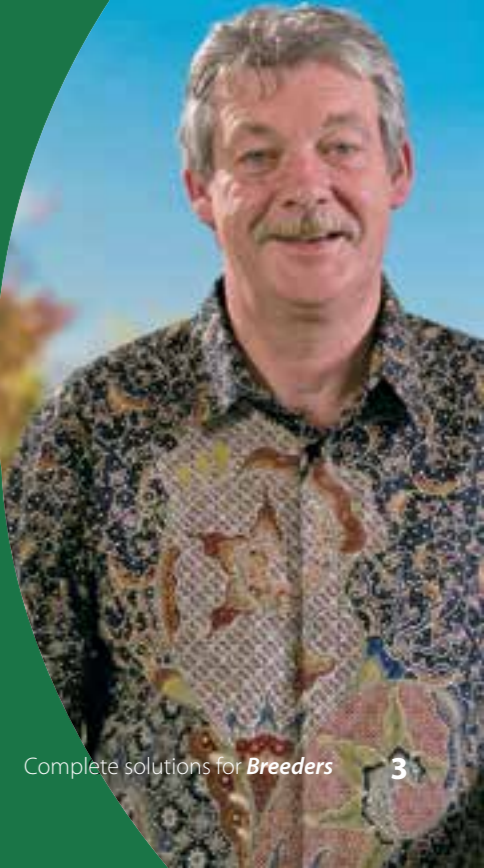
*Vencomatic*  
**Housing equipment** page 4-9

*Agro Supply*  
**Climate control** page 10-11

*Prinzen*  
**Egg handling** page 12-14

*"A hen has the natural desire to breed. To enhance her chance for offspring she will look for a safe, clean and sheltered place to lay her eggs. She will demonstrate this same behaviour in a breeder house. For successful hatching egg production it is therefore essential to create the conditions that allow this behaviour. This is what we do at the Vencomatic Group."*

**Wim Peters** - Breeder specialist Vencomatic Group





# Collect **top quality** hatching eggs

More than 30 years of experience have enabled Vencomatics poultry professionals to design nest systems that perfectly match the needs of breeding birds. With our range of nest systems we equip breeder houses all over the world.

All systems are designed using smart Vencomatic innovations including the Vencomat, the tipping floor and the egg belt. With these innovations you collect your hatching eggs in perfect condition.

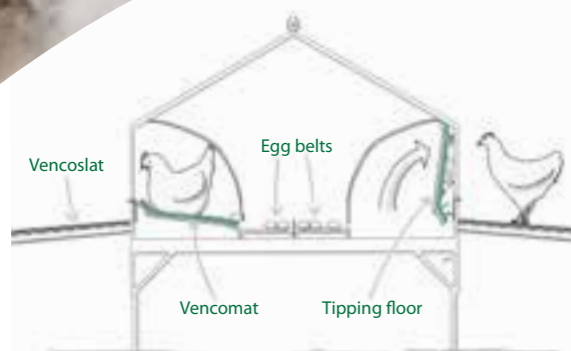
Vencomatic nest,  
your key to  
success

## Our nest range

Reliability is the key to success for the nests of Vencomatic. For over 30 years, all around the world our customers collect perfect hatching eggs with our breeder nests. All nest types are equipped with the unique Vencomatic innovations that were developed with one goal in mind: to maintain the perfect condition of the egg after laying. Vencomatics Classic Nest has successfully proven itself over the years. It is a robust nest that requires low maintenance through the use of durable materials. Because the nest is available in several configurations, any farm layout can be equipped with the Classic Nest.

The success of our Classic Nest continued with the development of the Grando Nest. As can be expected from the name this is a more spacious nest, offering a solution for the bigger broiler breeders of today. The nest has a wide entry that makes it easily accessible for the birds, resulting in a maximum nest acceptance. The smart nest design ensures quick assembly, easy access to essential elements for maintenance, and thorough cleaning.

	Classic Nest	Grando Nest
Egg belt:	center belt or side belt	center belt
Number of tiers:	1 or 2 tiers	1 tier
Type:	single or double	single or double



### Vencomat

The Vencomat provides a soft and comfortable nest flooring in all Vencomatic nests. Its unique small pins minimize contact with the egg, resulting in minimal contact with dust and dirt. The special design of the pins facilitates a gentle roll of the egg towards the egg belt. The open structure of the Vencomat allows dust and dirt to easily fall out when tipping the floor. It provides a perfect clean environment that forms the basis for collecting first class hatching eggs.



### Tipping floor

All Vencomatic nests are equipped with a unique tipping floor. The floor is used to automatically expel birds from the nest after laying, preventing broodiness and soiling of the nest. The perfect angle of the floor in combination with the structure of the Vencomat ensures a smooth roll onto the egg belt. When tipping the floor, dust and dirt fall out due to the open structure of the Vencomat, assuring a clean nest throughout the life of the flock.



### Egg belt

Vencomatic nests have integrated egg belts to automatically bring the eggs to the front of the house. The unique feature of the belt is the square shape of the holes. These holes hold the egg preventing it from further movement. This way there is minimal contact between the belt and the eggs which secures the quality of the egg.



### Vencoslat

Vencomatic was the first to recognize the importance of a hygienic and welfare friendly slat for poultry. Today Vencomatic has over 30 years of experience with plastic slats in breeder houses and supplies different slat types for the rearing phase and for various production systems. The open structure of the slat allows manure to easily fall through. The strong and stable Vencoslat has a long life-span and withstands all climate conditions.





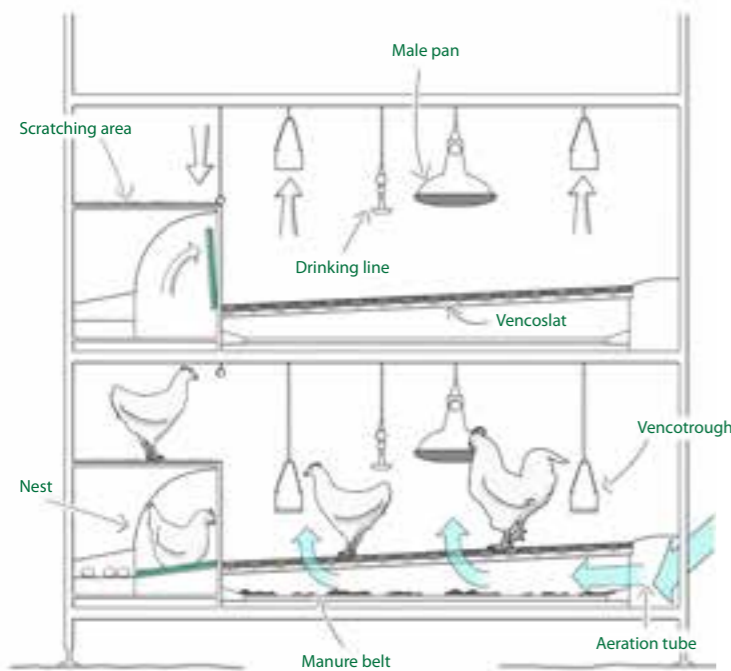
## Veranda Breeder

The Veranda Breeder is a multi-tiered group housing system for breeders. Birds are housed in groups assuring a uniform distribution of males and females and reducing stress within the flock. While using vertical space, the Veranda breeder departs from the conventional floor design, increasing the number of birds for the floor area used. Combined with a high level of automation, this enables the farm manager to manage high numbers of breeders.

The plastic slatted floor provides a perfect hygienic setting for valuable hatching egg production. Its open structure allows manure to fall through keeping a hygienic environment and preventing birds from bringing manure into the nest. Large aeration tubes are positioned between the manure belts and the slats, providing fresh air at bird level and onto the manure belt to dry the manure. This reduces dust and the emission of ammonia to an absolute minimum improving the air quality in the house. In combination with the Clima+ unit of Agro Supply you can fully control the climate and guarantee a healthy environment for both the workers and the birds.

The system integrates:

- Laying nests;
- Manure belts;
- Manure belt aeration;
- Feeding and drinking lines;
- LED light;
- Scratching area (optional)



## Veranda Manager

Complementary to the Veranda Breeder is the Veranda Manager, a small user friendly touch screen computer. It allows you to manage and automate the daily procedures, such as operating the nests, lighting, feed and drinking lines, egg belts, etc. The Veranda Manager interface provides one clear overview of all active processes in the house.



## Vencobelt

Eggs can be transported from different nest rows or houses to a central location with the Vencobelt. The belt is designed for gentle handling of eggs. It is available in 40 and 55 cm widths and meets capacities up to 45,000 eggs per hour. The smart design of the carriers and smooth connections of the belt allow a slope up to 35 degrees and corners up to 180 degrees. Furthermore only one drive chain is integrated making the belt flexible in its application, allowing a 90 degree corner on a single square meter.





Unique simultaneous feed distribution



## Vencopan Breeder

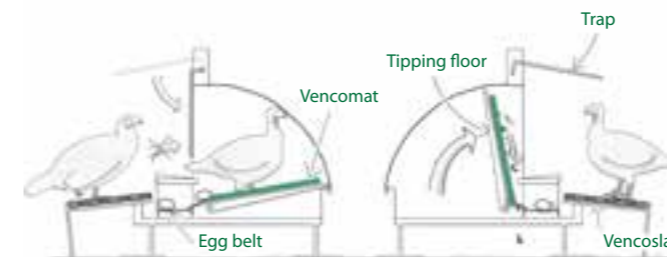
Simultaneous feeding in equal portions is the major benefit of the Vencopan Breeder. All birds get access to feed at the same time, strongly reducing stress in the flock during feeding time. Feed is first distributed to a buffer in the top of each pan. When all buffers are filled, the system opens and delivers the feed to the birds. The coin chain system prevents demixing of feed and the distribution of small portions keeps birds from selective eating. These features optimize the uniformity in your flock, since all portions of feed contain an equal amount of each ingredient. The adjustable ring on the female pans prevents males from eating with the females.

The feeding pan for rearing birds is based on the same principles as the pan for adult birds. Additionally the rearing pan has a flexible bottom which makes it possible to lower the pan providing small chicks easy access to the feed. The grill design prevents young chicks from staying in the pan, and gives each bird an equal feeding space.



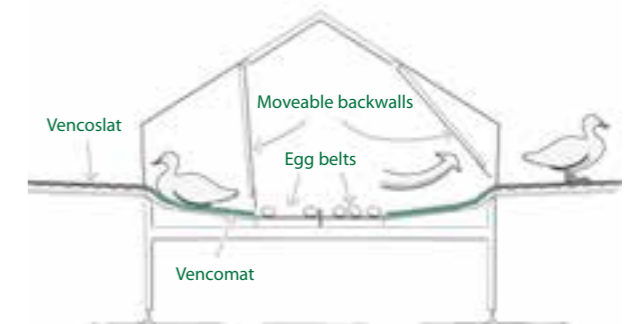
## Turkey Nest

Turkeys require large and robust nests that can withstand the strength of these animals. In 1986 Vencomatic developed an individual nest especially for turkeys and has a leading position ever since. The use of durable and strong materials in combination with the specifically to turkeys adapted design, form the base for the worldwide success of this nest. Through use of the proven components like the Vencomat, tipping floor and egg belt, the quality of the hatching eggs remains perfect. A unique feature of the Turkey Nest is the trap mechanism. The trap only closes after a bird has entered preventing a second bird to enter the nest. In open position young birds will therefore easily explore the nest and quickly accept it.



## Duck Nest

Vencomatic was the first to enter the market with an automatic nest for ducks. The Duck Nest is designed for the unique needs of water fowl, while still implementing the proven innovations of our poultry nests. The moveable back wall is used to automatically expel birds from the nest after laying, preventing broodiness in the birds. The eggs gently roll onto the central egg belt ensuring the quality of the eggs.



## Vencotrough

The Vencotrough is a robust chain feeding system for breeder hens. It is equipped with a winching system. By winching the trough you create more space for birds to mate and optimize the accessibility of the nests. The distribution of feed takes place when the troughs are winched. The large capacity of the trough facilitates fast distribution. Once the feed is distributed the trough is lowered and the birds can start eating thus providing all birds feed access at the same time. The grill on top of the trough prevents males from eating with the females.





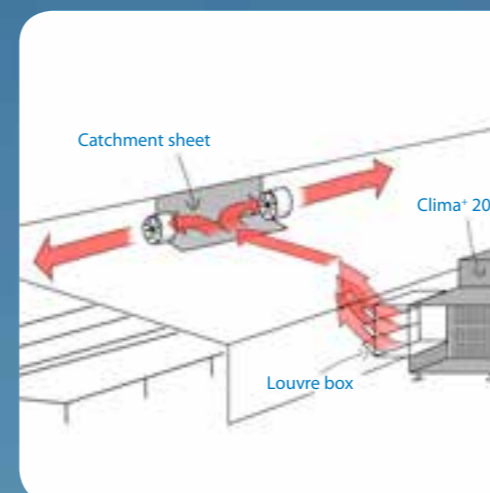
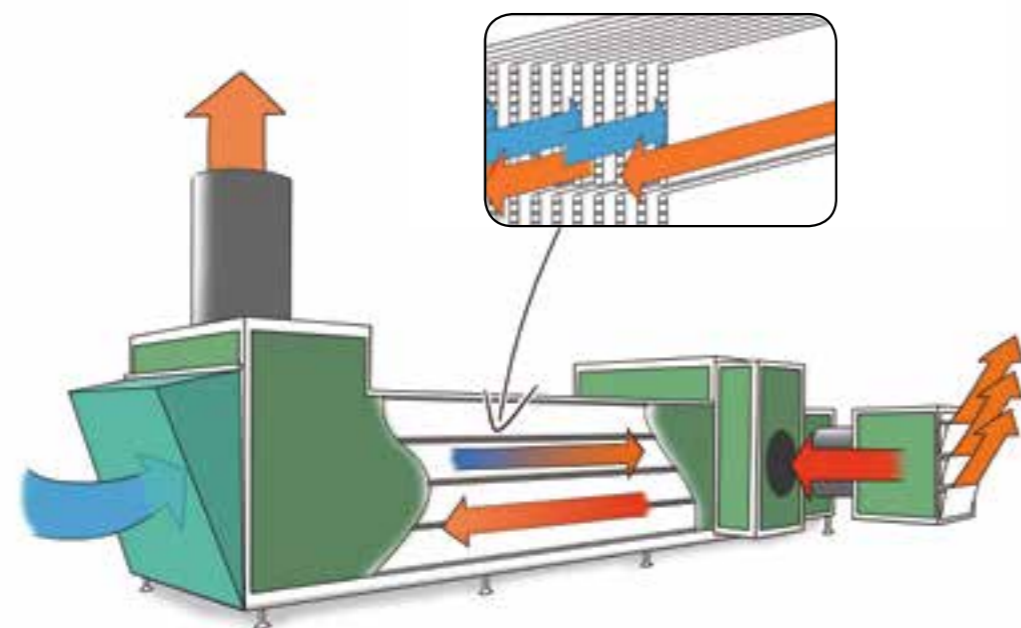
# Full control over the climate in your breeder house

A healthy climate is an absolute must to achieve optimum performance from your birds but controlling the climate in a breeder house can be a real challenge. The climate specialists of Agro Supply offer you the best solutions to create optimal conditions for animals and humans in a profitable way.



## Clima+ concept

The Clima+ concept allows you to fully control the climate in your breeder house in all weather conditions with an optimal use of energy. For this concept we use the Clima+ 200 heat exchanger to heat up fresh air from outside with warm air taken from inside the house. Along with the heat exchanger's high thermal efficiency of up to 80%, the use of the preheated air is further optimized by its distribution via the Louvre system. Intelligent software governs this technology and was developed based on a thorough understanding of climate control in poultry houses. Therefore we get the utmost of our equipment resulting in substantial savings in heating costs and a reduction in CO<sub>2</sub> emissions. With the Clima+ concept you create a perfect and constant climate in the house resulting in optimal litter quality and low ammonia emissions.



## Louvre system

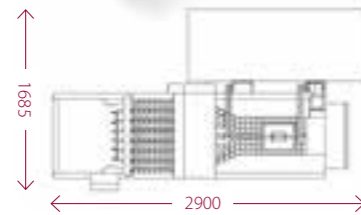
The Louvre system is part of the Clima+ 200 concept. The preheated air from the heat exchanger is brought directly into the breeder house through a Louvre box. This warm air is projected towards the roof, where it is caught in the catchment sheet. From here the circulation fans spread the air throughout the house. This ensures an even temperature and uniform climate throughout the entire house.





# Perfect **points down** setting

With over 30 years of experience, Prinzen is the market leader in hatching egg setting machines. Every day over 30 million hatching eggs are carefully handled and set by Prinzen machines worldwide. Our unsurpassed points down setting rate of 99.7% maximizes the hatchability of your eggs. Throughout the whole process, from egg belt to setter tray, the eggs are treated with great care. Setting machines of Prinzen will offer you the best solution for automated egg handling at your breeder farm.



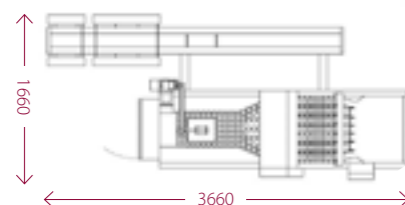
## Ovoset

The Ovoset is the perfect solution for accurate setting of hatching eggs directly onto setter trays. Herewith you strongly reduce manual labour while retaining the quality of the eggs. Hatching eggs are positioned point down and gently placed onto a setter tray with Prinzens egg transfer system. The Ovoset handles virtually all types of setter trays. It is a semi-automatic setter machine, with the trays placed manually. Its compact design fits in every egg room.

For all  
types of  
setter trays

## PSPC egg setting machine

The Prinzen PSPC series takes automation of hatching egg setting one step further. Setter trays are automatically fed and brought into position. The Prinzen egg transfer system lifts and places eggs gently onto the trays. The PSPC machines have a capacity of up to 22,000 eggs per hour depending on the type of setter tray. This allows you to reduce labour time, while still maintaining egg quality. The compact machine offers a good overview, allowing you to observe the eggs throughout the complete process. The machines are easy to operate. The stainless steel construction and service accessibility make cleaning quick and easy. There are two types, the PSPC 5 and PSPC 7. The PSPC 5 sets onto trays with a parallel matrix. The PSPC 7 gives you even more flexibility handling both parallel and offset matrix trays, which makes it unique in its kind. Both machine types also process 30 cell cardboard and plastic trays.



### Points down setting

Prinzen setting machines are world renowned for their unsurpassed points down setting of 99.7%. An accurate points down setting of hatching eggs onto setter trays improves the hatchability resulting in more saleable chicks.

### Egg transfer system

Eggs are gently transferred from the egg setting machines onto setter trays with a unique low pressure vacuum transfer head. The transfer head lifts eggs and places them carefully onto trays. Through the adjustable vacuum transfer heads you can place eggs in different tray patterns.

### Egg coder

Egg coding systems are available for all our packers. The egg coding systems offer an effective method for coding each individual egg at minimal costs. We offer two methods for coding eggs: the Ovoprint and the Egg flex stamper.

- The Ovoprint uses the proven inkjet technology offering high quality egg coding. The print head adapts itself to each individual egg height resulting in constant coding quality, day after day. Over 200,000 eggs (one line of maximum 16 characters) can be coded per ink cartridge, keeping operating costs to a minimum.
- The Egg flex stamper uses flexible rubber heads to gently stamp the code onto the eggs. This proven technique ensures a constant high quality. A rubber head has a stamp size of Ø 17mm which fits maximum 3 lines with 17 characters and can stamp over 250,000 eggs.



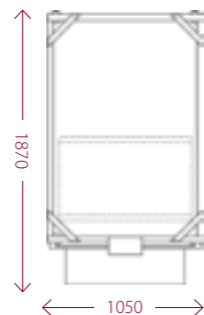


## Electronic egg grader

Grading hatching eggs results in a better uniformity among hatching eggs and thus optimizes the uniformity of day-old chicks. The Prinzen egg graders are known for their accuracy and user friendliness. The egg grader is positioned between the egg belt and the egg setting machine and grades eggs into predefined weight classes. Non-hatching egg sizes are separated and routed automatically to the hand pack table. You can easily keep track of the performance of the flock with the touch screen computer that visualises statistical information such as laying percentage, percentage of eggs per weight class, and uniformity graphics.

## Trolley Loader

The Trolley Loader completes the automatic egg packing process. It substitutes the heavy and repetitive manual placing of setter trays into trolleys. Thereby it enables you to increase productivity and save you time while guaranteeing a careful handling of the setter trays. The capacity of the Trolley Loader can easily handle the flow of eggs from the Prinzen egg setting machines. The compact design requires a minimum amount of floor space.



# Venco Campus Home of Poultry Innovation

What suits a team of poultry people better than an egg shaped building? We are accommodated in one of world's most sustainable buildings: the Venco Campus. This building reflects our mission of being the number one global player for sustainable, poultry friendly systems.

The Venco Campus serves as an international knowledge and innovation center for the poultry industry. We strongly believe in open innovation through collaboration. Your experience is of great value to us and we invite you to come and explore what poultry innovation can offer you. **Together we bring the poultry sector to the next level.**







### Vencomatic Group

**Visiting address:**

Venco Campus  
Meerheide 200  
5521 DW Eersel  
The Netherlands

**Postal address:**

Vencomatic Group  
P.O. Box 160  
5520 AD Eersel  
The Netherlands

Phone +31 (0)497 517380  
Fax +31 (0)497 517364  
info@vencomaticgroup.com  
**www.vencomaticgroup.com**

### Agro Supply

**Visiting address:**

Venco Campus  
Meerheide 200  
5521 DW Eersel  
The Netherlands

**Postal address:**

Agro Supply  
P.O. Box 160  
5520 AD Eersel  
The Netherlands

Phone +31 (0)497 518972  
Fax +31 (0)497 513613  
info@agrosupply.com  
**www.agrosupply.com**

### Prinzen

**Visiting address:**

Prinzen  
Weverij 18  
7122 MS Aalten  
The Netherlands

**Postal address:**

Prinzen  
P.O. Box 85  
7120 AB Aalten  
The Netherlands

Phone +31 (0)543 490060  
Fax +31 (0)543 476205  
info@prinzen.com  
**www.prinzen.com**

### Vencomatic

**Visiting address:**

Venco Campus  
Meerheide 200  
5521 DW Eersel  
The Netherlands

**Postal address:**

Vencomatic  
P.O. Box 160  
5520 AD Eersel  
The Netherlands

Phone +31 (0)497 517380  
Fax +31 (0)497 517364  
info@vencomatic.com  
**www.vencomatic.com**

**Vencomatic do Brasil Ltda.**

Rua Justino Tavares de Toledo 401  
Bairro do Salto, Socorro  
13960-000 São Paulo  
Brazil  
Phone +55 1938553242  
vencomatic@gmail.com

**Vencomatic Ibérica S.L.**

Poligono Industrial  
Mas de Les Ànimes  
C/ Guerau de Liost 7  
43206 REUS (Tarragona)  
Spain  
Phone +34 977331908  
info@vencomatic.es

**Vencogroep Asia Sdn Bhd.**

Level 2, Tower 1  
Avenue 5  
Bangsar South City  
Kuala Lumpur 59200  
Malaysia  
Phone +66 86 60 38 100  
info@vencoasia.com

**Venco China (Wuxi) Poultry  
Equipment & Trade Co., Ltd.**

Xinda Road 28-3-8, Singapore  
Industrial Park, Wuxi New District  
214028, Jiangsu Province  
China  
Phone +86 510-85293355  
info@vencochina.com

Your local Vencomatic Group partner: