



Think
ahead with
poultry
people

*Complete solutions for
table egg handling*



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Think ahead with **poultry people**

Prinzen is a recognised name in the field of egg handling. We offer complete solutions; from simple on-farm egg packers to complex egg & tray handling systems for hatchery applications. Through our world-wide dealer network, we offer high quality equipment with a second to none after-sales service. Since 1999 Prinzen has been part of the Vencomatic Group, owned by the Van de Ven family. The group offers a full range of innovative systems for equipping modern poultry farms all over the world.

With ongoing innovations and customer consultation, we offer the perfect egg handling solutions for a wide variety of processes!

"The layer market is growing worldwide, thus it's a good opportunity for Prinzen to share our knowledge about table eggs packing process. As an innovative company, we constantly develop profitable high quality products, for an effective egg handling. Prinzen machines are time saving and easy-to-use, it allows you to spend more time on leading your business. Our equipment is the right solution for you!"

Edwin Vaags

Business Development Manager, Prinzen



Efficient and **gentle** handling of table eggs

For the table egg market a special range of machines has been designed with the keywords: simplicity, compactness and safety in mind. These machines combine careful handling with speed, making the collection of table eggs quick and easy at any size farm.

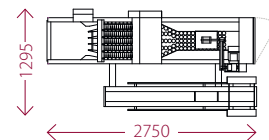
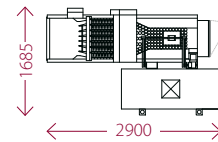
Quick and easy farm packing

Farm packers

The **Ovopack** offers semi-automatic packing. Manual labour is therefore reduced while safeguarding the quality of the eggs. The machine positions the eggs point down. Then a vacuum egg transfer unit places the eggs on a paper or plastic 30 cell tray.

The **PSPC 30** is used for packing table eggs onto 30 cell trays. Gentle egg handling, ease of use and the point down correction are the key features of this packer. With the PSPC30 you will enjoy the egg counters. Low energy consumption and operational costs ensure a quick return on investment.

- Reduces manual labour;
- Gentle egg handling;
- Easy operation;
- For all types of 30 cell trays.



	Effective capacity	Machine footprint	Installed power
Ovopack	12,000 eggs / hour	L x W = 2900 x 1685 mm	1.2 kVA
PSPC30	18,000 eggs / hour	L x W = 2750 x 1295 mm	1.6 kVA



Tray stacking

To further automate the process of egg packing, trays can be stacked with our semi- and fully automatic stackers.

	Effective capacity	Installed power
Easystack	17,000 eggs / hour	0.33 KVA
PS4	40,000 eggs / hour	0.50 kVA



Easystack

The Easystack is integrated in the output conveyor of the PSPC 30 packer. The automatic tray stacker maximizes the capacity of the packer. This leaves you more time for inspecting the eggs.

- Semi-automatic stacker;
- Maximizes automation of egg packing;
- Compact design.



PS4 Traystacker

The automatic tray stacker is positioned on the output side of the egg packer and offers an effective tool for stacking a variety of 30 cell trays with up to six trays per stack. Additional buffer conveyors for stacks are available, including 90° and 180° curve conveyors.

- Fully automatic;
- Uniform stacks of six trays;
- Fits any egg room configuration.

Smartpack

Clever and accurate

A Smartpack makes the daily tasks in an egg room effortless. It is cleverly designed, it safeguards the quality of your eggs and it can manage high capacity demands.

Clever design - The Smartpack is designed in an ingenious way. Its configuration can be adjusted to fit your egg room and create an overview of the complete packing process. Essential parts of the machine are easy to reach and make it easy to operate and clean.

Individual egg handling - Safeguarding egg quality is a key priority of our packers. Egg orientation, point down setting and transfer to the tray with vacuum lifters ensure optimum individual egg treatment and quality of the entire packing process.

Twin configuration - To meet the demand of a higher capacity we offer the Twin set-up. This configuration contains two Smartpacks and doubles the capacity to 60,000 eggs per hour. Both units are autonomous, in that way you can control each unit independently from the other.

	Effective capacity	Machine footprint	Installed power
Smartpack	30,000 eggs / hour	L x W = 3600 x 1455 mm	1.8 kVA
Twin set-up	60,000 eggs / hour	L x W = 7640 x 3400 mm	3.6 kVA





Egg coding

Prinzen egg coder systems are available for all our packers. We offer two high quality methods for coding individual eggs at minimal costs. Cartridges using approved food grade ink are available in different colors. The quality of coding leaves nothing to be desired : just perfect !



Ovoprint

- Perfect imprint due to adjustable print heads;
- Easy cartridge exchange;
- Minimal ink consumption;
- Maximum uptime, simple and fast cleaning;
- Print field: max. height 4.8 mm / length 25 mm.



Ovostamp

- Proven stamping technology;
- Gentle code stamping using a flexible rubber head;
- Fixed print texts (number, text, logo);
- Stamp size of Ø 17 mm which fits maximum 3 lines with 17 characters.



Speedpack 110

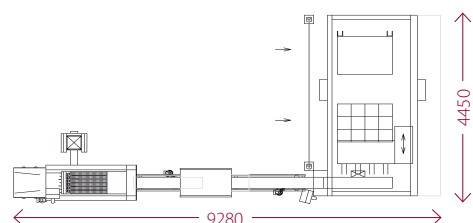
The perfect match between optimal operation & capacity

The Speedpack 110 automatic egg packer handles and packs eggs quickly yet carefully on 30 cell trays. As expected from its name, this table egg packer is named after its speed: 40,000 eggs per hour. Due to the compact design of the machine, you will especially appreciate the complete overview of the entire egg packing process. It allows you to spend more time on checking the quality of the eggs.

Smart investment - The Speedpack 110 provides you the highest capacity per square meter of available footprint in the market. Prinzen's machines are built with high quality materials to ensure a long lifetime. Moreover the Speedpack 110 is an interesting investment related to the low cost of operation and maintenance.

Safe egg treatment - Worldwide, Prinzen farm packers process over 1 billion eggs every day. The Speedpack table egg packer consists of only three transfer points which ensures optimum egg handling. Having less transfers in the process ensures perfect egg handling.

Excellent complete packing line - The Timeline is a perfectly tuned processing line for packing table eggs on-farm; from the egg conveyor belt to the pallet. By combining the Speedpack, PS4 Tray stacker and Pallet Loader, Prinzen created a packing line with an unequalled speed of 4 egg pallets per hour.



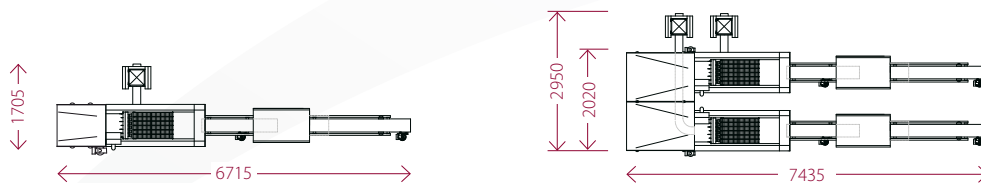
Speedpack 220

High capacity farm packing

To meet the demand for higher capacities Prinzen offers the Speedpack 220. It reaches the capacity of 80,000 eggs per hour. Several machine configurations are available to match the space in the egg room. In addition automatic supply of 30 cell trays to the packers is available for both denester units. The high level of automation and reliability set the right conditions for a perfect packaging job.

- Compact design and modularity of the individual units;
- Best ratio available in the market: capacity versus required footprint;
- Ensures maximum processing capacity.

	Effective capacity	Installed power	Machine footprint
Speedpack 110	40,000 eggs / hour	1.6 kVA	L x W = 6715 x 1705 mm
Speedpack 220	80,000 eggs / hour	3.2 kVA	L x W = 7435 x 2950 mm



Effective **fully automated** process

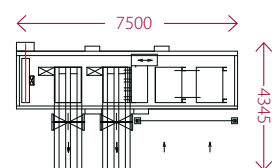
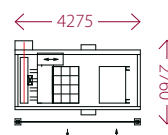
Farm collecting and packing of table eggs is a daily routine that should be done with care and efficiency. Reliable processing capacity must be available at all times. Prinzen's range of equipment meets the industry standards fully with easy to use machines, handling eggs comfortably from the egg belt right up to the egg pallet for the next step in the chain.

Pallet Loader

The Pallet Loader completes the egg collecting process, increasing automation even further. The Pallet Loader is fully compatible with the capacity of the Prinzen packing machines. The Pallet Loader is a gantry robot offering safe and high precision of handling.

- Reduce heavy and repetitive manual labour;
- Modular & compact design: fits any egg room.

Effective capacity	80,000 eggs / hour
Installed power	6.9 kVA
Air requirement	20 N ltr / minute / 8 bar

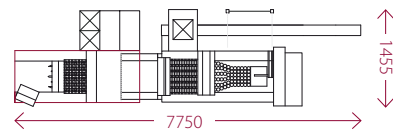


Ovograder 30

The Ovograder electronically weighs and grades eggs into 4 pre-defined weight categories. The compact machine is installed in line with the egg collection belt and the packer. The grader control panel visualizes statistical information such as number of eggs, individual egg weights and total weight per day, per house and the percentage of eggs in various weight classes. This data analysis enables accurate management.

- Added value through uniformity in eggs;
- Analysis of egg production;
- Compact machine: fits in any egg room.

Effective capacity	30,000 eggs / hour
Installed power	0.5 kVA
Air requirement	100 N ltr / minute / 8 bar



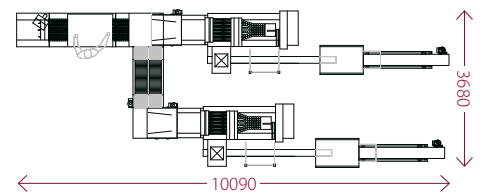
Ovograder 30 connected with Smartpack



Profitable farm grading and packing

The Prinzen Ovograder brings accurate and high capacity weighing and sorting of eggs to the farm. In addition, the Ovograder can be further extended and combined with multiple packers for a central egg grading and packing process. A candling system is an optional item that can be incorporated into the configuration.

The Ovograder can easily fit in your egg collection room as it is the most compact sorting machine, processing 30,000 eggs per hour, available on the market. Sorting on farm creates opportunities to increase the value per egg. Pre-sorted eggs delivered to a packing station improve the efficiency of their operation allowing a higher price for the eggs. A second opportunity is to shorten the traditional chain by selling directly from the farm to consumers. The added value created with the Ovograder allows a quick return on investment.





Quick return
on investment

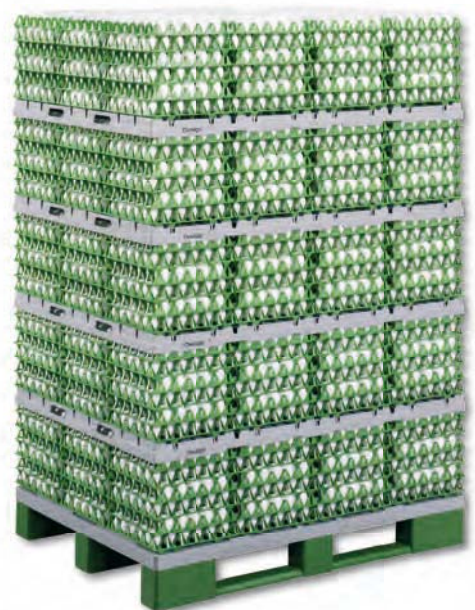
Ovologic

Highly reliable egg handling process

Ovologic has taken egg handling to the next level. The range of trays and pallets ensures fast, safe and efficient handling and transportation of eggs from farm to the grading/packing station or to processing industry. Ovologic uses plastic 30 cell trays in combination with custom designed dividers and pallets. The packaging materials allow for thorough cleaning and disinfection after each usage. This greatly reduces hair line cracks and the risk of contamination in comparison to traditional paper packaging materials.

The unique design of the Ovologic pallet gives a real packaging advantage. The robust and strong pallet ensures:

- easy, labour friendly and accurate stacking;
- excellent protection of eggs, no additional pallet wrapping required;
- optimum use of storage and transport space;
- mechanisation equipment available, for fully automatic (de-) palletizing;
- available in a nesting or a box pallet.





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 centre for the poultry industry. We strongly believe in open innovation through thinking ahead with poultry people. 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.***





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