

Engineering  
Your success

# VISCON

fresh produce

## GENERAL BROCHURE







# About Viscon Fresh Produce

**Viscon Fresh Produce is your partner in the delicate and intricate care of fruit & vegetables, mushrooms, potatoes, carrots and onions. Viscon Fresh Produce specializes in offering total logistic solutions ranging from the unloading of harvesting trolleys inclusive of the packed products that are ready for the final consumer.**

Fresh Produce needs to be harvested with care, but even more important, it needs to be handled with great care during the further processes. Viscon is aware that every product needs to be handled in a different way to deliver a pristine, retail-ready product. At 45 years of experience in material handling equipment, and more than 20 years in the fresh produce market, Viscon has acquired an unparalleled amount of knowledge and experience in to assist you in your transition to automation.



## SIGN UP FOR OUR NEWSLETTER!

Go to [www.visconfp.eu](http://www.visconfp.eu) and be updated on new developments and case stories.



Viscon specialises in total logistic solutions.



Our standard product line, as well as our comprehensive knowledge of the sector, enables us to create affordable and smart solutions. Our in house IT software company, Viscon Logistics Control, enable us to provide all the software necessary to control the entire process, including: tracking and tracing data, and applications to accompany your food safety program. Utilizing our in-house R&D, manufacturing, and our worldwide network of sales and services, Viscon Fresh Produce is the ideal partner to engineer your success. **Today and into the future!**



# Turn-key solutions

## Grading – Packing – Logistics

Viscon Fresh Produce offers a wide range of harvesting, grading, processing, weighing, packing, palletizing and warehousing systems, including any and all additional material handling. Punnets, bags, boxes, crates and pallets can be handled by sturdy, reliable and innovative Viscon equipment. Complete production lines can be supplied and integrated. As a further value add to our customers, Viscon is a provider of integrated software, making us the one stop shop provider for any fresh produce project that requires turnkey automation. Viscon has successfully completed hundreds of turnkey automation projects all over the world.



**Harvesting**



**Grading**



**Processing**



**Weighing**



**Packing**



**Palletising**



**Warehousing**



**Track & trace**



**Cleaning**



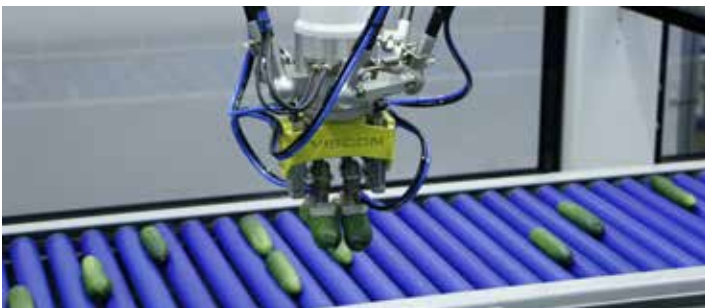




# Greenhouse grown vegetables

Greenhouse grown vegetables include: tomatoes, peppers, eggplants, and cucumbers. Greenhouse grown vegetables have at least one very big advantage from an automation perspective: the overall process in the greenhouse can be controlled to a very large extent. The ability to have a consistent growing process creates great opportunities for high levels of automation. Viscon has been a leading partner to the greenhouse industry for many decades, and has installed hundreds of projects all over the world, with both smaller and larger growers alike.

Greenhouse grown vegetables include: tomatoes, peppers, eggplants, and cucumbers. All greenhouse grown vegetables require specialized post-harvest automation, all of which Viscon has demonstrated experience and expertise. Viscon provides specialized solutions in: harvesting, grading, weighing, packing, warehousing, and the handling of punnets, bags, nets, boxes, and pallets.





# Leafy vegetables

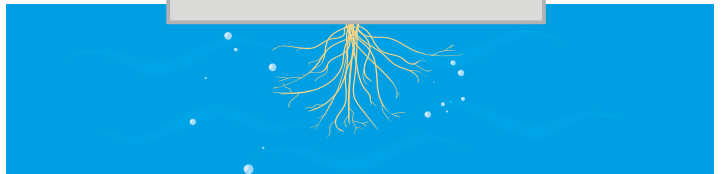
Most recently, Viscon has designed and engineered a special system for the safe production of leafy vegetables. This revolutionary new system is called the Viscon Hydroponics system.

The system is a closed growing system floating on deep water and can be fully automated. It also provides innovative solutions for a more manual system, making hydroponic growing available for both smaller and bigger growers alike.

Viscon Hydroponics focusses on short cycle crops that can be grown on deep water channels, i.e. lettuce, herbs, cabbage, English peas, kale, kohlrabi, leeks, mustard greens, parsley, radish and spinach. Viscon is able to integrate and supply all the automatic handling for the pots, boxes, trays, floats and end packaging if desired.

**The system provides automation and growing concepts for the three important phases in the process:**

1. Growing of the young plant
2. Production on deep water channel
3. Ergonomic and efficient harvesting





# Soft fruit

Soft fruit are all fruit that grows on bushes, such as blueberries, strawberries, raspberries and currants, similarly, top fruit is any fruit which grows on trees. Soft fruits are getting more and more popular worldwide, but require handling systems that maintain the high quality and delicate structure of the products.

Soft fruit requires specialized automation since it damages easily, and with that in mind Viscon has developed gentle solutions to handle these delicate and high value products. Viscon provides specialized equipment for grading, weighing, packing, palletizing, as well as box, punnet and pallet handling.





# Fruit

In general fruits are high in fiber, water, vitamin C, and natural sugars, truly there's really no good reason not to eat fruit!

To make sure these fruits arrive at their final destination (our homes!) in optimum condition and carefully packed, Viscon provides specialized automation to guarantee premium quality.

Viscon specializes in the handling of fruit from harvest up to and including careful packaging ready for the final consumer. Due to the wide range and delicate nature of fruits, handling requires specialized attention and specialized equipment, and Viscon has a diverse range of equipment and experience to offer unique solutions. Viscon is a leader in efficiently & carefully organizing the post-harvest process of your packing center with an eye for future growth, and flexible to future needs. Viscon is your integrated provider and can supply all the necessary grading, weighing, packing, palletizing and warehousing handling equipment you need to be successful.





# Mushrooms

Mushrooms are widely used in the many recipes, and in many style of cuisines (notably Chinese, Korean, European, and Japanese). Though neither meat nor vegetable, mushrooms are known as the “meat” of the vegetable world. Mushrooms are a delicate, tasty, nutritious, and popular product worldwide.

Automation in mushrooms requires highly specialized solutions as they damage quite easily.

Thus, Viscon developed complete solutions to handle these delicate and high value products. Viscon can provide specialized equipment for grading, weighing, packing, palletizing and also box, punnet and pallet handling.





# Potatoes, Onion & Carrots

Potatoes, Onions & Carrots are highly desirable, open field products that often require a large quantity of intensive labour in the post-harvest process. Due to the heavy weight of the product, a great deal of efficiency can be gained by automating the post-harvest process. Viscon has designed many intelligent logistic solutions utilizing efficient and sturdy equipment to organize your process and lighten the workload.

Viscon can provide automation for weighing, packing, case packing, palletizing, warehousing, and also equipment for the handling of punnets, bags, boxes and pallets.



# Packing centers

## Complete packing areas

Viscon Fresh Produce specializes in the designs of complete packing areas to process fresh produce with great care and optimal efficiency. Viscon organizes the logistics of product that arrives from the greenhouse, even from several different locations, or from many different sources and places from around the world. The logistics includes: packing of the products after harvesting, warehousing, industrial washing, and any and all other additional handling necessary. Utilizing our wide range of packing machinery, creativity, and trusted partners, we are able to fulfill all specific packing requirements.

## Optimal working conditions

Optimization of working conditions for employees is a necessity in today's competitive labour market, and a must for a modern packing centre. Viscon systems reduce physical labor with specialized automation and provides optimal logistic processes and ergonomic work positions for your employees. Investing in Viscon automation will create a safer, and better work environment for your staff, and enhance employee satisfaction.



## Control Software

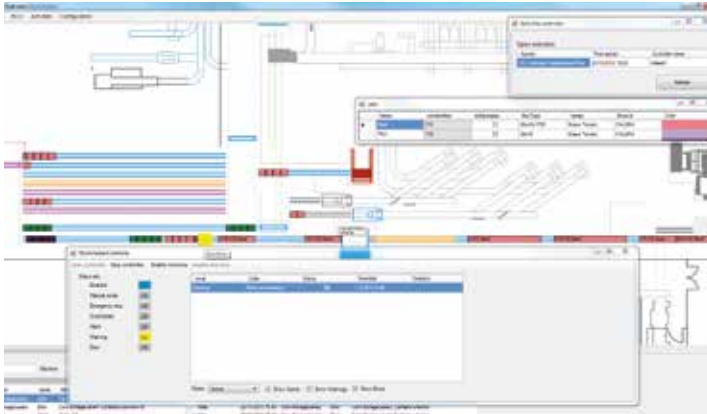
Viscon also provides all logistic control software that collects data for tracking and tracing purposes, warehouse management systems, and labor registration & fault finding. This data provides a great management tool and can further optimize your production processes.





# Control software

Providing optimal control



Viscon Logistics Control (VLC) provides all the required functionality to manage your product handling processes. All your punnets, boxes, and pallets can be traced and managed in the system. VLC collects, manages, and stores data coming from the material handling processes for:

- **Tracking & tracing purposes;** each product can be traced back to the production location, to identify and eliminate possible hazards.
- **Fault finding purposes;** VLC provides fault finding data to further control, optimize, and manage your production processes.
- **Labor registration purposes;** labor registration to provide you with management tools to further improve the quality in your process.



“ This software also provides tracking and tracing data and applications to enhance Food Safety worldwide. ”



Viscon software can support your logistics from A to Z as a standalone package, and can also seamlessly integrate your logistics into your ERP system. The development and maintenance of Viscon Logistics Control system is done by Viscon's own team of dedicated professionals. An added benefit of using our team is that the system can be customized to the customer's future plans and wishes. It satisfies the user that both the mechanics and software can be designed and integrated by one supplier. This combined ownership decreases integration risks and ensures your company a seamless working system customized to your needs. Moreover, it shortens the total implementation time and costs of the overall project.

# Project approach

Viscon Fresh Produce offers total logistic solutions ranging from the unloading of harvesting trolleys inclusive of the packed products that are ready for the final consumer, as outlined in this brochure. However, a project approach is elementary at Viscon Fresh Produce. Directly after the order award the existing customer contact is being extended with a project team on both sides. To ensure both parties, that each party lives up to the expectations, Viscon insists on a clear, agreed upon communication structure and clear recorded requirements in the form of a detailed functional specification. This creates the



opportunity to measure the progress in the project as well. The initial contact with a client will take place with a sales engineer. This person will remain responsible for the project throughout the entire process and will be the point of contact for the client. This will ensure made agreements will remain clear. On a more detailed level, an experienced project manager will join the team. This project manager will take care of the timely engineering of all (parts of) processes and guard the vast high quality which is the standard at Viscon. We can provide you with many references where our reliable solutions are operating. Our sales engineers can arrange an appointment at your request.



# Service

We're here to help

With our worldwide network of Viscon offices and distributors, we can provide a full and comprehensive service in almost any country in the world, enabling us to react quickly and efficiently where necessary. The service and maintenance department of Viscon offers on site service and can be contacted 24 hours a



day, seven days a week. Possible electrical malfunctions in a production line can also be located or solved from within our company using internet and web cam technology. This way production downtime is reduced to an absolute minimum.



24/7 Service helpdesk ↗



↖ Large spare-part warehouse



↖ Mechanical & software engineering service on site



# Viscon Group

Welcomes you!



Since 1927 our company has been involved in automation in the agro/ horticultural sector, where we started out in the Flax industry, the soft wire mater al used to produce clothing. This company was established by the great grandfather of the current generation owners, Jan Visser. After the demise in the flax business in 1967, the next Visser generation started to buy and sell equipment in the horticultural industry under the new company name 'Visser I.T.E.'. As the horticulture industry rapidly grew and diversified, it created a demand for custom made machinery. The Visser family took this opportunity and started to develop and manufacture their own machinery and provide custom made automation projects.

Years later, the experience and success in horticulture led to expansion in different Agro & Food related sectors, such as 'Fresh Produce', 'Poultry' and 'Food Logistics', which were named 'Viscon': deducted from Visser Construction. In the last two decades the family company grew from approximately 40 employees, to over 200 employees active in different sectors all over the world. As for today, several business units, each dedicated to a specific industry, form the 'Viscon Group'.

The Visser family DNA can be detected anywhere in the company: entrepreneurship, innovation, high technical standards and creativity have been the heartbeat of the organisation ever since they started designing and manufacturing themselves. Creating ideas, pouring enthusiasm, designing high end - high quality techniques and a worldwide focus is what the **Viscon Group** is all about.

The company is now being run by **Ton Visser**, **Els Visser** and CEO **René de Vos**. With Viscon Group we aim to create solutions for the smart movement of products in Agro & Food. We invite you to become part of the Viscon Experience where we provide expertise, consultancy and in house produced equipment for your company.



2

Factories



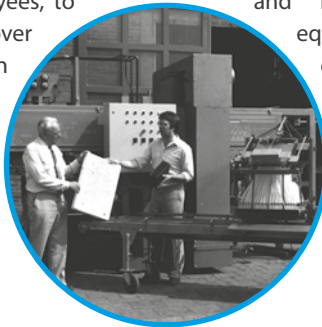
3

Generations  
of experience



70+

Countries with  
Viscon equipment



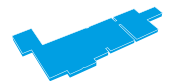
200

Colleagues



5,000

Cups of coffee  
a week



23,000 m<sup>2</sup>

Manufacturing facility



Company building Netherlands ↗



↖ Company building Poland

# LET'S KEEP IN CONTACT!

*We engineer your success.  
All over the world.*



VISCON OFFICES



AGENTS

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