



METEOR
SYSTEMS®



Producer of cultivation systems



From knowledge to technology



Who is Meteor Systems

Meteor Systems is a Dutch family business that was founded in 1997 and draws on horticultural expertise that goes back many generations. The head office is located in Breda, the Netherlands and the company also has branches in Canada and China. All our growing systems are produced entirely in-house, which enables us to respond flexibly and quickly to the market. Our growing systems are constantly evolving and always adapted to the most modern cultivation technologies.

It is our mission to develop and deliver sustainable growing systems for achieving maximum yields and optimal ease of use. Since our growing systems minimise use of water, fertilisers and energy, their use also helps conserve the environment.



Almost all our specialists have an agricultural background and/or education and are very familiar with the practical side of things. Depending on the situation or preference of the customer, a project proposal is developed, describing all the details. After approval, a project manager is the fixed point of contact for the technical implementation and is in charge of proper delivery.

Corporate
video



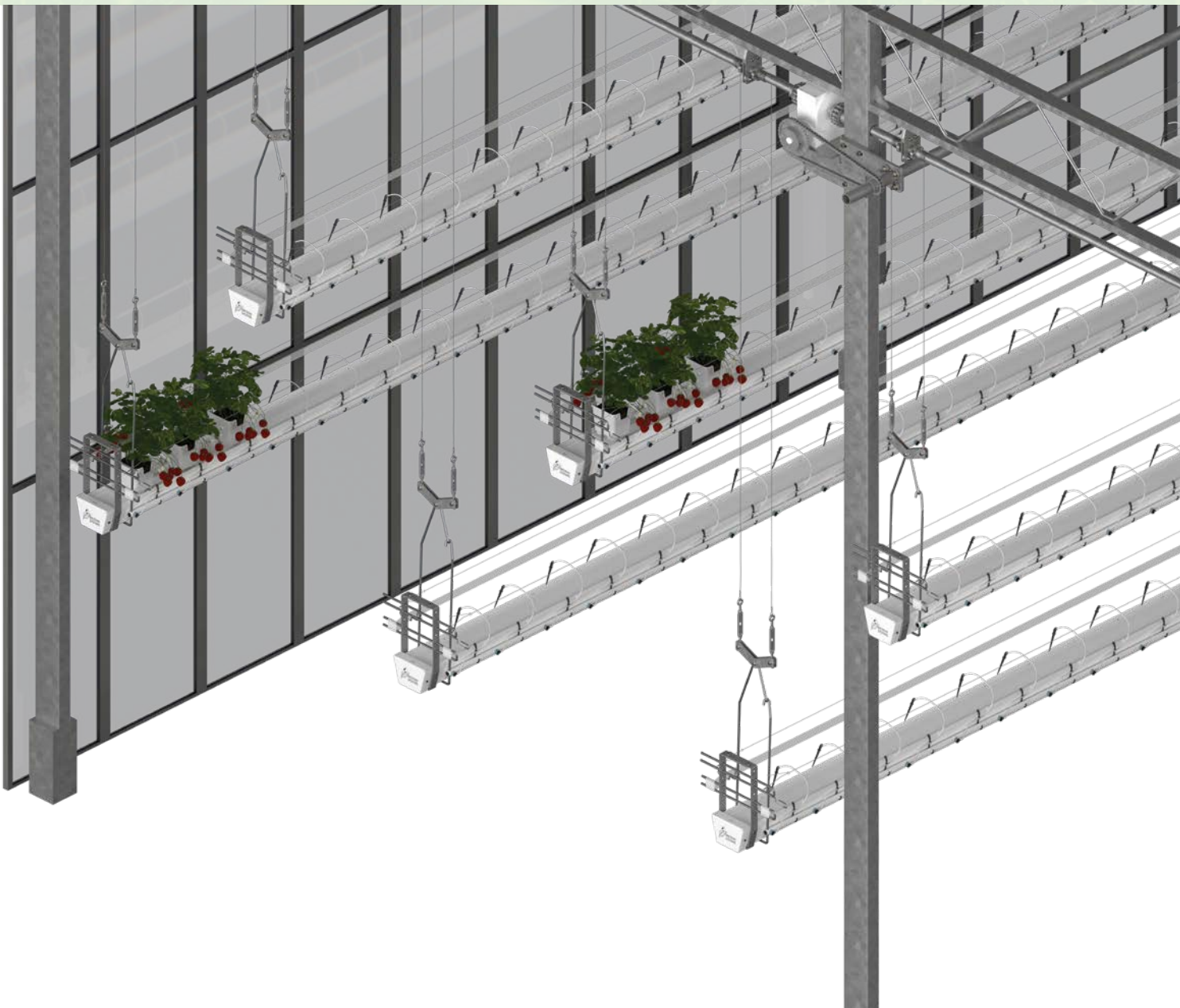
Growing gutters

With more than 35 types of growing gutters in almost every desired width, we have a tailor-made solution for every crop. Depending on the application, the growing gutters are manufactured from coated strip steel in a thickness of 0.5 to 1 mm. The top coating is food-safe and available in MS-35 and MS-120 coating, it comes with a warranty of 6 to 9 years. Growing gutters are rolled out on location or delivered in appropriate lengths.

Suspensions

Depending on the application and permissible load, growing gutters are suspended from the greenhouse structure. The suspension system for growing gutters can be made to any desired length and each basic component is available in many versions. Meteor Systems also supplies movable suspension systems. The swing system allows the gutters to move horizontally and the hoisting system vertically. These are used for optimal utilisation of the greenhouse surface area and higher plant density.

Video
swing system



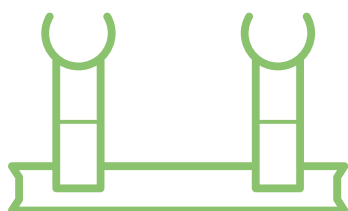
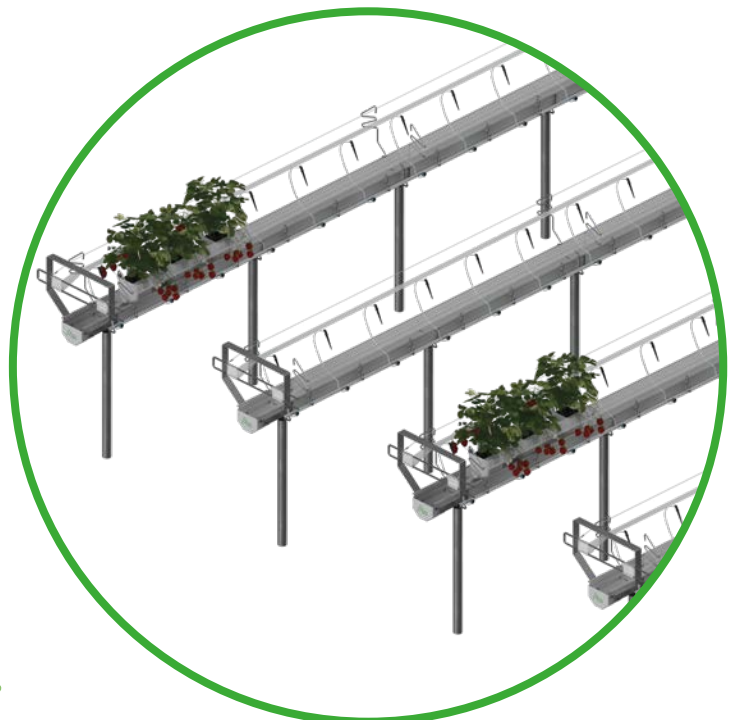


Supports

Growing gutters can also be provided with adjustable supports, specifically by a support. The supports can be combined with bay wide supports and pipe rail supports. In addition to supporting growing gutters, these are also suitable for pot racks.

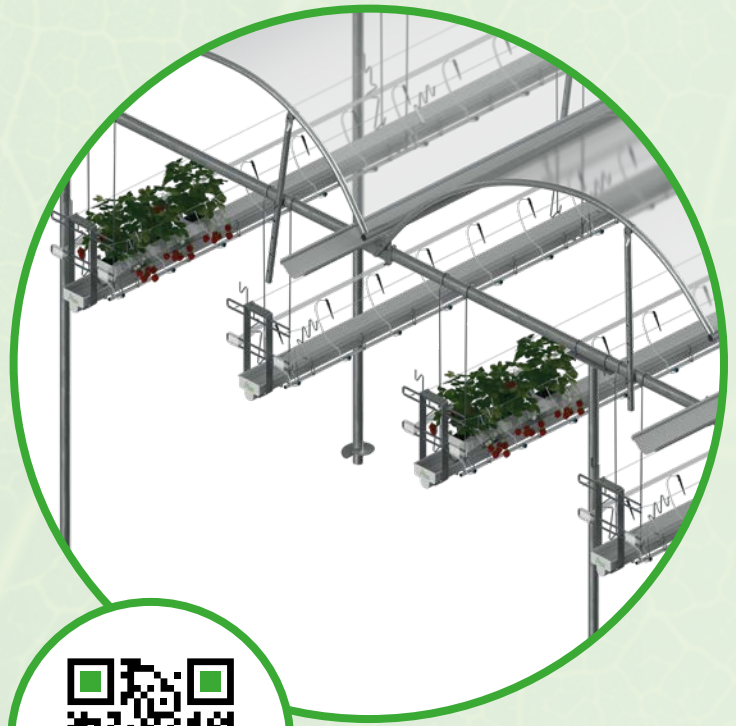
Pipe rail supports are used to support the heating network between the gutter rows, ensure fixed dimensions in the greenhouse and are used as transport rails. They are available in different heights and come with open or closed legs. Pipe rail supports are suitable for further automation, such as a spraying or leaf picking robot.

The cultivation of strawberries on racks outdoors is done on post brackets that support growing gutters. Post brackets are available in different sizes, tailored to the specific needs of the customer.

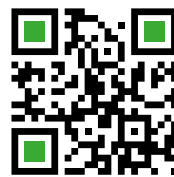


Mini-Air fruit cover

For the cultivation of various types of soft fruit, Meteor Systems developed the Mini-Air fruit cover. This cover has a relatively low ridge height and is easy to assemble yourself. The climate under the covers is easier to control and the rainwater is collected for cultivation. It is a modular system; in addition to side walls, the Mini-Air can also be supplied with a fixed, manual or automatic ventilation system.

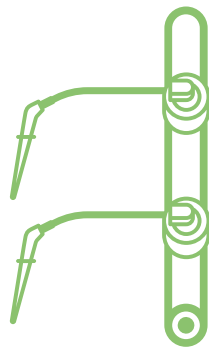


Video
Mini-Air



Irrigation

Meteor Systems supplies black and/or white irrigation tubes and micro tubes in different diameters. These can be supplied pre-assembled with drippers and plant pegs. There are many options for this, depending on the situation. This pre-assembled drip irrigation system is easy to install and provides years of reliable use with the right flow rate.



Options

Depending on the crop, there are options available that are combined with the growing gutters, such as end caps, drain trays, turn around brackets, stem supports, growth tube supports and more. The possibilities are endless. The Meteor Systems specialists are happy to help with custom advice to make your growing system complete.



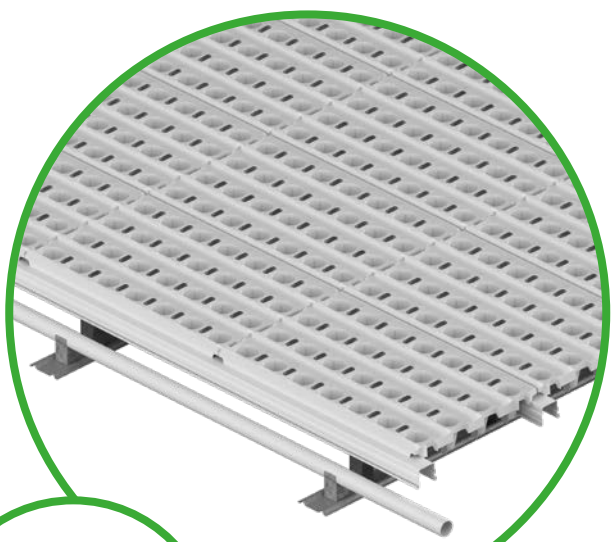


Strawberry innovations

Meteor Systems has developed the tray field on rails for growing strawberry plants. This system is suitable for placing on an outdoor field or in a greenhouse. The system ensures the optimum use of the surface area, resulting in a higher plant density. The strawberry trays are kept off the ground, making the plants less susceptible to diseases. The system ensures efficient use of water and fertilisers and is also suitable for further automation.

Recently, the strawberry pot was launched on the market. Strawberry plants are planted horizontally in this, which means they automatically grow outwards and that the strawberries are easy to pick.

This results in considerable labour savings, because it becomes virtually unnecessary to pull the trusses through.

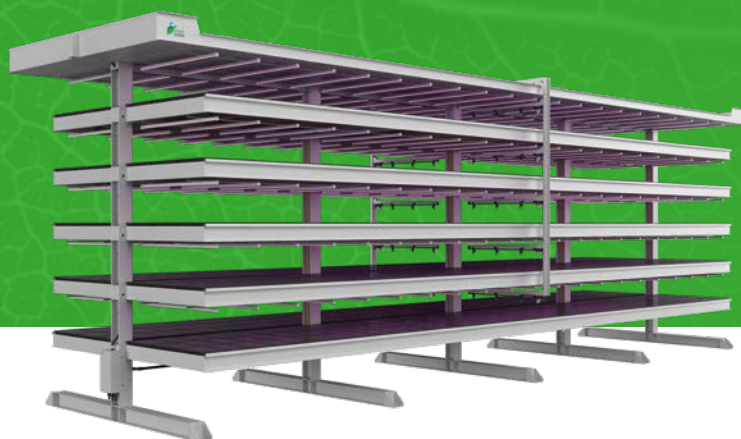


Video
tray field



Advance cultivation technology

Recent innovations from Meteor Systems include solutions for sowing, germination and growing techniques in a controlled environment (CEA). Deep Water Culture (DWC), Nutrient Film Technique (NFT), indoor farming and vertical farming are just some of the examples.



Multilayer growing rack

Meteor Systems has developed multi-layer growing racks for vertical farming in greenhouses and indoor farming. In combination with an extensive control system, they provide ideal growing conditions in the germination and propagation process. Each layer has its own LED lighting and irrigation system, which, in combination with the extensive control system, offers a range of configuration options. The drain water is collected and recirculated, making the system sustainable to use.

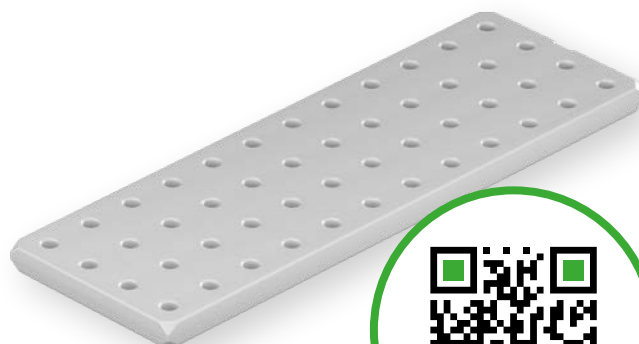


Video
multilayer growing rack



Floating rafts

Leafy vegetables and herbs are often grown in greenhouses on ponds or indoors on rolling benches. Meteor Systems has developed a complete range of floating rafts for both options that are also used as plant supports. These floating rafts are less vulnerable to contamination, are easy to clean and are suitable for further automation of the cultivation process.

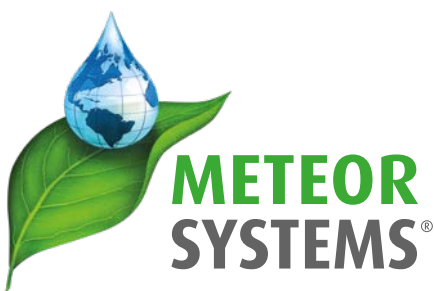
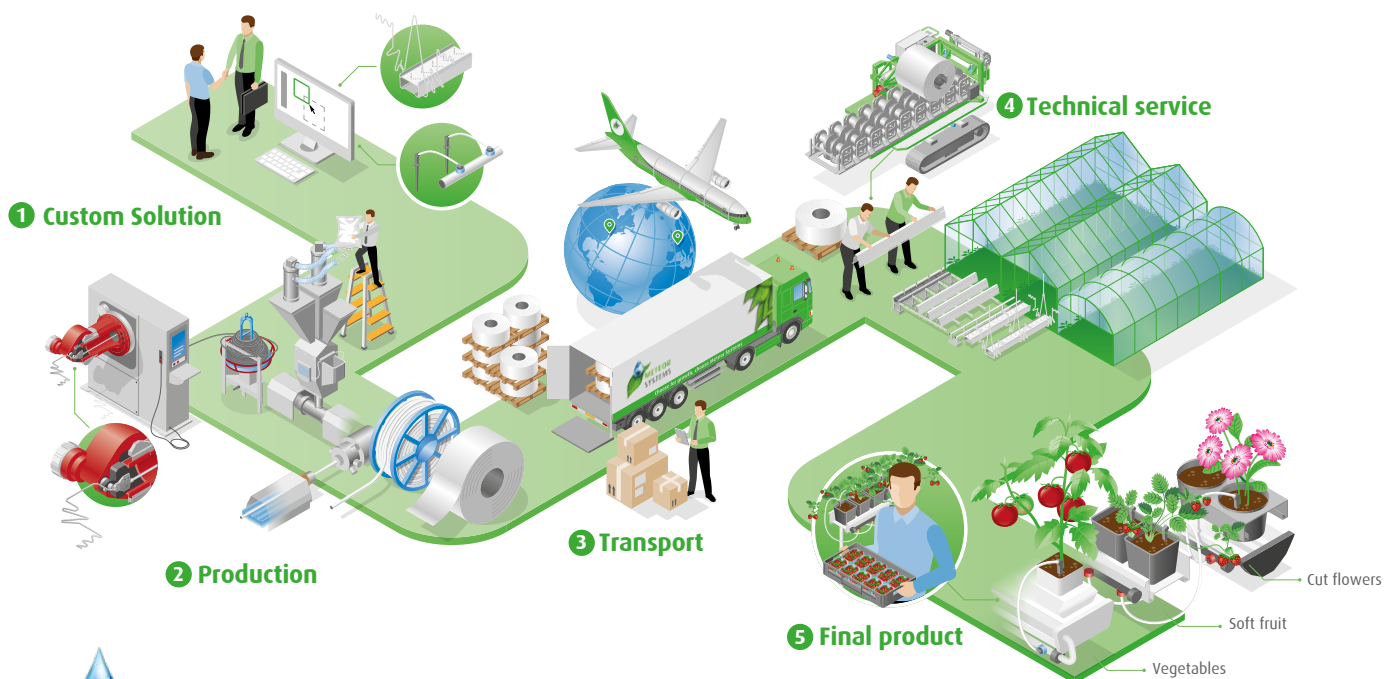


Video floating rafts



From knowledge to technology

Meteor Systems produces and distributes growing systems for the professional horticultural sector all over the world. These are used for growing (leafy) vegetables, soft fruit, cut flowers and medicinal cannabis for both (greenhouse) horticulture, indoor farming and vertical farming. Our product range consists of steel gutters, irrigation tubes, wire bending products, pipe rail supports, floating rafts or plant supports, multilayer cultivation racks and fruit covers.



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