

HortiMaX

growing solutions



HortiMaX Synopta®

- Nieuwsgierig? Maak kennis met onze uitgebreide automatisering
- Zeer gebruiksvriendelijk
- Uitgebreide functionaliteit

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HortiMaX Oloid

- Minimaal onderhoud
- Houtkwaliteit voor maximale levensduur
- Eenmalige investering

OLOID

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HortiMaX FertiMIX 300

- Betrouwbaar, flexibel en eenvoudig te bedienen
- Uitgebreide functionaliteit voor maximale levensduur
- Eenmalige investering

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HortiMaX Ektron III

- Nieuwsgierig? Maak kennis met onze uitgebreide automatisering
- Zeer gebruiksvriendelijk
- Uitgebreide functionaliteit

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HortiMaX P-Plus®

- Actueel overzicht van alle activiteiten en gegevens
- Houtkwaliteit voor maximale levensduur
- Betrouwbaar, flexibel en eenvoudig te bedienen
- Eenmalige investering

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HortiMaX Clima 400

- Betrouwbaar, flexibel en eenvoudig te bedienen
- Houtkwaliteit voor maximale levensduur
- Eenmalige investering

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Horticultural Automation

HortiMaX both develops and supplies business and process automation equipment for the commercial horticultural sector. HortiMaX can offer you the best solution to fit your needs in the areas of climate control, energy management, water management and labour and harvest registration.

Flexible and reliable

Our flexible systems are tailor-made to the size of your operation and crop requirements. We develop and supply a wide range of products, from basic analogue equipment to complex systems. As a company committed to customer satisfaction, we pride ourselves on building long-term relationships with our customers. HortiMaX was formed through the merger of a number of companies, the oldest of which (i.e. 'Van Vliet') successfully developed its first automatic irrigation unit back in 1959. Thanks to our extensive knowledge and experience, we can provide an innovative solution for virtually any automation requirement in the horticultural field. All our solutions are designed to meet the highest standards in quality and reliability.



Centralised control with Synopta®

HortiMaX systems are easy to operate thanks to our well-designed Synopta management software. Synopta sets itself apart by displaying clear settings windows and variable summaries. It also allows you to create custom graphs, summaries and settings tables and arrange them on your desktop in any way you choose. You can even create graphical representations of settings or readouts (e.g. boiler temperature), so you can see at a glance what is happening in your glasshouse.



Optimum fertigation control

HortiMaX fertigation units automatically supply the correct quantities of water and nutrients to the plants, regardless of whether it involves overhead, drip, or ebb and flood irrigation. In addition to units with basic irrigation triggers, we also supply units with highly advanced starting options, such as activation based on the substrate slab's water content or the crop's transpiration rate.



UV disinfection with the VitaLite

The VitaLite disinfects your drainage water, so it can be safely reused. The VitaLite is also suitable for treating rainwater in outdoor catchment reservoirs. The unit's low pressure lamps emit UV radiation capable of eliminating all bacteria, fungi and viruses present in the water. The degree of disinfection depends on the radiation selected. The VitaLite is tailor-made to fit your needs, with a maximum capacity of 150 m³/hour and a radiation dose of either 100 – 150mJ/cm² or 250 mJ/cm².



Sensors

Creating the ideal glasshouse climate would be impossible without accurate measurements of the conditions affecting your crop's growth. HortiMaX supplies a wide range of indoor sensor equipment for measuring not only the ambient temperature, humidity and CO₂ level, but also the plant temperature, PAR light, heat radiation and fruit temperature. The outside environmental conditions can be measured with the HortiMaX weather station, equipped with sensors for measuring the wind speed and direction, radiation, rainfall and, if necessary, humidity.

Improved water quality with the Oloïd

The Oloïd is designed to improve the water quality in rainwater catchment reservoirs, for instance. The Oloïd does this by 'agitating' the water with an electrically-driven paddle or blade. This creates a current which homogenises the water's composition and enriches it with oxygen, minimising algae growth and reducing the build-up of sediment.



Labour and harvest registration system

P-Plus was designed to register labour and production data in a market garden or glasshouse environment. P-Plus allows you and your workers to register labour, production and observational data on one of the terminals in the workplace. These data can, for instance, be used to generate reports on the level of production in specific areas, the progress of certain activities, worker productivity and any pests or diseases which your workers have observed. All of the data entered on the terminals are quickly processed by the central computer and available on your screen almost immediately, enabling you to take swift and informed decisions. P-Plus includes the ability to incorporate detailed wage data in its calculations, based on which the program can display a breakdown of the labour costs by worker activity.

