

# FertiMiX 600

- Optimum irrigation and fertigation control
- Reliable, high-quality design
- Suitable for all types of recirculation
- Suitable for substrate and ebb- and-flood irrigation
- A wide range of setting options if combined with the MultiMa
- Fertilizers can be drawn from 8 tanks simultaneously if combined with the MultiMa



## Implement complex fertigation strategies with ease

The FertiMiX 600 is a fertigation unit which was designed with flexibility in mind. Since the unit does not have to be connected to a specific process computer, it can be tailored to the exact needs of your nursery or glasshouse application. The control output and sensor input are provided, monitored and maintained by a process computer, such as the MultiMa.

**HortiMaX**  
growing solutions



# FertiMiX 600

*If combined with the MultiMa:*

- *Up to 500 valves*
- *Up to 50 valve groups*
- *Up to 12 irrigation valves operating simultaneously*
- *Starts based on:*
  - *Radiation sum*
  - *Contact start*
  - *Maximum pause*
  - *Start time*
  - *Manual start*
  - *Transpiration*
  - *Slab moisture*
  - *Drain water*
  - *Tensio start*
  - *ProDrain controller*
- *Radiation influence on EC control*
- *Drain water volume regulated and re-used based on supply EC*
- *Various other options*

## **Fertilizer dosing**

One of the main functions of the FertiMiX 600 is to mix water and fertilizers. The engineering design of the mixing unit ensures that this is always done correctly, regardless of the specific fertilizers used. Depending on the limits of the computer it is connected to, the FertiMiX 600 is capable of simultaneously dosing fertilizers from any number of fertilizer tanks, in any ratio required. This flexibility applies not only to solid fertilizers: Used together with the HortiMaX FertiFill, the FertiMiX also provides trouble-free dosing of liquid fertilizers, and can even mix additional substances, such as pest control agents. The FertiMiX is equipped with EC sensors, so the EC level can be controlled and monitored by the process computer.

## **Design**

The FertiMiX 600 has a standard delivery rate of 120 m<sup>3</sup>/hour. The unit uses stainless steel pumps with soft-starters. In order to ensure the safe operation of the unit, each of these pumps is equipped with a temperature safeguard. The FertiMiX 600 can also be fitted with the following options:

- Frequency controllers
- Pre-mixing valves
- Filling pumps
- Sand filters or automatic filters

The unit can, of course, be customized to your specific requirements (for instance, if you need a unit with a different capacity).

## **Acid and lye dosing**

In addition to the acid dosing module, the FertiMiX 600 can be equipped with a lye dosing module. The process computer controls and monitors the dosing process based on the measurements from the pH sensors.

## **MultiMa**

The FertiMiX 600 can be controlled using a process computer, such as the MultiMa. The MultiMa offers great flexibility in setting the desired irrigation strategy, allowing you to program any number of daily periods. Many influences can also be pre-set, ensuring that optimum irrigation control, including the correct EC, pH and drain water levels, is maintained under any conditions.

## **Easy to operate**

The MultiMa is easy to operate from your PC with the Synopta<sup>®</sup> management software, which features easy navigation through all of the available settings and readouts. Synopta<sup>®</sup> also comes in a Pocket version, so you can keep track of what is happening in your glasshouse from a distance.

## **More information?**

For more information, please contact HortiMaX (phone no.: +31 (0)15 362 03 00) or one of our dealers in your area. You can also visit our website at [www.hortimax.nl](http://www.hortimax.nl).