

FertiMiX 500

- Reliable, state-of-the-art design
- Optimum fertigation control
- Suitable for all types of recirculation
- Extensive range of setting options
- Draw fertilizers from up to eight tanks at once
- Excellent after-sales support



A Powerful Unit for Advanced Fertigation

The FertiMiX 500 gives you maximum control over your company's fertigation processes. Even complex fertigation strategies are easily implemented with the FertiMiX 500. This system ensures that your crops receive the correct amount of water, at the correct times and with the correct blend of fertilizers. Thanks to its many configuration options, the FertiMiX 500 can be customized to the exact needs of your nursery or greenhouse application.

HortiMaX
growing solutions



FertiMiX 500

- Up to 256 valves
- Up to 20 valve groups
- Up to 4 irrigation valves operating simultaneously
- Starts:
 - Time start
 - Contact start
 - Manual start
 - Radiation start
 - Start based on growing slab water content
 - Start based on growing slab weight
 - Tensiometer start
- Radiation influence on EC control (optional)
- Growing slab EC or drainage EC influence on EC control (optional)
- Drainage volume control and reuse of drainage water based on pre-mixing
- And many other options

One of the main functions of the FertiMiX 500 is to mix water and fertilizers. The engineering design of the mixing unit guarantees that this is always done correctly, regardless of the specific fertilizers used. The unit can dose fertilizers from up to eight tanks at once, in any ratio required. This not only applies to solid fertilizers, however. Used with the HortiMaX FertiFill, the FertiMiX 500 also provides trouble-free dosing of liquid fertilizers. It is even possible to mix additional substances, such as crop protection agents.

The FertiMiX 500 is equipped with the Aqua 500 process computer. The Aqua 500 enables you to control up to 20 valves, divided among 3 valve groups. This can be expanded to 256 valves, divided among 20 groups. The FertiMiX 500 also includes the ability to control the amount of drainage water and reuse this water based on pre-mixing. Since the Aqua 500 can control up to four system pumps, the computer is especially suitable for use with day storage tanks and for use in large greenhouses which have several mixing tank systems. A single Aqua 500 computer can control up to four FertiMiX 500 units.

The FertiMiX 500 offers an advanced and extensive range of options to initiate irrigation. Every FertiMiX 500 includes the following standard options: manual starts, cyclic starts, radiation starts and contact starts. Other options which can be added are irrigation starts based on the weight or water content of the substrate slab, or tensiometer readings. Since plants not only require the right amount of water, but also the right blend of fertilizers, the FertiMiX 500 gives you optimum control over the EC level of the irrigation water. This includes the ability to automatically adjust the EC level of the irrigation water based on radiation or the measured EC level of the substrate slab or drainage water. The FertiMiX 500 allows you to control virtually every aspect of your crop's root environment.

If you think that setting all these options might be a problem, there is no need because the FertiMiX 500 can be operated from your PC using the Synopta® interface program. The pocket version even allows you to do so remotely, so you can keep track of what is happening in your greenhouse from any location.

Want to know more?

Please contact HortiMaX +31 (0)15 362 03 00 or one of our dealers in your area. You can also visit our website at www.hortimax.com