



HortiMaX FertiMiX CX300

- Designed for mixing water with simple and compound fertilisers
- Capable of any mixing ratio, providing your crop with the optimum blend of nutrients
- Suitable for any crop or method of irrigation
- Fast and easy input of irrigation programs

Implement complex fertigation strategies with ease



Like your crop can't do without water and fertilisers, your operation can't do without a reliable nutrient mixer. Water – in combination with fertilisers – is essential to growing healthy and productive crops. In order for your crops to thrive, they must receive the right blend of water and nutrients, or 'nutrient solution'. This requires a system that you can depend on, day in, day out. Breakdowns are not only time-consuming, but also spell disaster for your crop. With our 50 years of experience, we know this as no other. That's why we offer a wide range of tailor-made water units, geared to the precise needs of your business and crop.

Mixing, mixing and more mixing of water and fertilisers

When designing a FertiMiX CX300 for a customer, we carefully consider the required pump size, pipes and pressure build-up. This ensures that every unit will accurately mix all of the fertilisers needed. The FertiMiX CX300 is able to simultaneously dose fertilisers from three – or, optionally, even eight – fertiliser tanks in any ratio desired. It doesn't matter whether you use simple or compound fertilisers, preparing the right blend will take no time at all. The system even lets you add other substances, such as trace elements or pest control agents, to the nutrient solution.

Irrigation programs

All irrigation and fertiliser settings are saved independently of the valves in 'irrigation programs'. You then simply link these irrigation programs to the desired valve groups. The main benefit of this approach is that you only have to configure the settings once. If you want to change the fertigation strategy of a valve group later, all you need to do is link the valve group to a different irrigation program and you're done. The irrigation programs include a range of standard options, such as crop pre-rinsing, crop post-rinsing and frost prevention sprinkling.

Optimum control

The FertiMiX CX300 comes standard with the Aqua CX300 process computer, which offers first-rate performance under any conditions. The Aqua CX300 process computer is a breeze to operate. The standard model is able to control 32 valves, which can be assigned to three groups.

Easy and convenient

The FertiMiX CX300 features a menu-driven user interface and eight-line display, making the unit very easy to program. Help is available

for every setting. The FertiMiX CX300 can also be operated from a PC with the Synopta® software, which even lets you keep track of your crop and greenhouse remotely.

FertiMiX CX300 control features:

- Up to 160 valves, up to 10 valve groups
- Capacity of 5 – 180m³ per hour
- EC & PH control
- Irrigation with up to 4 valves at once
- Crop pre-rinsing and post-rinsing
- Frost prevention sprinkling
- Temperature safeguards
- Start options: time start, contact start, manual start and radiation start (optional)
- Radiation influence on EC control (optional)
- Soft-starters

Additional options

Optionally, the FertiMiX CX300 can be equipped with the following:

- Frequency controllers
- Pre-blending valves
- Filling pumps
- Acid dosing module
- Lye dosing module
- Sand filters or automatic filters