Agriculture

FERTIMIX Series

Mixer-based fertilizer system with open tank for maximum precision, which includes EC/pH control, mixing tank enabling full control of the fertilizer mixture, providing pressure to the irrigation system by means of the water pump installed in the Fertimix machine, operated by the Galileo controller

TOTAL CONTROL

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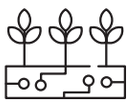
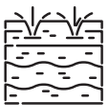
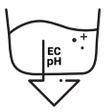
Advantages:



Mixer-based fertilizer machine, including full irrigation head for direct installation on the main line



Pressure to the irrigation system is supplied by the water pump included in the machine



Homogeneous mixture and maximum precision in fertilization doses, achieving EC/pH values in a short time

Management, control, supervision of fertigation of Greenhouses and hydroponics applications by Galileo controller via dedicated PC software

Selection of fertilizer flow, in accordance with the irrigation system and growing needs

A simple and reliable fertilizing system meeting agronomic requirements

Features:

- Stir the fertilizer mixture in the container before watering, according to precise EC/pH control
- The system is available with 1-8 fertilizer channels that are activated simultaneously while fully synchronized
- Fertimix is available in several sizes depending on the irrigation flow
- The FERTIMIX machine includes full irrigation head - pressure pump for irrigation and injection of fertilizer, water meter, main body, a pressure safeguard, and mixing tank. Assembled on a stainless aluminum frame, including Venturi fertilizer injectors, flow meters, irrigation pump, fertilizer valves, with no return, pressure gauge, fertilizer meters and EC/pH controller

Technical Features

- Controller - AC power connection
- Can be ordered with a 50Hz/220V or 60Hz/110V Galileo controller
- Three phase 220-480v/60hz or 220-415v/50hz booster pump
- Working pressure: up to 10 bar

Sensors and Accessories:

Electrodes and EC/pH controller

Pressure sensors

Fertilizer meter (optional)

Water meter

Flow meters

Level gauge in the mixing tank

Models:

FERTIMIX Fertilizer Machine

Description	Multi-channel fertilizer machine with pH/EC control, including fertilizer mixing tank
Controls	With a Galileo controller
Fertilizer flow rate	50 l/h , 150 l/h, 500 l/h, 1000 l/h, Concentrated ACID, Regulated Analog Channel from 100 - 1000 l/h
Irrigation flows	1"- up to 6 cubic meters per hour with a 100-liter container 2"- up to 25 cubic meters per hour with a 200-liter container 3"- up to 35 cubic meters per hour with a 200-liter tank 3" High flow - up to 60 cubic meters per hour with a 200-liter tank
Suitable for application	Greenhouses and Hydroponics
Spare parts and accessories	Fert. Meters EC/pH Manifold PSV (Pressure Sustaining Valves) PRV (Pressure Reducing Valve)