

Ferti Matik

MADE IN ITALY



FERTIGATION SYSTEM

AUTOMATIC FERTILIZER DOSING UNIT

APPLICATIONS

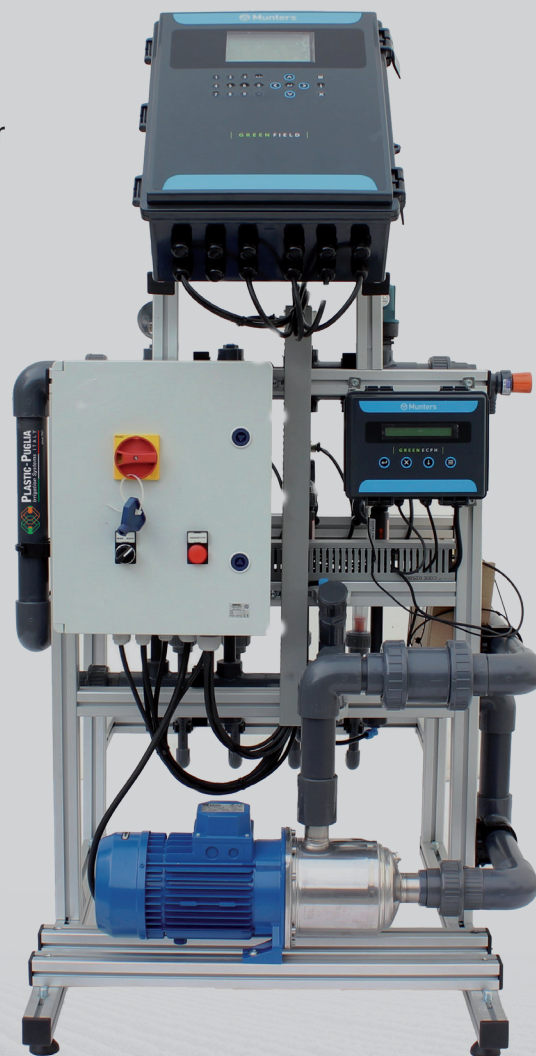
Fertilizer dosing unit for open-field and greenhouse crops.

Easily integrable into any irrigation system designed for automatic operation.

The **FertiMatik** is equipped with a control unit for irrigation that is extremely simple to program. The control unit allows complete control of irrigation and fertigation and is expandable up to 256 outputs, making it very flexible in use.

HARDWARE FEATURES

- Supporting structure in aluminum
- PVC pipes and fittings
- Inlet pressure gauge
- Vacuum gauge
- Adjustable safety pressure switch
- Air vent
- Ec/pH transducer (optional) complete with Ec/pH probes and housing kit
- Dosing channels including:
 - ✓ Venturi
 - ✓ Regulation valve
 - ✓ Non-return valve
 - ✓ Variable area flow meter
 - ✓ Hose connector for tank connection $\varnothing 20 \div 23$ mm
- Dosing channel booster pump
- Booster pump control electrical panel with manual/auto selector and status light



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Irrigation Systems since 1967



HYDRAULIC TECHNICAL SPECIFICATIONS

- 4 dosing channels from 50 to 500 lt/h
- Main line operating pressure 2.0÷4.5 bar.
For higher operating pressures,
contact the technical service
- The pressure differential required to generate fertilizer suction through the Venturi is generated by the booster pump integrated into the **FertiMatik**

ELECTRICAL TECHNICAL SPECIFICATIONS

- System operating voltage: 3x400V – 50 Hz
- Power supply for the controller and Ec/pH transducer provided by the electrical panel

OPERATION

The **FertiMatik**, installed in by-pass on the main line, allows the injection of fertilizer in proportional mode, either by volume or by time, or with controlled Ec/pH target.

