

hortielectric

automation partner



Who we are

Hortielectric is a company located in Spain and skilled in engineering and manufacturing automation and control systems for the agricultural sector.

Professional farmers are able to find, in our product catalogue, products and solutions designed to facilitate and increment the productivity of their farm businesses. We rely on our solutions for energy production, pump and filter operations, climate control in greenhouses or plantation irrigation.

As added value, Hortielectric equipment can be adapted to the specific needs of each client. Modifications can be made in hardware as well as in the control program.



Energy production

Hortielectric offers solutions for energy generation developed and customised to every project, taking into account the specifications of each installation. Hortielectric is able to design installations for photovoltaic generation, diesel or photovoltaic/diesel hybrids.

For those existing installations needing electric demand reduction or adjustment, Hortielectric provides control systems with load shedding which adapt the electricity consumption to the power availability.

Irrigation equipment

Hortielectric offers a wide range of irrigation equipment capable of controlling from a single device the entire water pump, filtering, irrigation and disinfection processes.

Some of our solutions include:

- ◆ Electrical panels with frequency shifter for pumps.
- ◆ Irrigation control for outdoor plantations.
- ◆ Watering automation through sensors' use.

Smart Fertilizer by Hortielectric

Hortielectric provides a powerful fertirrigation control system for any agricultural holding (greenhouse use included). This system is produced as a compact solution covering electrical panel, dosing pumps, sensors and control system assembled over stainless steel frame.

The system is controlled via a strong software that enables performing several programming settings: sectors, sequences or formulas, matching the irrigation and fertilisation to the pressure, conductivity and pH required for each sector.



Our equipment's easy configuration and management stand out, made from a colour touchscreen placed on the device front area with intuitively understandable menus on which the different settings are established, the sensors measurement is checked or the equipment is manually activated.

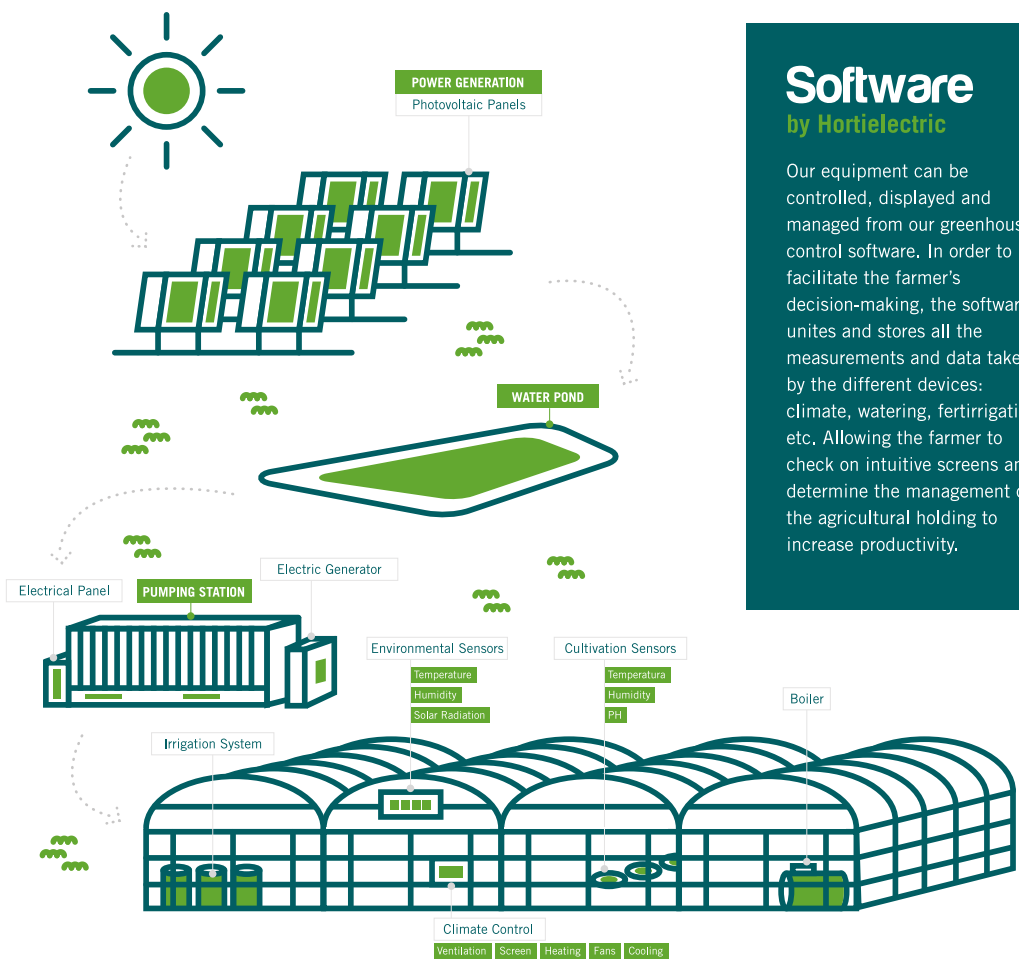
Smart Fertilizer can be managed as well via Smartphone, tablet, PC or from the Hortielectric greenhouse control software.



Greenhouse climate control

Hortielectric has a wide range of greenhouse climate controllers customised to the specific needs of each farmer and agricultural holding. These excel at effortless management and the possibility of adaptation to each client's requirements. All our climate controllers can be managed from our greenhouse control software.

- ◆ **Easyclima**
Zenithal or side windows' controller for small greenhouses – controlling through wind, temperature and rain sensors.
- ◆ **Smart Greenhouse Lite**
Full climate control for a compartment, which controls several devices such as zenithal windows, heat shields, shading, heating, cooling, ventilation fans, etc. It is handled from a colour touchscreen and has multiple sensor entries.
- ◆ **Smart Greenhouse Premium**
It controls multiple equipment as the Lite edition does; however, it can control various compartments at the same time. This is the best solution for bigger agricultural holdings or installations with potential for growth. It is a modular system and easily expandable with powerful control options, display and data storage.



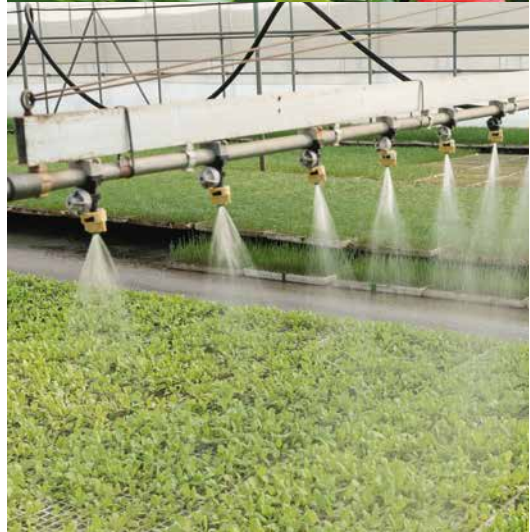
Software by Hortielectric

Our equipment can be controlled, displayed and managed from our greenhouse control software. In order to facilitate the farmer's decision-making, the software unites and stores all the measurements and data taken by the different devices: climate, watering, fertirrigation, etc. Allowing the farmer to check on intuitive screens and determine the management of the agricultural holding to increase productivity.

Service

In Hortielectric we are perfectly aware of the importance of implementing such a technological tool to fully benefit from it. For this reason, Hortielectric always leads our clients from the project's delineation stage, suggesting the product that best suits the specific requirements, to the post-sale phase. Hortielectric provides remote control and monitoring tools as well as local representatives who will install and maintain our products meeting our standards.

Hortielectric offers maintenance contracts and training for our most sophisticated products, including personal assistance, training on the product, software updates and preventive maintenance programs.





Calle La Forja, N°8 B
33211 Gijón, Asturias, España

Phone: +34 984 200 335
Fax: +34 984 200 336
E-mail: info@hortielectric.com

www.hortielectric.com

