



intelligent
agriculture

**NOVEDADES
AGRICOLAS**



SMAQUA
DESALINIZACION

The **OSMAQUA** equipments have been designed to produce a wide range of different types of water from resources such as salty water and sea water, taking into account the specific conditions and the needs of each agricultural installation.

Quality, reliability and optimization are the bases for **OSMAQUA** equipments, supported by the guarantees offered by our technical, design and production departments.

The highly qualified professional team at **Novedades Agrícolas**, has a range of solutions at your disposal, with a maintenance and follow-up service whose mission is keeping your crops operating and profitable.

BENEFITS:

The **OSMAQUA** equipments are adjusted to the required volume, to the initial resources (brackish and marine waters) and the conditions and necessities of each installation



OSMAQUA desalination plants



COMPONENTS:

(They can be modified according to the quality of the water)

- ▶ System of **physical pre-treatment** for the preparation of the incoming water, with the purpose of reducing dirt in the osmosis modulus by biologic elements and/or minerals.
- ▶ Installation of **chemical pre-treatment** systems to control pollution, chemical processes and chemical reactions, etc.
- ▶ High pressure **pumping equipments** in stainless steel, to work with high power according to the pressure of the service.
- ▶ **Reverse osmosis modules** that can be configured according to production specifications.
- ▶ **Electric panel** including:
 - ▼ Programmable controller of the installation, with intakes for CE and pH controls for the incoming water and the rejected water.



- ▼ Counter of working hours, peak flows and accumulated flows within the production and rejection fountains.

- ▼ Controls of minimum-maximum pressure in case of power cut and/or excessive pressure in the net.

- ▼ Level controls in titrating deposits and cleaning.

- ▶ **Indications of pressure and flow.**

- ▶ **Regulator valves** for the rejection fountains and recirculation.

- ▶ **Plate holder** for all the elements of great robustness and easy transportation in stainless steel.

