



Tashia®

What Do We Do?

Becoming leaders in our sector wasn't an easy or quick process. Our more than 36 years' experience by the side of our customers is proof of the quality of our work in the water treatment and dosing sector. We study comprehensive, customized solutions, developed by our engineering department and deemed suitable to cover your farm's every need.

Fertigation

We work in several different agricultural sectors, such as crop-growing in greenhouses. We supply specific equipment for fertigation, pH correction, fumigation, disinfection, etc. in our **Dosatron®** Green Line range.

Disinfection Arches

We know that the main problem to avoid on a farm is any related to biological risk. For this reason, we work with different biosafety accessories to disinfect vehicles entering and leaving farms.

Pre-Treatment

It all starts here! To make the subsequent processes as efficient as possible, we must create action systems and protocols to condition water before disinfection. This allows the biocide to act as intended.

Storage and Distribution

When it comes to water treatment, correct storage is an essential requirement. We work with all types and sizes of tanks for storing treated water. In combination with the finest pressure equipment, we ensure the best water distribution from start to finish.

Post-Sales Service

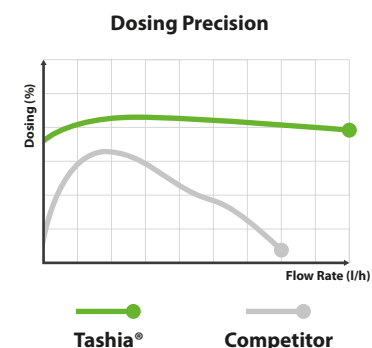
At Tashia®, we don't only focus on new projects; we also know the importance of correctly using and maintaining our equipment.

For this reason, our post-sales service is exclusively devoted to repairing and maintaining equipment, whether in our workshops or at farms themselves.

We also offer consumables and the chemical product produced and packaged at our factory, always in compliance with all the relevant Spanish and European regulations.

Medication

Using innovative technology and the correct equipment, and by means of hydraulic and electric systems, we ensure safe, easy, constant and effective product dosing, to administer medications, vaccines and supplements to animals through their drinking water.



Water Treatment

The best way to avoid problems caused by the appearance of microorganisms or other contaminants that can affect water quality is to use a product line appropriate for its treatment.

Our experience in designing, manufacturing and installing tailored equipment means that we can offer a wide range of products, from dosing pumps to disinfection systems. We take every need into account and offer both manual and automatic solutions.



Water Treatment

We have a wide variety of next-generation equipment for the proper treatment of water for animal and human consumption. Through a physical or bacteriological process, we are able to purify and improve water quality to fit its different uses.

Multi-Layer Filters

This equipment is formed of high-bed filters, both manual and automatic, loaded with zeolites and used for retaining suspended materials.

It works by allowing water to pass through a load with different granulations, to ensure highly-efficient filtration.

The different models available allow us to cover the highest to lowest water consumption, perfectly adapting to every filtration requirement.

Reverse Osmosis

Reverse osmosis is a membrane technology that allows us to desalinate water. It provides high food-grade water quality using a natural process that does not require chemical products to be applied.

Production

180 l/h



1.200* l/h

*Ask about larger production.
We supply the **OSMOSIS RO XL** range.

Maldà, 2022



Water Softeners

In the descaling process, we use automatic equipment to remove or reduce water hardness through an ionic exchange process. This equipment consists of one or several resin columns with a valve, an automatic programmer and a separate tank for brine.

Regeneration control is performed using a microprocessor able to work with different types of regeneration: by volume, by time, mixed or delayed volume.

Our equipment is adaptable to all types of flow rates and requirements.

Flow Rates

0,8 m³/h



24 m³/h

Dechlorinators

There is manual or automatic equipment with specific activated carbon loads to eliminate organic pollutants, heavy metals, free chlorine, odors and tastes, for example.

It is important to specify your desired use in order to choose the correct load type. Please note that this dechlorination capacity is a guide and varies depending on the residual chlorine of the make-up water.

Flow Rates

0,4 m³/h



19 m³/h



Os de Balaguer, 2022



Maldà, 2019

● Volumetric Disinfection

This is high-pressure purifying equipment with a volumetric system (proportional to flow rate). To make installation easier, it offers different assembly types (panel or PT dosing kit).

There are different dosing pump models to choose from, depending on your required flow rates and the products to be dosed.

Electrochlorination

This is an on-site system for generating activated chlorine using saline electrolysis.

It is formed by a compact unit with corrosion-resistant housing and an integrated ventilation system. Its innovative design increases its efficiency, allowing for generation of chlorine with low salt and energy consumption.

Probe Dosing

This purifying system works by means of a multi-parameter controller that continuously measures the reagent and doses according to a pre-set waste value. It is ideal for pre-treated water or water from different origins.

Although it is complex to install, its maintenance process is much simpler and quicker, while still being rigorous.

It allows us to continuously view the waste ppm of the product used. More than one parameter can also be regulated.

CIO₂ Dosing

Biopure® is our comprehensive solution for disinfection, whether manual or automatic, using **chlorine dioxide** generated on site.

This line includes all the necessary components (equipment, installation accessories, chemical product and analyzers) for preparing ClO₂, guaranteeing a purity level higher than **99%** and at different concentrations.

The systems that we currently provide for generating ClO₂ from products from the **Biopure®** range are easy to handle, operate, and control, and they guarantee proper disinfection in their different applications.

BIOPURE®

Biopure® Plus is the ideal manual generation range for both occasional use and up to 20 m³ of use per day.

Preparing the product is very easy and safe, as precursors are added to a volume of water using the **Starter Kit** preparation solutions, which are essential for guaranteeing uniform treatment.

● **Biopure® Pro** is our automatic generation product range, with production of up to 1,000 g/h.

It is divided into two groups: **Dioxer In-Line**, for in-line chlorine dioxide dosing, and **Dioxer Batch**, which involves generation being performed in a reactor and, once complete, being transferred to a storage tank for subsequent dosing.



Os de Balaguer, 2019

Medication

We cover every requirement with our medication systems, whether **hydraulic** or **electric**, which are formed of pre-assembled panels to facilitate installation, dosing pumps and the Mixer: one of our leading products manufactured in-house.

Dosatron®

At Tashia®, we have been official Dosatron® distributors for over 30 years.

Dosatron® injectors, activated by water flow, are the easiest and most reliable way to inject medications, vaccines and supplements into water lines for constant, uniform results.



Mixer Clean

An essential accessory for guaranteeing uniform concentration when dosing, with a new cleaning system:

- Low-speed mixing
- Anti-foaming propeller
- 230 Vac or 12 Vcc voltage
- Programmable timer
- Lower cap for quick emptying
- Continuous cleaning system



MD Advanced Dosing Pump

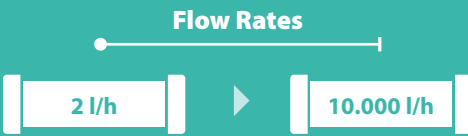
Water is an essential nutrient for all living things and is the ideal means for treating, preventing or curing any illness or health problem that your farm animals may have.

Our range of high-precision proportional electrical dosing pumps is produced using highly chemical-resistant materials, specifically designed for administering medications, vaccines, prebiotics, acids, supplements, etc.

MD Pro Dosing Pump

Our Innovation and Design department is constantly developing to improve and create new equipment, such as the **MD Pro Dosing Pump**: part of our high-performance systems.

This equipment offers greater precision, even with no pressure in its pipe, making it a simple, efficient and safe system.



Zaragoza, 2013



Equipment Under Development

And, what's more...

Our goal is very clear: to offer our customers the best and most complete service. For this reason, and by studying each day, we provide services for any needs that may arise at your farms.

Chemical Product

We have a chemical product packaging plant for producing and supplying our most widely-used products for water treatment: biocides, flocculants, precursors, adjuvants, anti-scalants, pH reducers, algaecides, etc.

We work and innovate every day to offer our customers and distributors a tailored, suitable and efficient service.

In the near future, we will expand the area inside the new packaging plant to be able to produce innovative products that adapt to emerging needs and market developments. This will enable us to move forward and contribute to improving water treatment systems.



Analyzers

To offer the best results, we work with a wide array of measuring instruments for controlling waste.

Pressure Groups

This is compact equipment for automatic distribution of water in installations. It offers great adjustment and control, thanks to its simple and intuitive interface, with the possibility for remote and full connection via a smartphone.



Disinfection Arches

We have designed a vehicle disinfection system, based on assembly units and adaptable to the needs of any location: full arch, half arch or ground-only arch. These are all available with customized automatizations.

Our arches coat up to 95% of vehicle surface areas, ensuring full disinfection of means of transport for farms.

Storage Tanks

We supply a wide range of tanks for storing water or other uses. They are available for any capacity and are manufactured using different materials: polyester, polyethylene, glass fiber, etc.

Cleaning Systems

We know how important it is to disinfect specific areas on farms. For this reason, we offer all types of compact equipment for spraying disinfectant products onto surfaces.

Fertigation Equipment

Our fertigation equipment is part of the **Dosatron®** Green Line range. It is specifically designed for this requirement: to offer high-precision dosing and treatment, even when working with low flow rates and pressure.

Turnkey Solutions

Alongside developing and manufacturing equipment and complete systems, we install and maintain them, providing solutions to address all the challenges involved in dosing, disinfection, product application and spraying systems.

We develop complete, tailored systems to offer high-quality solutions, adapting to any water treatment and dosing needs.

Our *"Made-to-Measure Projects"* department designs efficient projects to meet our customers' expectations. Each one requires special attention; therefore, we mass-manufacture the relevant equipment, unifying all the necessary processes to be carried out.



New Tashia® Packaging Plant



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