

Hygiene and disinfection in the agri-food industry

- Abattoirs
- Processing plants
- Bottling lines
- Hatcheries
- Breweries
- Dairy industries



Water flow
up to 6m³/h

SuperDos

Fluid-driven proportional injectors

The SuperDos dosing injectors allow you to accurately dose detergents, disinfectants, additives and other liquids used for agri-food hygiene applications.

SuperDos proportional injectors operate without electricity to inject liquid concentrates into a water supply line using flow and pressure as the power source.

All models of the SuperDos range have a mixing chamber separated from the motor. This patented design promotes homogeneous mixing while segregating harsh chemicals from critical internal components.

Advantages:

- Accurate and consistent injection regardless of variations in pressure or water flow.
- Resistant to aggressive chemicals thanks to the special design of the mixing chamber, which is separated from the motor.
- Robustness of the fibreglass-reinforced pump casing.
- Quality of the mixture.
- An integrated on/off switch enables the injection to be stopped without cutting off the water.
- Interchangeable low dosing parts.

Applications in the agri-food industry

- Disinfection of abattoir trucks.
- Boot-washer and foot baths.
- Washing of fruit and vegetables.
- Injection of salt into ice making machines.
- Disinfection of pipelines.
- Odour control.
- Disinfection of beverage lines.

Models	References	Pressure (bar)	Water flow (l/h)	% Dosing	BSP Input/Output	On/Off Button	Seals
SuperDos 30 0.3%	113729RGB	0.4 - 6.9	34 - 6,800	0.025 - 0.3	1"	Yes	Viton
SuperDos 30 2.5%	113709GB 113709EGB	0.4 - 6.9	34 - 6,800	0.2 - 2.5	1"	Yes	Viton EPDM
SuperDos 30 5%	113710GB 113710EGB	0.4 - 6.9	34 - 6,800	0.4 - 5	1"	Yes	Viton EPDM

* Other models are available in our standard SuperDos range. Please contact your Hydro Systems distributor.



Accessories

The following range of accessories enables optimum operation of the injector, increases its lifespan and simplifies its installation.

External injection kits

The external injection kit is installed on the dosing unit in order to directly inject the chemical into the pump outlet line, without mixing in the pump.

This is recommended for the injection of chemical products which are incompatible with certain pump components or which result in deposits.

For the installation of a series of injectors, you must install an external injection in order to directly inject the chemicals downstream of the last pump.

Please contact your distributor for further information.



TwistII Clean Filter

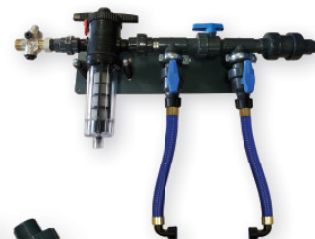
It protects the injector from sediments suspended in the water network.

Patented automatic washing mechanism: a 1/4 turn of the handle reverses the water flow and removes any impurities.



Bypass Manifold

Comes with the parts that you require to professionally install your injector. Simply attach the manifold kit to the wall and connect the injector.



Adaptor kit

Bypass Manifold adaptor kit for SuperDos.



References	Description	Use with
012705GB	Viton external injection kit	SuperDos with Viton seals
012705EGB	EPDM external injection kit	SuperDos with EPDM seals
017008B	TIIC Filter 1" BSP 105 Micron, Max. operating pressure 7 bar	SuperDos 30
SPV0172	Bypass Manifold	SuperDos
90096106	Bypass Manifold 1"x3/4" BSP SuperDos adaptor kit	SuperDos