



# MiniDos

## Water driven proportional injectors for dosing soluble lubricants

MiniDos water-driven dosing pump is perfect for accurately dosing soluble metal processing fluids and mixing them with water, helping to rationalize the use of additives.

MiniDos operates without electricity to precisely inject liquid concentrates into a water supply line using water flow and pressure as the power source.

MiniDos is designed with a patented internal mixing chamber that promotes homogeneous mixing, while segregating harsh chemicals from critical internal components.

### Benefits:

- Constant and accurate dosing, even if there are changes in pressure or water flow.
- Strong and robust body, reinforced with fiberglass.
- Superior quality of mixing.
- Built-in ON/OFF switch allows user to stop the injection, but not the system.
- Interchangeable lower ends within the same range.
- Specific design minimizes any emulsion forming and backflow in the drum.

### Metal processing fluids injection:

- Cutting oil
- Coolants
- Degreasing
- Parts washing
- Die coating additives
- Grinding
- Biocides
- Vibro-abrasion additives
- Legionella prevention
- Treatment of metal surfaces

Model	Part Nr	Operating pressure (Bar)	Water Flow (lit./hr.)	Dilution %	ON/OFF switch	Inlet/Outlet BSP	Max. vertical suction	Seal material
MiniDos 5%	SPV0159	0.5 - 9.6	30 - 2,700	1.0 - 5.0	YES	3/4"	3.6 m	VITON standard Aflas and EPDM on request
MiniDos 10%	SPV0156	0.5 - 4.5	50 - 2,200	2.0 - 10.0	YES	3/4"	3.6 m	VITON standard Aflas and EPDM on request

\*Other models available. Please contact your Hydro Systems distributor.



## Accessories

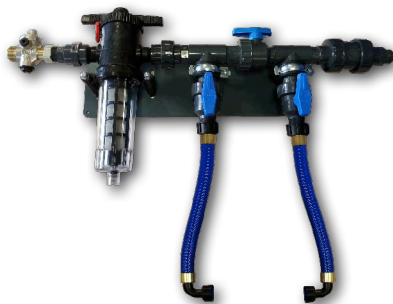
The use of these accessories guarantees a safer operation and extended life for your MiniDos pump, facilitating tasks in different applications.

### TwistlClean filter



Designed to protect equipment from sediments suspended in a water system. Just a quarter turn of the handle and 5 seconds of back/flush and the filter element is clean!

### Bypass Manifold



Comes with all the parts you need for a professional installation of your chemical injector. Just hang it on the wall and connect the injector.

### Viscosity kit



Recommended for viscous concentrates with viscosity above 400cP, depending on models and operating conditions. Can deal with viscosities up to 1000 cP.

### Barrel adapter



Allows direct installation of the injector on barrels or plastic and metal drums.

Part Nr	Description	Use with
017004	TlIC filter 3/4" MPT 105 Micron, Max. operating pressure 7 bar	MiniDos
SPV0172	Volumetric Install Manifold	MiniDos
10090085	Viscosity Kit, up to 1000 cP	MiniDos
011466	Barrel adaptor	MiniDos