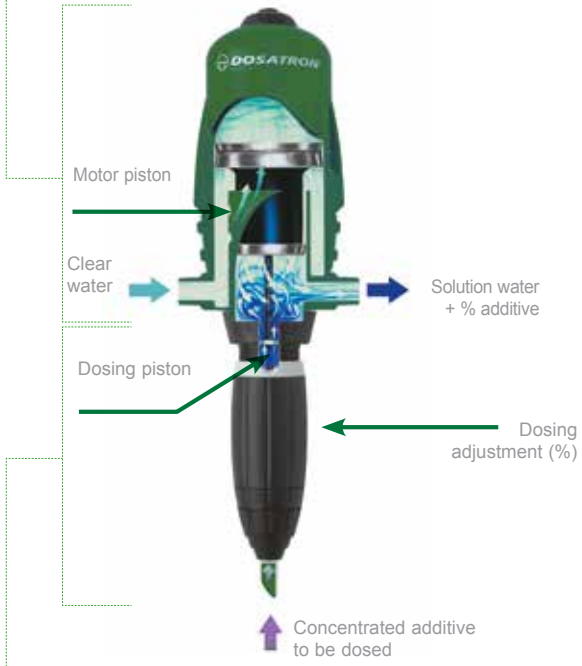
Dosatron technology

Dosatron technology is based on a hydraulic motor pump activated only by the pressure and the flow of the water.

The hydraulic motor

The motor piston moves under the pressure of the water.
A system of valves allows the movement to be reversed.

The dosing pump is called a VOLUMETRIC pump.



The dosing assembly

The dosing piston driven by the motor continuously injects a fixed volume of product (adjustable capacity of the dosing body). The dosing piston will inject the quantity of product that corresponds to the volume of water passing through the motor. Therefore, the operating principle ensures constant dosing, independently of the variations in flow rate and pressure of the water.

The injection of the product is PROPORTIONAL to the water flow rate.

- **Dosing of any liquid product or water soluble**
- **Multiple applications, one solution**
- **High accuracy dosing**

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GREEN LINE

DOSATRON®
Because life is powered by water®

Customer service

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DOSATRON®
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GREEN LINE

- Non-electric - Operates with water pressure.
- Accurate dosage, even and continuous.
- Improves yield and limits leaching due to small but frequent additions of nutrients.
- Suitable for new generations of products: oils, wetting agents, etc.
- Saves water, product and labour.
- Option of automated operation.
- Portable Kit.

- Fertigation
- Crop protection treatments
- pH adjustment
- Fumigation
- Disinfection
- Flower preservation
- Post-harvest treatments
- Etc.

D3GL	Dosage		Operating flow range min. - max.		Operating pressure		Version	
	%	Ratio	(l/h)	[US pint/min - US gpm]	bar	psi	Serial	Option
D3GL3000	0,03 - 0,3	[1:3000 - 1:333]	10 - 3000	[1/3 - 14]	0,30 - 6	4.3 - 85	VF	B.P. V PVDF K B.P.A.
D3GL2	0,2 - 2	[1:500 - 1:50]	10 - 3000	[1/3 - 14]	0,30 - 6	4.3 - 85	VF	B.P. V PVDF K B.P.A.
D3GL5	0,5 - 5	[1:200 - 1:20]	10 - 3000	[1/3 - 14]	0,30 - 6	4.3 - 85	VF	B.P. V PVDF K B.P.A.
D3GL10	1 - 10	[1:100 - 1:10]	10 - 3000	[1/3 - 14]	0,50 - 6	7.25 - 85	VF	B.P. V PVDF K B.P.A.
Connection (NPT/BSP M) Ø 20 x 27mm [3/4"]								

D9GL	Dosage		Operating flow range min. - max.		Operating pressure		Version	
	%	Ratio	(l/h)	[US gpm]	bar	psi	Serial	Option
D9GL2	0,2 - 2	[1:500 - 1:50]	500 - 9000	[2.2 - 40]	0,3 - 8	4.3 - 116	VF B.P.	! B.P.A.
D9GL5	1 - 5	[1:100 - 1:20]	500 - 9000	[2.2 - 40]	0,5 - 8	7.25 - 116	VF B.P.	! B.P.A.
Connection (NPT/BSP M) Ø 40 x 49mm [1" 1/2 M]								

D20GL	Dosage		Operating flow range min. - max.		Operating pressure		Version	
	%	Ratio	(m^3/h)	[US gpm]	bar	psi	Serial	Option
D20GL2	0,2 - 2	[1:500 - 1:50]	1 - 20	[5 - 100]	0,12 - 10	2 - 120	VF B.P. !	R
Compression coupling PE Ø 63 mm								

D30GL	Dosage		Operating flow range min. - max.		Operating pressure		Version	
	%	Ratio	(m^3/h)	[US gpm]	bar	psi	Serial	Option
D30GL02	0,02 - 0,2	[1:5000 - 1:500]	8 - 30	[36 -132]	0,5 - 8	7.25 - 116	VF B.P.	EC B.P.A.
D30GL1	0,1 - 1	[1:1000 - 1:100]	8 - 30	[36 -132]	0,5 - 8	7.25 - 116	VF B.P.	EC B.P.A.
Connection (BSP) Ø 80 x 90mm [3"M] - 2 flanges DN80 ISO								

Available options

- PVDF : Carter
- AF : For alkaline additives
- VF : For acidic additives, oils, deodorants, phyto
- K : For highly concentrated acids (>15%) - PVDF systematic
- R : Connection : NPT/BPS gas male
- H : Hastelloy plunger rod, high-strength alternative to steel in some models
- V : Kit for viscous additives recommended for more than 200 or 400 cPs (depending on model)
- Injection hose: Special material for hose and foot strainer available
- BP : (Integrated by-pass) system for manual activation of the additive suction (on) and stop (off)
- Support legs
- EC reader
- BPA : (By-Pass Automated) device to remotely switch dosing ON/OFF