

**Bravojet-L** and **Bravojet-H**, are fertigation units with injection dosing system.

The dosing units can be configured for the installation in parallel with the main power pump, or directly connected to the pipe of the system.

Bravojet-**H** version is different from Bravojet-**L** because it has been designed to manage the fertigation in big areas and thanks to its one of a kind high dosing capacity it fears no rivals.

Bravojet can be equipped with 4 fertilizers dosing channels and 1 acid dosing channel, both of them can be configured with variable area flowmeters or with high-precision electronic flowmeters.

Stay up-to-date: with Spagnol, **your green friend!**

#### Fertilizers dosing capacity:

- BravoJet L : 600 l/h per channel.
- BravoJet H : 1500 l/h per channel.

#### Valves and sensors connections:

- By normal electric cable.
- By digital S-Bus with Expansion Box.
- By long distance radio communication.

## Injetion fertigation dosing unit.

SPAGNOL

**Bravojet L**

**Bravojet H**

DESIGNED&PRODUCED BY SPAGNOL



*{.....we take care of growing things,  
we are designers by nature.....}*



# Bravojet L Bravojet H

Spagnol fertigation units are extremely versatile and can be easily configured according to the desired irrigation system: open or closed loop for drainage recirculation.

Nutritive solutions can be directly diverted to cultivation (direct irrigation) or they can be stored into tanks to use them later on for the irrigation (indirect irrigation).

The **SWC** (soil water content) sensors for the humidity control of substrate and soil, the **Drenamatic** for the drainage control and **Gravimatic** for the irrigation management by weight, as well as many other climatic sensors, can be easily connected to the Bravojet in order to create an integrated system for the cultivation's management.

In addition to the fertigation control, BravoJet can **manage the climate** in the greenhouse in up to 4 climatic zones for 4 periods a day. In terms of nutrition and microclimate, it collects and processes a large amount of data and information, that can be subsequently processed to improve the production.

With **Vision On-Premises** and **Vision Cloud** services, the user has always the complete remote control of the entire system by his smartphone, tablet or PC.



## Vision

Everywhere and anytime connected.

### Crop growing sensors

SWC, Drenamatic, Gravimatic.



### Greenhouse climate control

4 Climatic zones.  
4 Periods per day.



### Irrigation systems

Open.  
Closed loop.



### Main technical data:

Fertilizer dosing capacity:	<b>Bravojet L</b> up to 600 l/h for each channel / <b>Bravojet H</b> up to 1500 l/h for each channel.
Fertilizer dosing channels nr.	Up to 4 / with visual flow meter or electronic flow meter.
Acid/basic dosing channels nr.	Up to 1 / with visual flow meter or electronic flow meter; diluted or concentrate acid solution.
Valves command nr.	Up to 300/ irrigation valves, irrigation quantity by time or volume.
EC sensors:	1 or 2 EC sensor with temperature measurement and compensation.
pH sensors:	1 or 2 pH glass electrode sensors.
User interface:	Standard industrial keyboard + Touch screen.
Dosage type:	Total EC / proportional / combined EC+proportional / fertilizer quantity / fertilizer quantity stop.
Irrigation Programs:	150 multi-function irrigation programs.
Type of irrigation systems:	Open loop / closed loop / ebb & flood / direct irrigation / indirect irrigation.
Irrigation management:	Time / pause-work / light sum / in function of the drainage (Drenamatic) / in function of the weight (Gravimatic).
Weather station:	Weather station with sensors on demand ( wind / rain / temperature / humidity / solar radiation ).
Greenhouse climate management:	Up to 4 zones with 4 periods per day. Command of: vents / heatings / screens / cooling / fog / Co2 / inflation.
Other programs:	Fog and antifrost system management/ filters washing / system washing.
Communication:	PC supervision by Vision On-Premises / mobile supervision by Vision Cloud.



VIDOR - TV - ITALY



+39 0423 986083



info@spagnol.com



www.spagnol.com

