



Spray Boom Controls

Pressure, GPS or Flow Based

Pressure Based Controls

Pressure based controls are the traditional type of sprayer control that most operators learned on. In a typical boom spray application, the most important variable is the ground speed of the application. The application rate is based on vehicle speed, pressure and spray tip. This type of control allows you to easily monitor your pressure setting and boom sections.

EC-VMAFS

Our exclusive All-Function Controls include master On/Off with individual 3 section boom control, liquid filled pressure gauge, foam marker switches (L, R, Both), 3 section lift actuator switches, power switch, pressure adjustment switch and wire harness.



SDI All Function Control Box

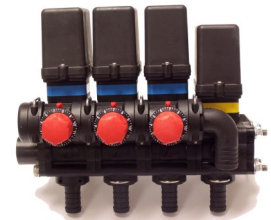


EC-VM401 Control Box

EC-VM401

A basic spray control system with master On/Off, 3 section boom control, liquid filled pressure gauge, pressure bump switch, wire harness and universal mounting bracket. Everything you need for your application and nothing you don't.

The above controls feature motorized valves with metered bypass valves. When properly adjusted, the bypass valves will balance the spray pressure when one or more boom sections are off. These valves are rated at up to 290psi and 31gpm.



Motorized Valves with
Metered Bypass

2040LWP



2040LWP Control Box

These are an economical alternative to the above motorized valve packages. The 2040LWP includes a spray control box with master On/Off, 3 section boom control, liquid filled pressure gauge, pressure bump switch, mounting bracket and wire harness. The solenoid valves include a pressure regulator and have a maximum operating pressure of 175psi with a maximum flow of 18gpm.



Solenoid Valve Bank

GPS Spray Controls

The Arag® Ninja spray control system gives you automatic spray control at each individual nozzle when used with the Seletron nozzle holder. It eliminates spray overlap and will automatically adjust your application rate to your travel speed for superior coverage. With the Ninja system you get individual nozzle control, at the nozzle! The dual nozzle *Seletron* nozzle holders allow for variable speeds and rates. This system has the ability to use WAAS, DGPS and Glonass for basic error correction. You can utilize optional Terrastar or RTK error correction for pass to pass accuracy within 2". Get real time on-screen guidance and gain a rapid return on your investment with chemical savings and increased efficiency.



Ninja Console



Seletron Dual Nozzle Holder

Flow Based Controls

Flow based controls are also known as computerized controls. They differ from traditional pressure based controls because they monitor the flow of material through the system instead of just monitoring pressure. These controls are desirable because they will maintain their preset spray rate by automatically compensating for ground speed.

MT01878

The **Micro-Trak RateKing Plus** is a computerized spray control system that allows the operator to maintain a programmed spray rate regardless of speed changes. The main control box incorporates a master On/Off switch, 3 section boom control, and GPS speed control.



MT01878



Raven SCS 440

Raven SCS 440™

The **Raven SCS 440** Sprayer Flow Control system also automatically maintains a programmed application rate regardless of changes in application speed. Each system uses either a wheel sensor, GPS or radar speed sensor for speed control.

Either of the above computerized control systems include the SDI electric motorized control valves shown on the front page without the metered bypass function for optimum performance.



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