

Downtime Costs. **Get the System That Pays.** The Max Series Multi-Axis Servo Machines by ARTomation.

The most sophisticated, yet simple panel painting system is here.

Coating a 3 dimensional part on a paint line requires accuracy. Too thick or too thin a film can change the appearance of many coatings. On a production line, flexibility and ease of use can save countless hours. The Max Series precision servo drive machines are specifically designed to provide the greatest flexibility and technical performance for the least amount of money in the market.

■ FEATURES AND BENEFITS

Precise:

The Max Series motion system uses heavy-duty precision servo drive motors, a non-slip cogged belt, and digital control technology to deliver repeatable, accurate positioning to within thousandths of an inch. Voltage-to-pressure transducers provide precise spray gun control for perfect film deposition with any paint or coating.

Flexible: Footprint Fits Existing Booths

Available in a full range of sizes. Designed to fit into an existing spray booth or custom designed for large parts. The patented software technology allows you to maximize the use of your space. The Max Series provides unparalleled flexibility to track with a moving part on the line to get more coverage on difficult to coat parts, or is able to move and accurately coat a stationary part.

Easy to Use:

The Windows OS interface is intuitive and easy to use. The Max Series software provides complete control over all parameters such as gun motion, triggering, flow rates, atomization air, shaping air, bell speed, and KV with the click of a mouse or touch screen option. You can even export your recipe database to popular programs such as Excel. Pre-programmed routines for horizontal and vertical reciprocators allow rapid development.

Strong:

The payload capacity of the Max Series is enough to carry multiple spray guns, electrostatic bells, and all the cables and hoses needed for any spray paint job.

Fast:

With a standard gun tip speed of over 200 feet per minute, the Max Series can execute paint routines quickly. The high speed capability allows for coating complex parts to improve coverage and coat three dimensional parts.

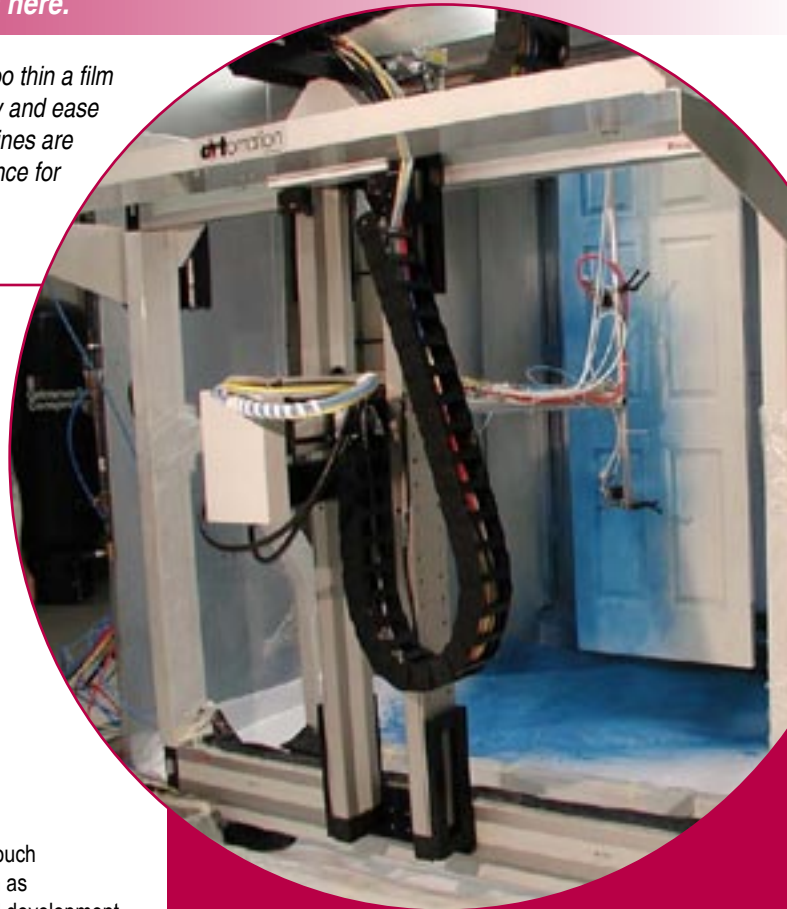
Durable:

A paint booth is an aggressive environment. The Max Series is built to perform. It's aluminum and welded steel construction and solvent resistant design are built to be tough enough to withstand even the most aggressive paints, coatings, and solvents used in any paint shop.

Explosion Proof:

Working with solvents is no problem with the Max Series XP option which provides explosion proof construction when needed.

Max Series is manufactured and assembled with pride in the USA and comes with a 1 year warranty against defects in manufacture or workmanship.



Artomation Max Series

Path 1	
Alphabetic	Categorized
Motion	
Flash Time	7 (sec)
PrePath Trigger Time	8 (sec)
Standoff Distance	13 (in)
Velocity	28 (in/sec)
Paint	
Atomization Air	35 (psi)
Turbine	30 (psi)
Fluid Flow	15 (cc/min)
Gun Trigger	On
Exit Air	75 (psi)

Standoff Distance
Sets the distance between the tip of the tool and the target to be painted (in).

For More Information Contact
sales@artomation.com

Or Call 440.234.1988
877.805.1126 Toll-free in the U.S.

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Max Series[™]

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Component Specifications

Max Series Multi-Axis:

2 & 3 – Coordinated Axis	Custom Unlimited Horizontal Range Custom Unlimited Vertical Range
Payload	Heavy Duty (Multiple guns or atomizers)
Tip Speed	2500"/per minute – standard (Up to 3500"/ per minute available)
Frame Construction	Aluminum & Welded Steel
Motor	Servo Drive

Controller:

Size	24"x24"x55"
Frame Construction	Welded Steel
Touch Screen Controls	Motion & Process Variables
Software System	Windows OS
Controller User Interface	Touch Screen or Keypad & Mouse
Database	Catalogs and Recalls Test Settings
Controls	Gun Motion, Triggering, Flow Rate, Atomization Air Pressure, Fan or Shaping Air, Bell Speed, KV

Options:

- Custom Stroke Length
- Precision Fluid Delivery System
- Automatic Color Change and Flush Routine
- Explosion Proof



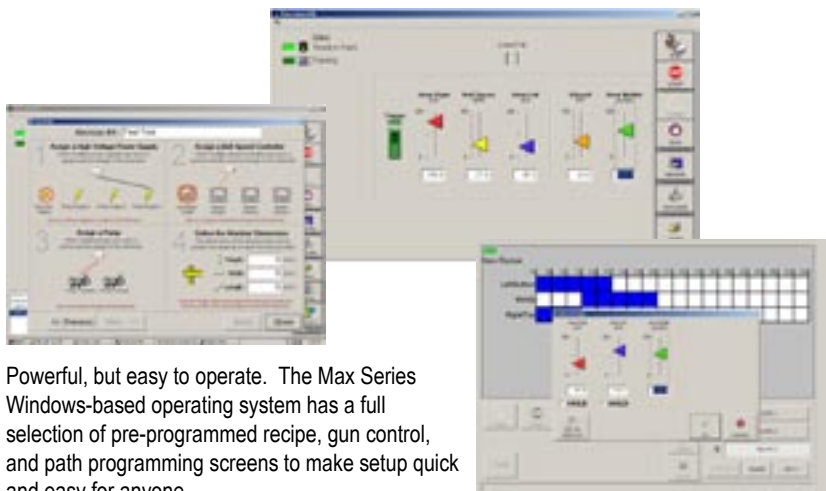
Heavy-duty servo motors for precise, repeatable motion. (Explosion proof & dust tight wiring available.)



High quality, precise, and lightweight components like our linear slide mechanism and non-slip cogged belt make the Max Series robust and durable.



Pressure transducers allow digital control of spray functions including fluid, atomizing air & shaping air.



Powerful, but easy to operate. The Max Series Windows-based operating system has a full selection of pre-programmed recipe, gun control, and path programming screens to make setup quick and easy for anyone.

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