



RMA-550

FM Listed Direct Charge Robot Mounted Rotary Atomizer

The RMA 550 is an automatic robot mounted rotary atomizer capable of spraying solventborne coatings electrostatically or non-electrostatically. The 550 incorporates the latest in high-speed spindle technology and the latest in bell cup and shape air design providing the best in class atomization technology and pattern control.

The RMA 550 bell cups are designed for durability and all wetted components are designed to offer maximum in wear and chemical resistance. The Bell's heavy duty design insures excellent service life even when

subjected to the quick motions of robotic applications. Components are constructed of durable engineered resins for optimum mechanical strength and solvent resistance.

The applicators aerodynamic shape provides maneuverability into tight spaces and provides ease of cleaning. The easily removable front and rear shrouds, turbine assembly and internally mounted fluid valves, make offline maintenance more efficient. Fitting-less tubing bundle allows for quick and easy access for repairs.



FEATURES

- Factory Mutual (FM) Listed applicator
- True Dual Purge Technology
- No high voltage cable
- Color coded tubing bundle
- Proven long-life
- Less waste to the spray booth

Electrical	
Power Supply Type:	MicroPak 2e
Charging Method:	Direct
Output Voltage:	30-90kV variable (90kV maximum)
Output Current:	90 μ A
Turbine Speed Control:	MicroPak 2e
Mechanical	
Weight (Dual Flex)	
Atomizer Only:	11 lbs. (5.0 Kg)
Turbine Type:	Air Bearing Impulse Drive
Turbine Air Supply:	Variable
Maximum/Minimum Turbine Speed:	20,000 to 55,000 rpm (dependent on air flow rate)
Tubing Bundle Max. Rotation:	450° in Either Direction
Bearing Air Supply at the Applicator: (Nominal):	90 psig (\pm 10 psi) (621 kPa \pm 69 kPa) 2.9 SCFM (82 slpm)
Brake Air Supply (Nominal):	60-100 psig (414-689 kPa)
Maximum Fluid Pressure Supply:	
Paint:	150 psi (1035 kPa)
Solvent:	150 psi (1035 kPa)
Fluid Flow Rate:	25-500 cc/min



Color coded tubing bundle for easy identification.

Let's start a conversation

We want to work together to help answer your application challenges. To learn more about what we can offer, visit our website at Carlisleleft.com or call us today.

 [youtube.com/CarlisleFluidTechnologiesGlobal](https://www.youtube.com/CarlisleFluidTechnologiesGlobal)

 @CarlisleFT

 [linkedin.com/company/carlisle-fluid-technologies](https://www.linkedin.com/company/carlisle-fluid-technologies)



North America 1.800.992.4657
EMEA 44.0.1202.571111
China 86.21.33730108
Japan 81.45.785.6421

marketing@carlisleleft.com
marketing-uk@carlisleleft.eu
mkt_cn@carlisleleft.com
jp-rans-tokyosales@carlisleleft.com

