



Spraying Systems Co.
Experts in Spray Technology

ACCUJET®

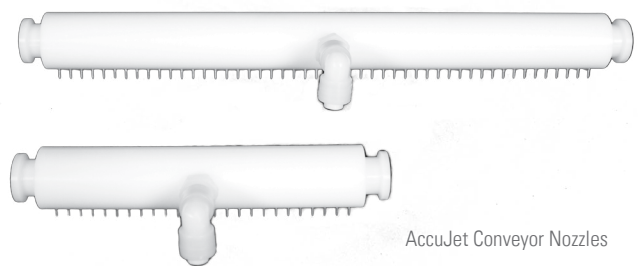
ELECTROSTATIC CONVEYOR SYSTEM

PRODUCT OVERVIEW

The patented Electrostatic Conveyor system is designed to deliver a very fine, uniform spray at low flow rates to improve product quality, eliminate misting and over spray, save lubricant, and reduce maintenance and cleanup. The nozzle uses electrostatic technology with flow rates ranging from 0.01 - 5 cc/min to evenly apply droplets for consistent coating. This accuracy reduces product contamination and over spray creating a safer, cleaner, work environment.

FEATURES & BENEFITS

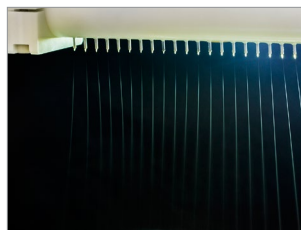
- Improves product quality with uniform pan coating
- High transfer efficiency saves on costly oils and coatings
- Greatly reduces misting and overspray, creating a cleaner and safer work environment
- Minimizes nozzle clogging sometimes present in conventional spray systems
- Easy to maintain



TYPICAL APPLICATIONS

- PAN COATING
- BAKERY & SNACK APPLICATIONS
- ROLLED METAL LUBRICATION

Pan Coating



Bakery & Snack Applications



Rolled Metal Lubrication



SPECIFICATIONS

Conveyor Nozzle	
Width	6" or 12"
Orifice Size	0.020" (0.51 mm) or 0.030" (0.79 mm)
Flow Rate (per nozzle)	0.1 cc/min - 20 cc/min
Coverage Area (per nozzle)	6-inch nozzle: 6" - 8" wide
	12-inch nozzle: 12" - 14" wide
System Sizes	12", 18", 24", 30", 36", custom sizes available (combined width, all nozzles)

Spray controller
Choose from standard controller or stainless steel, NEMA 4X-enclosed controller
Fluid Delivery Systems
16-L reservoir w/ piston-style pump (choice of standard industrial or stainless steel fittings)
Dip tube and panel mounted pump with distribution manifold



HOW DOES ELECTROSTATIC SPRAY COATING WORK?

In electrostatic spraying, a negatively charged liquid coating is attracted to a neutral, grounded target. This simple principle has powerful implications for advanced coating technology.

The physical attraction of the liquid to the target pulls the coating to the surface, providing a very high transfer efficiency (typically over 90%).

Due to the attraction and low flow precision spray, overspray is virtually eliminated, reducing clean-up and improving the work environment.



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