



Spraying Systems Co.
Experts in Spray Technology

ACCUJET[®]

ELECTROSTATIC CHAIN OILER SYSTEM

THE NEXT GENERATION OF PRECISION AND CONTROL, FOR SUPERIOR PERFORMANCE ON YOUR LUBRICATION APPLICATION

The patented AccuJet[®] Electrostatic Single Point Spray System improves chain lubrication while greatly reducing oil consumption and downtime. The electrostatic nozzles apply chain lube to the key lubrication points on the chain with extremely high transfer efficiency, saving oil, reducing chain breaks and limiting the downtime often associated with chain-driven conveyors.

The system's low-flow injector pumps can deliver lubricant to as many as eight electrostatic spray nozzles simultaneously. Pumps can be individually adjusted to deliver the precise volume of lubrication required to each spray nozzle.

FEATURES & BENEFITS

- Nozzles can provide constant spray or be cycled to spray when needed
- Completely uniform lubrication of critical areas between the pin and bushings, with high-transfer efficiency, reduces oil usage, extends chain life
- Pressure sensor inputs for monitoring nozzle pressure
- Trigger input for sensing the presence of a target
- User-friendly control panel shows system status with LED indicators
- Reduces system downtime, system will monitor if oil/materials are low, if air pressure is low, pressure sensor is off, or an arc occurs, simply clear condition and hit reset to clear
- Low flow rates, flow rate controlled, saving costs on materials used
- Minimal overspray creates a safer, cleaner, work environment



AccuJet Spray Controller



AccuJet Single-Point Continuous Nozzle



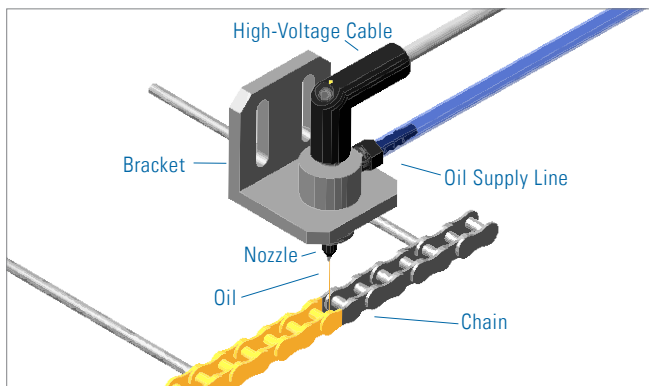
AccuJet Single-Point Intermittent Nozzle

SPECIFICATIONS

Electrostatic spray nozzles available with flow rates ranging from .01 – 5 cc/min each to accommodate different chain sizes and configurations
Precision low-flow oil pumps provide individual flow control for each nozzle
Standard system accommodates 1 - 4 pumps and spray nozzles. Custom system can accommodate up to 8 pumps and nozzles
16 liter reservoir includes built-in strainer and oil level switch
Low oil level, low air pressure, nozzle pressure, and high-voltage fault detection circuits
Available with NEMA 4X controller

Quick-disconnect high voltage cables and liquid fittings
Relatively low operating voltage (less than 30 kV*) with extremely low amperage (less than 1.5mA)
Air Requirements – 60 psi (4 bar) minimum
Power requirements - 24VDC 2.5A
cTUVus control panel and CE compliant
Automatic high voltage shutoff in the event of arcing
Burst mode adds 20% more oil/material when needed

*Comparable systems run at 90kV



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 an object's 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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