



Spraying Systems Co.
Experts in Spray Technology

ASK THE EXPERTS

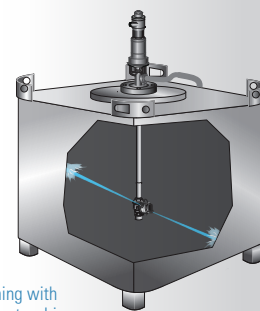
HOW TO IMPROVE YOUR OPERATIONS WITH SPRAY TECHNOLOGY

If you'd like to improve efficiency, reduce use of chemicals, water and energy, decrease waste or increase worker safety in spray operations, we can help. Our local spray specialists, with decades of application experience, are right where you need them – in your area. They are standing by and ready to help with applications like those listed here and many others.

Call 800-95-SPRAY or visit spray.com to contact your local spray specialist.

CLEANING/WASHING AND SANITIZING/DISINFECTING

- Tank and vessel cleaning
- Sanitation in food processing plants
- Car and truck washing
- Descaling steel
- Etching printed circuit boards
- Cleaning screens and filters
- High pressure washing
- Cabinet- and tunnel-type parts washers
- Animal carcass washing
- Washing cans and bottles before filling
- Disinfecting work areas
- Fogging rooms for disinfection
- Sanitizing conveyors and processing equipment
- General plant sanitation



Tank cleaning with TankJet® motor-driven tank cleaner

COATING

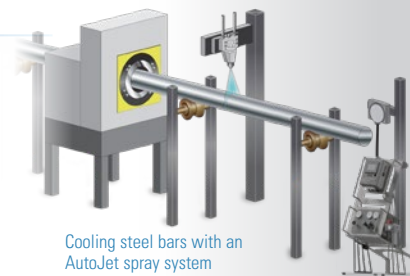
- Tablet coating
- Coating meat for pathogen protection
- Coating baked goods with egg wash, butter, glazes or chocolate
- Microencapsulating active ingredients
- Mold inhibitor and mold release application
- Applying special coatings on paper
- Glazing of bricks and tile
- Internal coating of food and beverage cans
- Bread pan oiling
- Coating glass to prevent breakage



Egg wash application with an AutoJet® Precision Spray Control system

COOLING

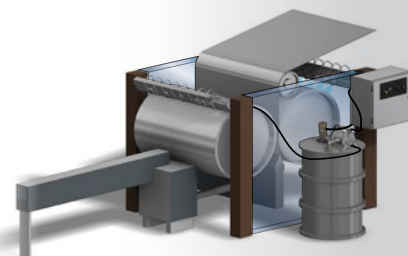
- Cooling steel in continuous casters
- Quenching metals after heat treating
- Roll cooling in steel mills
- Cooling food jars after processing
- Zoned cooling of roofing materials
- Evaporative cooling for livestock and poultry
- Cooling extruded PVC pipe
- Spray ponds to cool water from heat exchanger



Cooling steel bars with an AutoJet spray system

LUBRICATION

- Lubricating molds and dies
- Hydraulic press oiling
- Applying lubricants and protective oils to metal sheets and strips
- Lubricating cutting blades
- Lubricating conveyor chains
- Lubricating carpet and textile fibers to prevent breakage
- Spraying lubricant on tires for mounting to rims



Lubricating rollers with an AutoJet spray system

GAS CONDITIONING & DUST CONTROL

- Cooling and humidification prior to electrostatic precipitation
- Gas scrubbing in ducts and scrubbing towers
- Aqueous ammonia injection for NOx control
- Humidification of lime slurry for SO₂ removal
- Coal and ore dust control at dumping, loading and conveyor transfer points
- Controlling iron oxide dust in steel rolling mills
- Dust containment at cement plants
- Dust suppression in grain bin loading
- Centrifugal wet dust collector
- Fly ash discharge from stacks and incinerators
- Air washers in air conditioning systems
- Odor control in tire manufacturing processes and smokestacks



Cooling hot gas with FloMax® spray injectors

MARKING

- Marking nail lines on engineered wood and roofing materials
- Marking flaws in non-woven products
- Marking products for identification
- Spraying bar codes



Nail marking on OSB with a PanelSpray®-NM system

FIRE PROTECTION

- Ships and submarines
- Industrial kitchen appliances and exhaust hoods
- Telecommunication and computer racks
- Petrochemical storage tanks
- Pipe tunnels in steel mills and refineries
- Rocket and missile launch pads
- Offshore oil rigs



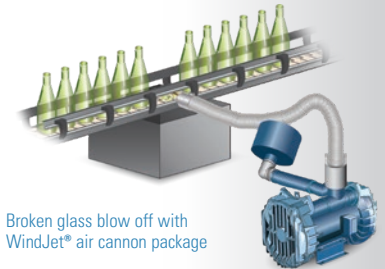
Safeguarding with fire protection nozzles

HUMIDIFYING & FOGGING

- Humidifying printing plants
- Sanitizing food processing equipment
- Preventing cross-contamination during pharmaceutical manufacturing
- Humidifying greenhouses
- Eliminating static electricity in PCB manufacturing
- Humidifying clean rooms

DRYING AND BLOW-OFF: COMPRESSED AND BLOWER AIR

- Bottle and can drying
- Blowing off excess liquid after parts washing
- Removing liquid from aluminum sheets
- Drying printed circuit boards
- Creating air curtains in multi-stage parts washers



Broken glass blow off with WindJet® air cannon package



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