



SPRAY TECHNOLOGY FOR THE CONFECTIONERY INDUSTRY

Manufacturers in the confectionery industry face numerous challenges to ensure the safety and quality of their products. Leading confectionery companies rely on BETE spray solutions to improve efficiency, minimize waste, and reduce costs in their production processes.

With over 70 years of experience in nozzle design, engineering, and manufacturing, BETE offers a comprehensive range of spray solutions. Our team of spray experts delivers solutions that consistently surpass customer expectations in every detail, ensuring your products meet the highest standards.

EXPLORE BETE'S RANGE OF CANDY MANUFACTURING SPRAY APPLICATIONS

COATING & LUBRICATION

- Precision spray coating of flavorings, sugar slurries, chocolate, butter
- Exact application of release agents on pans, trays, and molds

TANK CLEANING & MIXING

- Clean process/blending tanks, storage tanks, totes, spray dryers, and cyclones
- Mix/blend ingredients and keep product in state of suspension

CLEANING & SANITATION

- Clean process ovens, conveyors, and equipment
- Wash and sanitize production areas

PLANT OPTIMIZATIONS

- Compressed air solutions for product/ingredient transfer, blow-off/cleaning, spot-cooling, and static elimination
- Compressed air wet/dry vacuums
- Water conservation and treatment solutions
- Spray lances and manifolds for optimal nozzle placement and positioning



ACHIEVE RELIABILITY, SAFETY, & QUALITY IN YOUR CONFECTIONERY WITH OUR INNOVATIVE SPRAY TECHNOLOGY SOLUTIONS



ENSURE PRECISE SPRAY CONTROL & FLEXIBLE AUTOMATION WITH FLEXFLOW® SPRAY SYSTEMS

Our automated spray systems, like the **FlexFlow**, ensure precision spray control and flexible automation for applying coatings such as flavorings, sugar slurries, and antimicrobials onto products or oils and release agents onto process equipment. Combine the **Electric HydroPulse® (EHP)** automatic spray nozzle with the FlexFlow spray controller, and you have an expertly engineered solution for precise intermittent spraying capabilities.

- **Hygienic design**
- **Capable of cycling on/off up to 150 cycles per second**
- **Improve product consistency with uniform and repeatable coverage**
- **Reduce consumption of expensive coatings**
- **Eliminate overspray waste and improve product quality**
- **Exact target coatings secure a clean and safe environment**



**FlexFlow® Spray Control System
& Electric HydroPulse® (EHP)**

MAXIMIZE CLEANING EFFICIENCY WITH BETE TANK WASHING NOZZLES

BETE specializes in spray technology for hygienic tank and equipment cleaning, offering a complete line of products for an extensive range of tank sizes and soil types. Our tank cleaning nozzles maximize efficiency and remove soils effectively. Our engineering experts can recommend the ideal spray nozzle for your tank cleaning solution.

PREVENT DOWNTIME WITH CLOG-RESISTANT STATIONARY NOZZLES

- **No moving parts, durable**
- **Low maintenance**
- **Options that allow up to three times the free passage of standard spray balls**

CLEAN FASTER & REDUCE WATER CONSUMPTION WITH ROTARY SPRAY HEADS

- **Up to 40% water savings compared to static spray balls**
- **Greater impact penetrates difficult soils**
- **Reduces the use of costly chemicals**



HydroClaw®



**HydroWhirl®
Orbitor 100**



HydroWhirl® S



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