



# SPRAY TECHNOLOGY FOR THE PET FOOD & SUPPLIES INDUSTRY

Manufacturers of pet foods and products encounter numerous challenges to ensure the safety and quality of pet supplies. Leading pet companies rely on BETE spray solutions to improve efficiency, minimize waste, and reduce costs for their manufacturing 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 deliver solutions that consistently surpass customer expectations in every detail so that your products meet the highest standards.

## EXPLORE BETE'S RANGE OF SPRAY SOLUTIONS

### COATING

- Spray release agents to prevent kibble from adhering to dryer belts, avoiding wasted product and unnecessary downtime.
- Extend shelf life and prevent bacteria growth with uniform spray applications of anti-microbial or sterilizing agents on pet food, conveyors, and packaging.
- Stop wasting expensive additives and improve product quality with precise application of flavorings, colorings, nutrients, proteins, palatants, and vitamins inside tumblers or drums.
- Minimize waste and overspray with the precise application of fragrances onto pet litter and bedding supplies.

### TANK & EQUIPMENT CLEANING

- Ensure the production of safe and hygienic pet food by cleaning tanks and sanitizing equipment with tank cleaning nozzles.

### CONVEYOR CLEANING & SANITIZING

### HUMIDIFICATION & COOLING

- Maintain ambient temperatures in storage rooms with fine spray atomization.
- Ensure product quality and stability by cooling finished products with uniform spray coverage.

### SPRAY DRYING

### TANK MIXING



# ACHIEVE RELIABILITY, SAFETY, & QUALITY IN YOUR PET PRODUCTS 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 applications like applying additives and palatants on dry kibble, antimicrobials, sterilizing agents onto packaging. 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**
- **Reduce 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 & PREVENT BATCH CONTAMINATION WITH BETE TANK WASHING NOZZLES

No matter your cleaning challenge, BETE specializes in spray technology for hygienic tank and equipment cleaning, offering a complete line of products for every tank size and soil type. 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**
- **Compact sizes**

### CLEAN FASTER & REDUCE WATER CONSUMPTION WITH ROTARY SPRAY HEADS

- **50% water savings compared to static spray balls**
- **40% faster cleaning using less energy**
- **Greater mechanical force penetrates difficult soils**
- **Reduces use of costly chemicals**



**HydroClaw®**



**HydroWhirl® Orbitor 100**



**HydroWhirl® S**



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