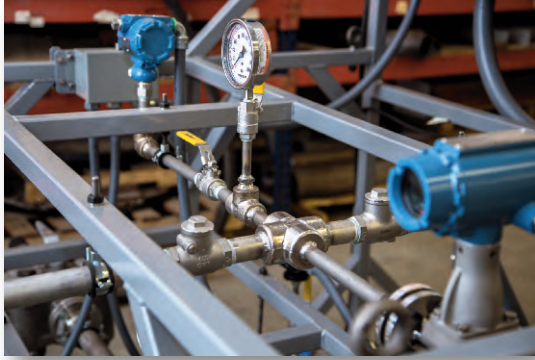


Spray Systems

Leveraging decades of experience with advanced engineering and manufacturing resources, BETE has grown far beyond just spray nozzles and today we offer a one-stop shop for complete spray system solutions.

Visit www.bete.com/spray-systems for a video demo and more information.



Exhaust Gas Cooling System



Aluminum Plate Quench System



The Whole Package

When it comes to providing high quality spray performance for your process, selection of an appropriate spray nozzle model is only the first step in successful implementation. Just as critical as spray nozzle selection is the engineering of upstream flow control equipment, such as pump and flow control skids, to ensure that nozzles are supplied with the proper fluid conditions to function as intended.

BETE's deep understanding of spray nozzle and fluid system performance allows us to design and build custom-tailored flow control systems that meet the specific needs of your spray process. Alternatively, if you have an existing spray system that does not perform as desired, we can evaluate your system and recommend changes to improve the performance and reliability of your spray process. Using a variety of engineering resources, we evaluate pressure losses caused by pipe friction, elevation, and valve or instrument flow coefficients. We then adjust pump and nozzle performance curves accordingly to make sure that your system will operate exactly the way you need it to.

For spray processes that require automation, our engineers have experience with a variety of controls options that can make spray parameter adjustments based on real-time process signals and feedback loops. These spray systems can operate as stand-alone units or further integrate with central plant control systems for remote monitoring and control input.

Our engineered systems may include any or all of the following components:

- Nozzles/lances
- Piping/tubing/fittings
- Valves
- Pressure regulators
- Strainers/filters
- Solenoids
- Pumps/motors
- Automatic control valves
- Pressure/temperature/flow sensors
- Variable Frequency Drives (VFDs)
- Programmable Logic Controllers (PLC)
- Switches, relays, and other electrical hardware
- Structural skid frames

Complete Spray System Solutions

From process engineering and nozzle selection assistance all the way to implementation of automated spray systems, contact us today to see how we can help you increase the performance, reliability, efficiency, and profitability of your spray process.