

SPRAY OPTIMIZATION STRATEGIES

ENSURE TOTAL INTEGRATION AND OPTIMAL PERFORMANCE WITH CUSTOM SPRAY LANCES AND HEADERS

The most critical components in any spray system are the spray nozzles, but other components – lances, headers, manifolds – can have an impact on the effectiveness of the system. That's why we offer custom design and fabrication services – to ensure trouble-free spray performance and the convenience of working with a single supplier.

We offer a line of standard lances and headers that may be suitable for your application, but if you require something a bit unusual or are challenged by tight physical requirements, we can help. Our engineers routinely work with special materials, special coatings, a wide range of connections/configurations and non-standard lengths up to 25 ft. (7.6 m).

You'll find we've invested heavily to keep pace with our customers' needs. We are compliant with many ASME® manufacturing codes as well as ANSI® and ASTM® testing standards. In addition, we have ISO 9001: 2000 and ISO 14001 certification and provide complete material traceability, Material Test Reports (MTR), Certificates of Conformance and more.

TELL US WHAT YOU NEED AND WE'LL DESIGN IT

Recent examples of custom fabrication projects include:

- Insulated, water- or steam-jacketed lances for high temperature applications.
- Retractable lances to avoid process interruption.
- Flexible lances with flexible hose adjustment for easy nozzle positioning.
- Desuperheating lances for reduction in steam volume.
- Spray headers that accommodate many different nozzle types to save space and money.
- Spray headers that ensure perfect overlapping of sprays to achieve uniform coverage.
- Open channel and enclosed box style headers that include a hot water recirculation system to maintain consistent temperature of the solution being sprayed.
- Headers with control systems to automate operation and optimize performance.



Custom Spray Lances and Headers
www.sprayfab.com



Spraying Systems Co.®
Experts in Spray Technology

Spray Fabrication

Automatic Brush Showers:
Eliminate downtime due to clogged nozzles with automated showers that clean without process interruption

Custom Lances:
Specify the material, coating, length, connection type and any other special requirements – we'll do the rest

Enclosed Box Style Headers:
Protect nozzles and connections from debris with a box style design

Complete Documentation:
Drawings, material traceability documents, material test results, weld procedures and more are all part of the documentation we provide with all custom lances and headers

Multiple Nozzle Lance:
Designed for kiln cooling, this lance provides small drops and high flow rates

