



Spraying Systems Co.®
Experts in Spray Technology



Spray
Nozzles



Spray
Control



Spray
Analysis



Spray
Fabrication



Air Atomizing Spray Manifolds

Your single source solution for nozzles and manifolds

- **Variety of manifold configurations designed to your exact requirements**
- **Save time with readily available spray solutions**
- **Ensure spray quality with optimum spray performance**
- **Eliminate integration and coordination problems with a single source solution**

When your spray nozzle positioning and mounting is off, even the most precise nozzles will not work effectively. That's why Spraying Systems Co. offers a complete product line of Air Atomizing Spray Manifolds for covering a wide variety of spray application needs.

Channel Manifold

Basic spray nozzle manifold incorporated in a C-channel for easy mounting

Benefits

- Available for use with three standard air atomizing nozzle models for quick delivery and set-up
- Flexible design enables spray gun spacing to be adjusted for precise spray placement
- Economical spray header solution

Applications

- **Pulp and Paper**
- **General Industry**

For more information and data on the Channel Type Manifold [request data sheet 52493](#)



Specifications

Maximum length: 12'

Number of zones: 1 to 3

Materials: 304SS / Elastomer, 304SS / Brass / Elastomer

Available for use with: 1/8JJAU, 1/4JAU and VAU air atomizing nozzles

Adjustable spray gun spacing

Pipe-in-Pipe Manifold

Conventional spray manifold mounted inside a slotted pipe to protect nozzles from the external environment

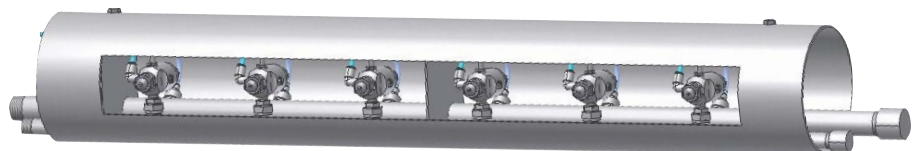
Benefits

- Lightweight for fast, easy set-up and maintenance
- Nozzle and feed pipes are fully enclosed for maximum protection and less build up, minimizing cleaning time
- Available for use with two standard air atomizing nozzle models for quick delivery and set-up

Applications

- **Pulp and Paper**
- **General Industry**

For more information and data on the Pipe-in-pipe Manifold [request data sheet 52494 and bulletin 612](#)



Specifications

Number of zones: 1 to 3

Materials: 304SS / Brass / Elastomer

Available for use with: 1/8JJAU and 1/4JAU air atomizing nozzles

Check valve and strainer integrated with each spray gun

Outer slotted pipe to protect nozzles from external build-up

53500 Manifold

Modular design manifold for industrial applications

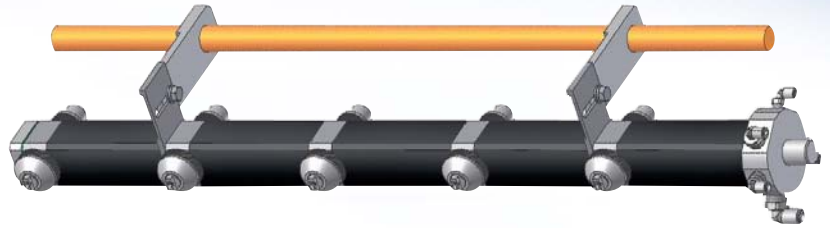
Benefits

- Lightweight for fast, easy set-up and maintenance
- Streamlining of tubing and fittings reduces downtime and simplifies cleaning
- Easy disassembly and reassembly, allowing manifold to be quickly put back in service
- Two versions available: standard and large capacity (LC)

Applications

- Pulp and Paper
- Food
- General Industry

For more information and data on the 53500 Manifold request data sheet 53500 and bulletin 610



Specifications

Maximum nozzle spacing: 9"

Maximum length: 11'

Maximum spray set-ups: 6 standard model, 15 LC model (dependent on setup selection)

Materials of construction:

Nozzles: 316 Stainless Steel

Air and liquid pipes: 316 Stainless Steel

Tube enclosure: Polypropylene

Available with a variety of mounting options

Available for use with: VMAU or adapted 1/4JAU set-ups

Choice of exposed or covered tubes

54000 Manifold

Fully integrated manifold designed specifically for tablet coating applications

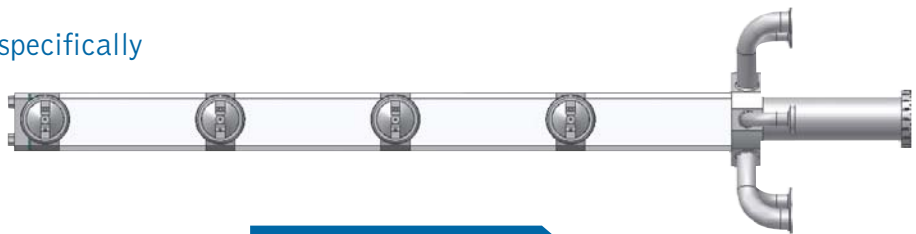
Benefits

- Lightweight for fast, easy set-up and maintenance
- Streamlining of tubing and fittings reduces downtime and simplifies cleaning
- Fast disassembly and reassembly, allowing manifold to be put back in service faster
- Mechanically polished and electro-polished surface finish, including internal flow passageways

Applications

- Tablet coating

For more information and data on the 54000 Manifold request bulletin 562A



Specifications

Maximum nozzle spacing: 9"

Maximum length: 5'

Maximum spray set-ups: 5 to 8 (depending on the set-up size)

Material: 316L /Pure FDA approved Teflon®

Specially designed for cantilevered application (indexing arms available)

Liquid recirculation

Stain resistant PVDF material available

Available for use with: VMAU or adapted 1/4JAU set-ups

Inlet connections: pipe thread, compression, or sanitary flange

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58800 Manifold

Lightweight, compact manifold allows ability to service spray nozzles while keeping piping in place

Benefits

- Lightweight for easy installation
- Corrosion resistant
- Recirculating design

Applications

- Lubrication
- Coating
- General Industry

For more information and data on the 58800 Manifold [request data sheet 58800](#)



Specifications

- Nozzle spacing: 6"
- Material: Clear anodized aluminum
- Inlet connection: 1/8" NPT (F) or 1/4" NPT (F)
- Available with 2, 3 or 4 spray nozzle assemblies
- Available for use with: 1/8JJAU-M air atomizing nozzle assemblies

Unique Design and Fabrication Capabilities

Spraying Systems Co. has developed a quality system and manufacturing process that complies with the most stringent industry requirements in order to meet your precise expectations and requirements.

Certifications and quality programs:

- ISO 9001:2000 and ISO 14001:2004 certified by BVQI
- ASME® qualified welding procedures
- cGMP compliance (audited by third party)

Code Compliance:

- ASME Boiler and Pressure Vessel Code
- ASME B31.1 Power Piping Code
- ASME B31.3 Process Piping Code
- Welding to ASME B&PV Code Section IX



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