

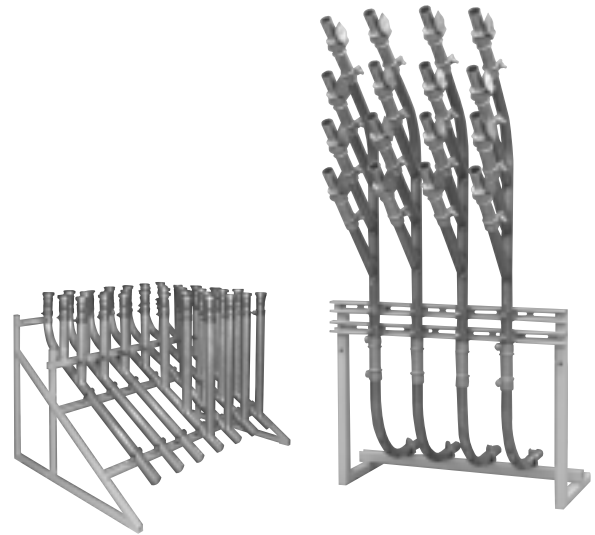
# SMS SERIES



## Manifold Systems

### ACCURATE MATERIAL DISTRIBUTION, QUICK AND EASY

Sterling's SMS Manifold System functions as an accurate material distribution station, allowing for easy transfer of material from individual storage bins to multiple destinations. The Material Distribution Station can be operated as a fully-automatic system with automatic material selection and distribution, or it can be configured for manual operation.



#### Features

- Quick change female and male couplers available for fast material connections
- Aluminum manifolds
- Standard tube sizes available 1.5"–3.0" OD
- Stands available for both horizontal and vertical manifolds (2-4 manifold stand)
- Vertical manifold configuration
- Available in (2) branch through (6) branch manifold configurations

#### Options

- Horizontal manifolds
- Stainless steel manifolds
- "WYE" tubes available to connect manifold inlets
- Stand sizes for both vertical and horizontal: 5-7 manifold stand, and 8+ manifold stand (consult factory)
- Special manifold configurations are available (consult factory)

# SMS SERIES

## Manifold Systems

### Proofing Systems

Proofing systems are available to verify that material is being distributed correctly. The proofing system consists of a contact installed where the material line meets the manifold. The contact is connected to the system's control panel, where the data can be manually reviewed or automatically proofed based on pre-programmed settings.

Proofing the system before conveying eliminates costly misdirection in the conveying system by double-checking the material sources and destinations.

Example:

SMS-A-15S-3X4 is an aluminum manifold system, standard (non-proofing) with 3 manifolds (each manifold has 4 branches for a total of 12 connection positions).

### Machine Connector

<b>Material</b>	Aluminum
<b>Line Sizes</b>	1.5" OD 2.5" OD 2.0" OD 3.0" OD
<b>Individual Machine Connectors</b>	SMC 15 (1.5" OD) SMC 20 (2.0" OD) SMC 25 (2.5" OD) SMC 30 (3.0" OD)

Individual machine connectors are available to allow final connection choices at the process

### Manifold System Model Configuration Table

SMS - - - X - X -	
<b>Model</b>	
<b>A=Aluminum</b> <b>S=Stainless Steel</b>	
<b>15S (1.5" OD)</b> <b>15P (1.5" OD)</b> <b>20S (2.0" OD)</b> <b>20P (2.0" OD)</b> <b>25S (2.5" OD)</b> <b>25P (2.5" OD)</b> <b>30S (3.0" OD)</b> <b>30P (3.0" OD)</b>	<b>S=Standard</b> <b>P=Proofing</b>
<b># of Manifolds</b>	1 2 3 4 5 6
<b># of Branches on Manifold</b>	2 4

