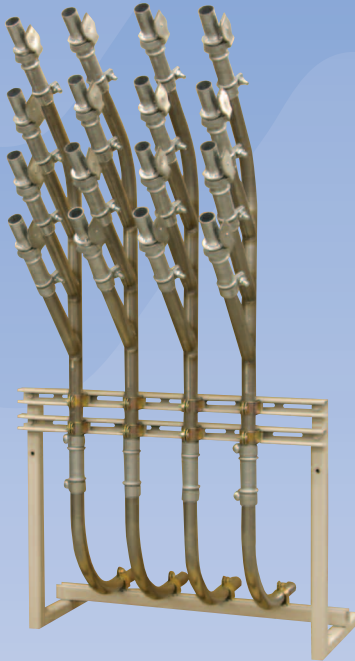




# Whitlock®

PROVIDING SOLUTIONS, NOT JUST EQUIPMENT



## SMS MANIFOLD SYSTEM

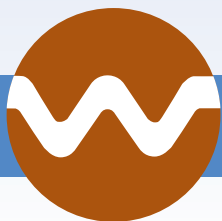
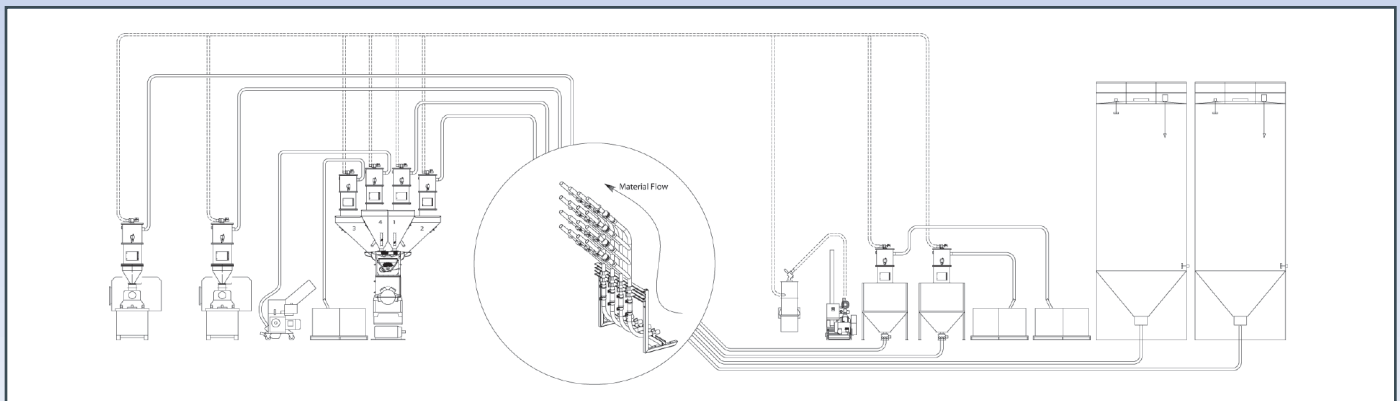
AEC's SMS Manifold System functions as an accurate material distribution station, allowing for easy transfer of material from individual storage bins to multiple destinations. The Material Distribution Station can be operated as a fully-automatic system with automatic material selection and distribution,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

### STANDARD FEATURES

- Standard temperature range: 110°F to 300°F  
High temperature range: 110°F to 400°F
- Compact size with full size performance
- Easy-to-use off-the-shelf microprocessor control provides digital temperature control up to 300°F (400°F high temperature option available)



Manifold Assembly



## SMS MANIFOLD SYSTEM

[www.aecinternet.com](http://www.aecinternet.com)



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

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