

EMERSON'S PIGGABLE MANIFOLDS

Perform Safer, Cost-effective Transfers While Eliminating Flush and Contamination

Emerson's Piggable Manifolds enable centralized, automated, hard piped transfers of bulk liquids from process areas with multiple sources to multiple destinations such as raw material unloading to storage, blending to storage, and storage to packaging/distribution.

How It Works

A manifold is a piping assembly matrix of multiple inlets and outlets. An automated valve, known as a cross over valve, enables the flow from a source line to enter any destination line. The size of the manifold is determined by the number of sources to be transferred, as well as the number of destinations for which the transfer will be made. The inlets and outlets can be pigged or dedicated. Emerson's piggable manifolds come in 2 through 6 inch line sizes and can be designed in a horizontal or vertical configuration.

Applications

Safe, efficient performance for industrial applications involving the transfer of bulk liquids such as:

- Chemicals and Intermediates – wax, adhesives, solvents, polyglycols, etc.
- Food and Beverage – oils, condiments, soups, beverages, chocolate, etc.
- Lubricants and Greases – base oils, additives, finished product lubricants, etc.
- Specialty Chemicals – resins, paints, varnishes, inks, coatings, cosmetics, personal care products, cleaning products, glue, etc.

Features and Benefits

- Eliminate the need for flushing while also eliminating the generation of slop and expensive product waste.
- Simplify complex piping and infrastructure while maintaining the ability to perform multiple, successive transfers through a single line without cross-contamination
- Minimize residual fluid with our high performance manifold
- Incorporate Emerson's specially adapted ball valve assembly which is inherently failsafe by design and not prone to leakage, unlike piggable manifolds that use piston valve technology
- Verify system performance with Emerson's performance guarantees
- Service valves easily without complete disassembly utilizing Emerson's patented, easy-ring design
- Improve HSE compliance by eliminating the need for manual hose manifolds that are prone to entanglement, leakage, and ergonomic risks
- Accommodate future lines as needed with an expandable manifold design
- Incorporate the optional capability of pigging bi-directionally

Emerson's Piggable Manifolds are an engineered solution. Consult your Emerson representative for more details.

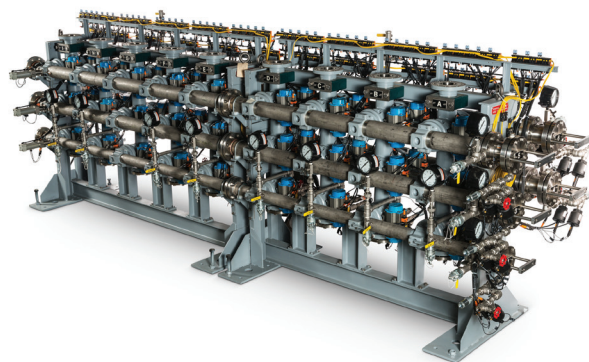
www.emerson.com/integratedblendingsolutions



A 3 inch manifold with 36 inlets and 12 outlets undergoing Factory Acceptance Testing.



A finished product manifold equipped with 8 inlets and 6 outlets. Photo courtesy of Copton.



A twin manifold with 9 inlets and 5 outlets used for transfer of a product to packaging and distribution.