

Production-Ready Solutions from PLASTIXS ...



# CUSTOM MANIFOLD *Assemblies*

... Fully Integrated to Fit Your Application

**plastiXs**  
A GLOBEUS Company

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# Custom Integrated Solutions

PlastiXs specializes in delivering custom-built manifold assemblies for a wide range of industries, and we value the opportunity to learn more about yours. By combining engineering expertise with precise manufacturing, we provide turnkey fluid distribution solutions tailored to your operation. We also offer an extensive selection of hose assemblies and fittings designed to meet even your most demanding industrial applications.

## Custom Assemblies

- ▶ Custom Aluminum Manifold Assemblies
- ▶ Custom Stainless Steel Manifold Assemblies
- ▶ Custom LinkedXValve Manifold Assemblies
- ▶ Compact Stainless Steel Manifold Assemblies

- Designed and built to your exact specifications
- Fully assembled and ready to install
- Variety of innovative options to maximize productivity

## Fast Return on Investment

- Improved project timelines with faster cycle times, setups and breakdowns
- Thousands of components in stock for fast delivery
- Convenient ordering online, by email, or by phone

## Increased Safety

- Leak-proof design, fully tested
- High-temperature hoses & secure, no-slip fittings available
- Streamlined setups that reduce slip, trip, and fall hazards
- OSHA compliant

## Quality, Service, and Value

- Quality engineered components from industry leaders
- Award-winning customer service and product support
- Industry expertise, added value, zero extra overhead





# Customer Specific Manifold Assemblies



**Custom Designed  
and Built to Your  
Specifications**



**Expert Assembly with  
Premium, High-Quality  
Components**



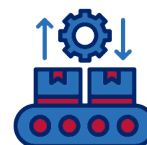
**Available in All  
Sizes with Customized  
Valves—Plug & Play Ready**



**Durable Stainless  
Steel or Aluminum  
Construction**



**Seamless and Simple  
Complete System  
Integration & Installation**



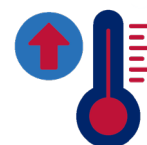
**High-Volume /  
Batch Production  
Capabilities**



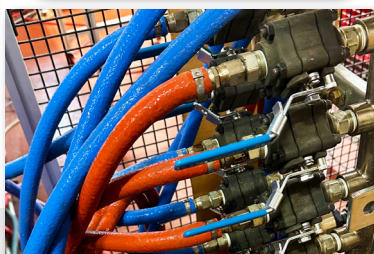
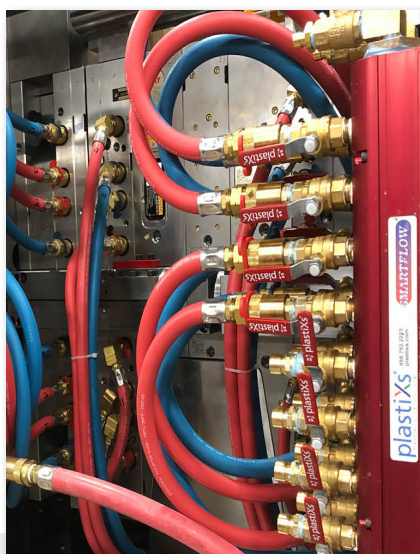
**Clean Room Ready  
Stainless Steel  
Designs**



**Expertly Serving Molding,  
Medical, Aerospace, Food,  
Semiconductor, Aerospace,  
Automotive, Agricultural  
Industries & MORE**



**HiTemp and Xtreme  
HiTemp Manifolds for  
Water to 450°F and  
Oil to 600°F**







# HiTemp & Xtreme HiTemp Manifold Assemblies

## ► HiTemp Oil Manifold Assemblies



- Manifold rated up to 600°F, 205 PSI
- All stainless steel construction reduces corrosion
- JIC connections provide leak-free assembly
- Shut-off valves designed for heat transfer oil at temperatures up to 600°F with locking handles for added safety
- Center port inlets for easy installation directly onto your oil unit



## ► HiTemp & Xtreme HiTemp Water Manifold Assemblies



- HiTemp Manifold rated up to 400°F, 250 PSI
- Xtreme HiTemp Manifold rated up to 450°F, 680 PSI
- All stainless steel construction reduces corrosion
- JIC connections provide leak-free assembly
- Shut-off valves have locking handles for added safety
- Series HTC with center inlet mounts directly to water unit for seamless and easy installation



## ► HiTemp Insulated Flexible Metal Hose

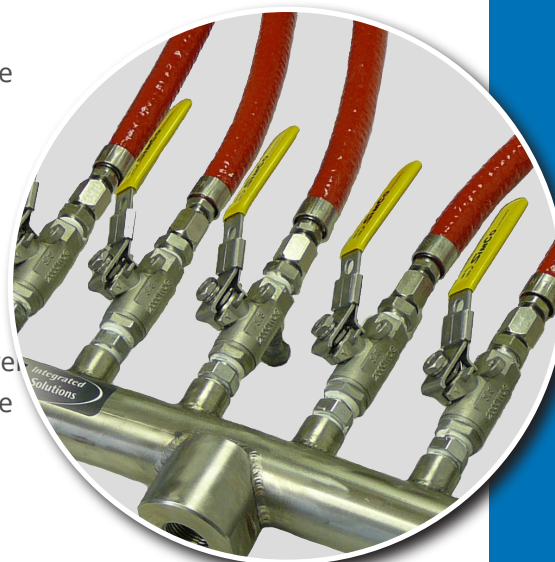


- Hose assemblies rated up to 600°F, 1000 PSI
- All stainless steel construction with corrugated stainless steel inner tube and braided cover
- Insulation sleeve with high-grade orange or blue silicone
- Stainless steel female swivel JIC fittings on each end
- Available with 1/2" and 3/8" IDs
- Available in 1.5, 4, 6, 8 and 10-foot lengths

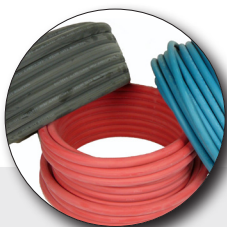
## ► HiTemp Insulated PTFE Hoses



- Hose assemblies rated up to 450°F, 1000 PSI
- Smooth PTFE inner tube and stainless steel braided cover
- Insulation sleeve with high-grade orange or blue silicone
- Stainless steel female swivel JIC fittings on each end
- Available with 3/8", 1/2", and 5/8" IDs
- Available in 2, 4, 6, 8 and 10-foot lengths



## ► HiTemp EPDM Water Hoses



- Maximum operating temperature up to 250°F, 215 PSI
- Ideal for high temperature water lines for molds
- Flexible EPDM cover is abrasion, ozone, heat and weather resistant
- Available in 3/8", 1/2" and 3/4" IDs and blue, red, or black in stock for fast delivery





# Engineered Solutions - Design/Assembly



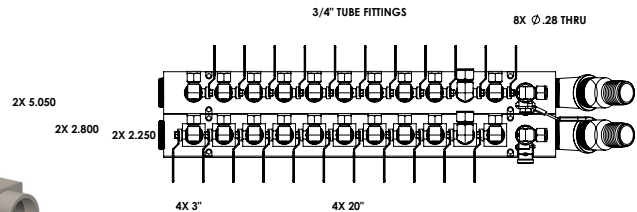
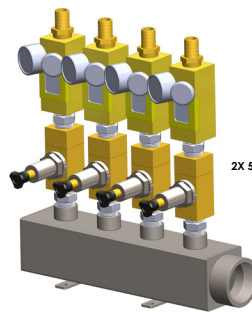
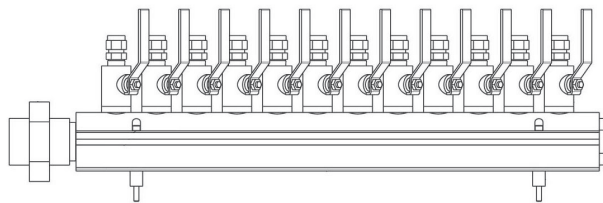
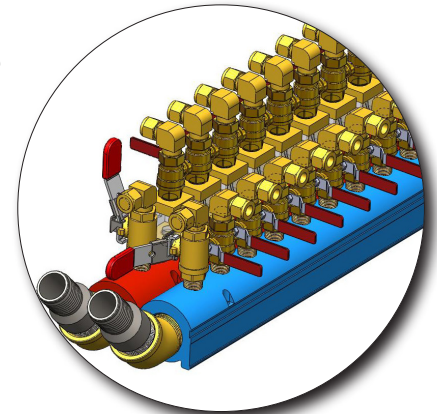
## Support

- Plastixs can provide engineering support to help you meet some of your toughest challenges. We bring unique solutions and methodologies supporting your plant staff on new applications as well as streamlining your current production operations.



## Services

- CAD Design and 3D Modeling Capabilities
- Special Material Sourcing for Application-Specific Assemblies
- High Volume Production Capabilities
- Special Shipping Requirements



## Expertly Assembled - Highest Quality Components



### SMARTFLOW® Flowmeters

- Mechanical Flowmeters • Tracer Electronic Flowmeters • Tracer Switching Flowmeters
- TracerVM Flowmeters • Hot Oil/Water Flowmeters • Dr. Eddy Flowmeters



### SMARTFLOW® Flow Regulators

- Brass Flow Regulators
- Delta-Q® Flow Regulators



### SMARTFLOW® SWAP® Valves

- SWAP Valve (Brass & Molded Body)
- Models include check valve & check valve with locking pin



### Quick Connect Couplers

- Plugs 1/4" - 1/2" body sizes, male or female NPT
- Max working pressure 200 psi, temps up to 400°F



### Linked Valve™

(US Patent 10,160,149 B2)

- Operators can actuate supply and return valves from a single side of manifold assembly
- Available for use on both 1" & 1-1/2" SMARTFLOW® aluminum manifolds & Plastixs 1" & 1-1/2" compact stainless steel manifolds



### Quick Connect Plugs

- Plugs 1/4" - 1/2" body sizes, male or female NPT
- Max working pressure 200 PSI, temps up to 400°F
- Non-valved flow-thru or valved shut-off styles



### Brass Shut-Off Valves

- Standard forged brass ball valves
- Space-saving mini ball valves (chrome plated brass)
- Vinyl covered steel lever style handle



### Magnetic Bases

- High strength Rare-Earth magnets
- Allows mounting to any metal surface
- Manifold and hose setup matched to mold





# Testimonials

"The Plastixs difference is that they bring their technical knowledge and engineering expertise to each individual application. Every assembly is designed and built to meet or exceed the performance standards demanded by today's manufacturing environment"

**Procurement Manager, global semiconductor manufacturer**

"We have had a long and successful relationship with Plastixs. They consistently provide excellent service and support for a wide range of unique products. Plastixs has become an essential part of our team."

**Molding Manager, world leader in consumer packaging**

"In my 30-plus years in the plastics industry; using, buying and even manufacturing manifolds in house, this is by far the best set of manifolds we have ever seen. The Plastixs line of manifolds will be the only manifold we will ever use. We will recommend them to our vendors and customers alike."

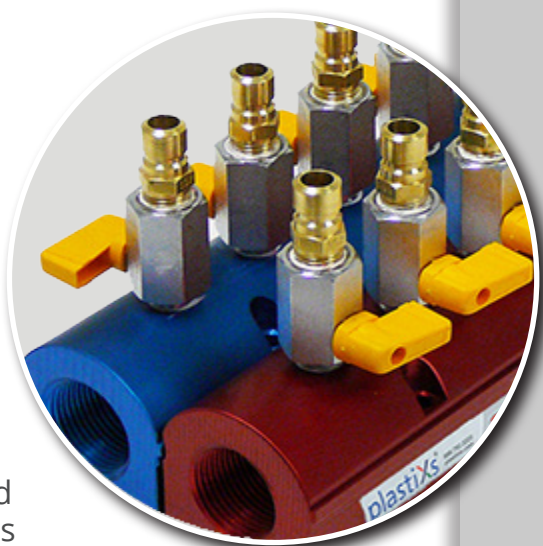
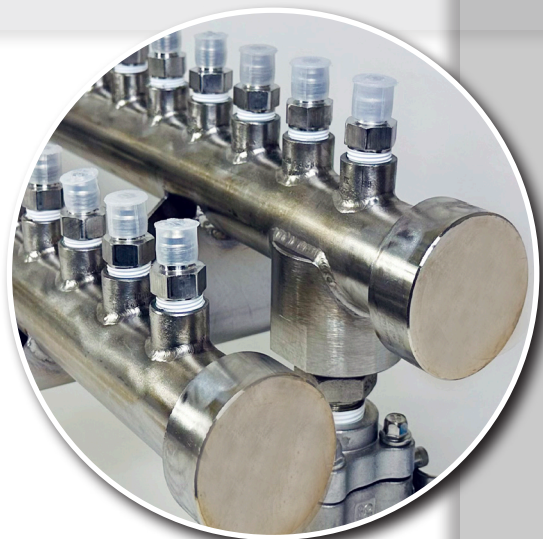
**General Manager (GM), manufacturer-oil, gas and mining**

## About Plastixs

Based in Shrewsbury, Massachusetts, Plastixs is a distributor and manufacturer of innovative, high-quality solutions for the plastics industry. With more than 35 years of experience, we understand the real-world challenges faced by plastic processors and a wide range of industrial and commercial applications—and we deliver products that keep production running smoothly.

Plastixs is more than a distributor—we are a solutions partner focused on results. We work directly with manufacturers to identify inefficiencies, solve persistent problems, and improve throughput across both new and existing equipment. Our technical expertise helps prevent minor issues from becoming costly shutdowns, driving measurable improvements in productivity and ROI.

We provide a comprehensive range of solutions, including plastic leak detection systems, mold cooling solutions, water and oil manifold assemblies, hoses and fittings for high-temperature applications, material handling hoses, mold maintenance products, and more—backed by knowledgeable support and



plastixs<sup>corp.</sup>

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