

Turn-Key Distribution Solutions from **Plastixs®** . . .



CUSTOM MANIFOLD *Assemblies*

. . . Fully Integrated to Fit Your Application

plastiXs[®]
manufacturing solutions

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Plastixs



Plastixs, LLC



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Custom Integrated Solutions

PlastiX has delivered custom built manifold assemblies into a variety of industries and we value the opportunity to learn more about yours. We apply our engineering and manufacturing expertise to deliver turn-key fluid distribution solutions to our customers. Additionally, we offer a wide range of hose assemblies and fittings that can meet your most demanding industrial applications.

Custom Assemblies

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

- Designed and built to your exact specifications
- Fully assembled and ready to install
- Many unique options available to increase productivity

Fast Return on Investment

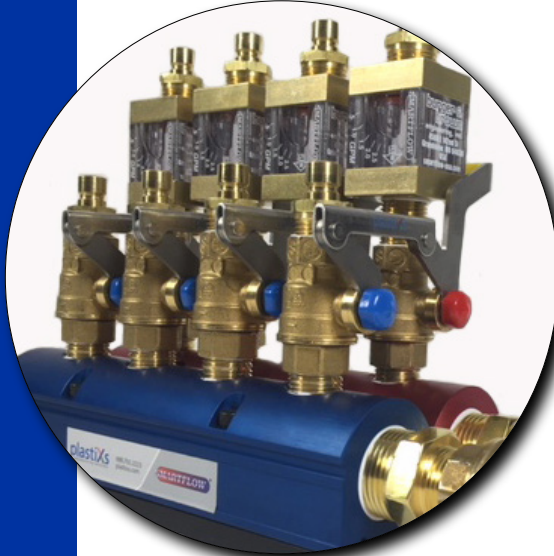
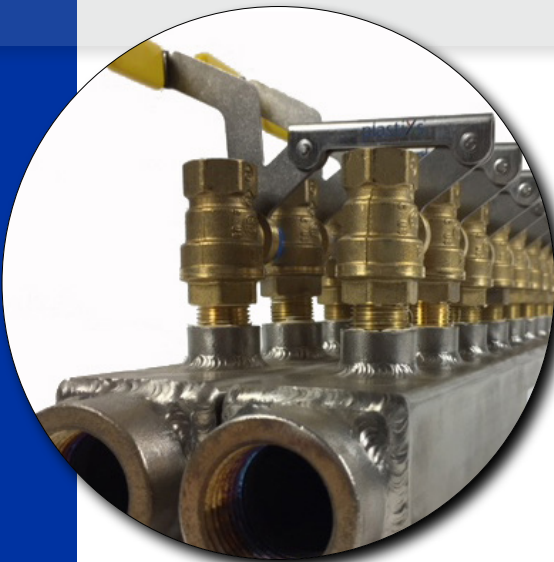
- Improved project timelines with faster cycle times, setups and teardowns
- Thousands of components in stock for fast delivery
- Easy/fast ordering online, email or phone

Increased Safety

- Leak-proof manifolds and assemblies are standard, high temperature hoses and no-slip fittings are available
- Neater setups with fewer slip, trip and fall hazards
- OSHA compliant

Quality, Service and Value

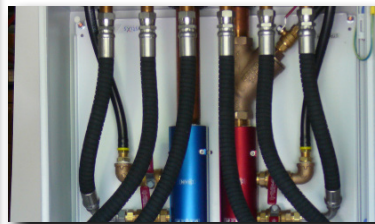
- Quality engineered components from industry leaders
- Award winning customer service and product support





Customer Specific Manifold Assemblies

- ▶ Designed and Built to Your Specifications
- ▶ Expertly Assembled with the Highest Quality Components
- ▶ All Sizes, Customized Valves, PLUG AND PLAY
- ▶ Molding, Semiconductor, Food, Medical Industries Expertly Served
- ▶ DURABLE-Stainless Steel or Aluminum Construction
- ▶ Complete Systems Integration
- ▶ **Easy to Integrate and Simple to Install**
 - Fully configurable to your application
 - Unique “Plug-n-Play” concept provides quick & easy installation
 - Special “Kits” available for High Temperature applications
- ▶ Products for High Temperature Water to 450°F and Oil to 600°F
- ▶ Built to meet customer requirements
- ▶ Clean Room Ready (Stainless Steel)
- ▶ Batch Production Capabilities
 - We assemble so you don't have to





HiTemp™ Manifold Assemblies

▶ HiTemp™ Oil Manifold Assemblies

- Manifold rated 250 psi at 600°F
- 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
- Configurable, compact design



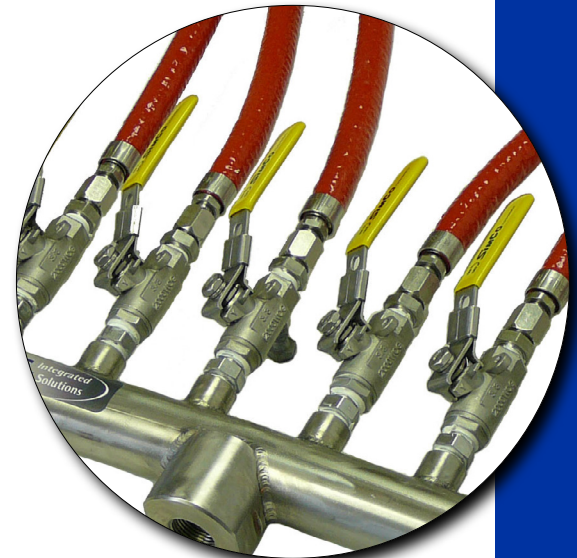
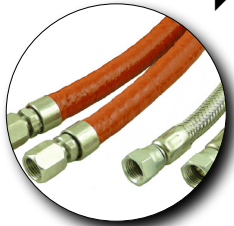
▶ HiTemp™ Water Manifold Assemblies

- Manifold rated 250 psi at 450°F
- All stainless steel construction reduces corrosion
- JIC connections provide leak free assembly
- Shut-off valves have locking handles for added safety
- Threads directly onto water unit or can be remotely connect
- Configurable, compact design is ready to install
- Series HTC with centered inlet also available - mounts directly to water unit



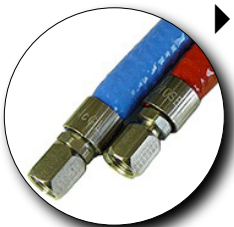
▶ HiTemp™ Insulated, Flexible Metal Hose

- Hose assemblies rated up to 600°F
- All stainless steel construction (corrugated SS tube)
- Available with 1/2" and 3/8" ID
- Assemblies covered with orange silicone insulation
- 6, 8 and 10 ft lengths available



▶ HiTemp™ Fluoropolymer Insulated Hoses

- Hose assemblies rated up to 450°F and 1,000 psi
- Provides optimal thermal insulation in high heat applications
- Prevents energy loss through hoses
- Available in 2, 4, 6, 8 ft lengths



▶ HiTemp™ EPDM Water Hoses

- Service temperature up to 284°F (140°C)
- 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" ID - blue, red or black in stock for fast delivery





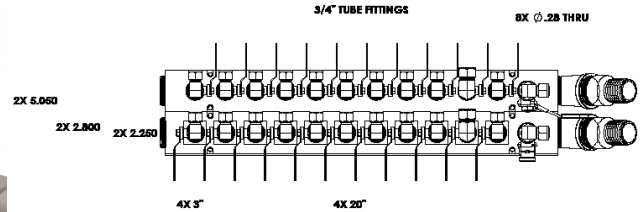
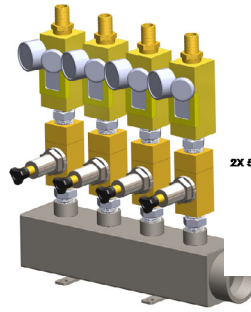
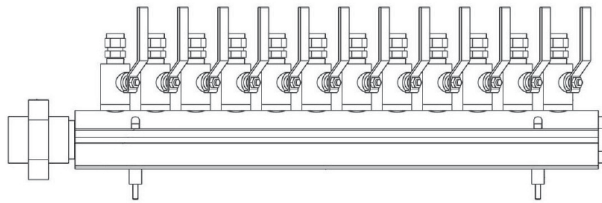
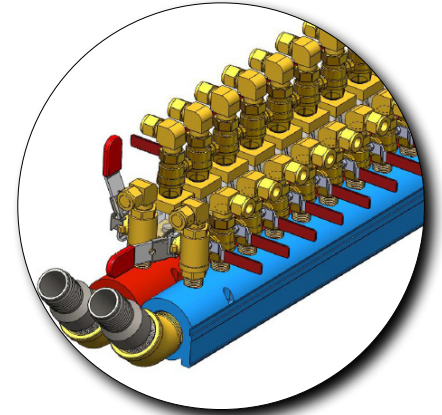
Engineered Solutions - Design/Assembly

► 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 w/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)

- 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



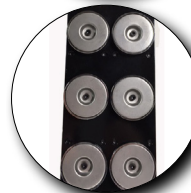
Quick Connect Plugs

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



Brass Shut-Off Valves

- Standard forged brass ball valves (forged brass)
- 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®

Located in Shrewsbury, Massachusetts, Plastixs® proudly serves customers in a wide range of industries including plastics, semiconductor, medical, chemical, pharmaceutical and food. As a distributor and manufacturer of high-quality, high-value innovative products for the plastics industry, the Plastixs team understands the needs and challenges that you face. Plastixs clients count on us to increase productivity, eliminate downtime, and prevent small issues from becoming big problems – especially with injection molding, process cooling, and material handling. We specialize in problem-solving production obstacles and optimizing your efficiency of both existing and new equipment. With over 35 years of industry experience, the Plastixs team understands industry nuances, technical intricacies of molding and extruding, and solutions to improve your throughput and ROI.

Our Mission Statement:

Plastixs® is dedicated to providing the process industries with unique products and solutions that create value through increased productivity. Contributing to our customer’s success is our number one priority.



plastixs®

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