SWAGELOK®
CUSTOM SOLUTIONS
CUSTOM FABRICATION AND ASSEMBLY PROVIDED BY SWAGELOK INDIANA | CINCINNATI
UNIQUE CHALLENGES REQUIRE THE RIGHT SOLUTIONS
You need a solution uniquely tailored to your needs, and you need it
now. You could spend your resources on designing, sourcing,
building, and testing a solution. Or you could take advantage of
Swagelok’s expertise as an integrated supplier of more than just
products. We provide local support, backed by a local presence,
from initial concept to assembly.

WE CAN HELP

HIGH QUALITY ASSEMBLIES
MULTIPLY YOUR RESOURCES
REDUCE REWORK AND WASTE
ACCURATE BUDGETING
IMPROVED SAFETY
COMPLETE AND READY TO INSTALL
When resources are limited, take advantage of Swagelok's capabilities for a complete turnkey solution.

**DESIGN**
Whether your idea is just that—an idea, or a sketch, or even the result of a conversation—we can enhance it with 3D drawings compatible with your engineering drawing system, including:
- Analytical and process instrumentation systems
- Medium- and high-pressure applications

**ASSEMBLY**
You know what you want to do—now you need to know how to do it quickly. Let Swagelok provide and assemble components to meet your exacting requirements:
- High-volume tube bending and swaging
- Orbital Welding
- Custom hose cutting and end connection selection

**FABRICATION**
Start with some of our most widely known products: valves, regulators, and manifolds. Add the expertise required to put together the componentry into a solution you can use. The results? Custom component, assembly, and enclosure fabrication, including:
- Regulator panels
- Changeover manifolds
- Oxygen-safe assemblies
- Lube oil skids

**STOCKING AND KITTING PROGRAMS**
Take advantage of Swagelok's Vendor Managed Inventory to help you maintain the right stocking levels on critical components.

What else can we do to help you when you're up against a deadline, and you want to be sure your solution meets and exceeds safety standards?

**QUALITY CERTIFIED PRODUCTS**
For starters, we can assure the parts you receive from us are of the finest quality. Upon request, we can provide the following certification information:
- Typical mechanical and chemical properties certificates of compliance
- Nuclear Certificates of Compliance (fitting only)
- Traceable Certified Material Test Reports (CMTR)
- Nuclear Traceable CMTRs
- Certificates of Origin

**CLEANING AND PACKAGING**
Swagelok's cleaning and packaging requirements ensure our products meet or exceed cleanliness standards appropriate to your industry.

**FACTORY-CERTIFIED TECHNICIANS**
Assembly services our Custom Solutions personnel provide are backed by Swagelok-administered and certified training.

**LIMITED LIFETIME WARRANTY**
Like everything else we provide, our custom solutions services are backed by our Limited Lifetime Warranty.
GENERAL INDUSTRIAL OR HIGH PURITY

We can perform a broad range of general industrial as well as UHP assemblies in our certified Class 100 clean room.

ORBITAL WELDING SERVICES

Swagelok Southwest provides automatic tungsten inert gas (TIG) welding for tubing sizes ranging from 1/8” – 4” diameter. You can purchase this service separately or orbital welding can be included as part of a fluid system assembly or sub-assembly package.

SUB-ASSEMBLIES

Sub-assemblies can range from simple (two fittings put together) to complex (multiple fittings, hoses, and gauges). We can also build assemblies including third-party components. You specify the components, and we source and integrate them for you.

HLT AND BUBBLE LEAK TESTING

Swagelok Southwest offers mass spectrometer leak detection using a state of the art Agilent helium leak detector, with capability of 1x10-11 std/cc/sec leak rate detection. Both inboard and outboard detection available. We can provide helium leak testing with any assembly or sub-assembly we perform for you.

PANELS AND ENCLOSURES

Swagelok Southwest can build instrument enclosures to your exact specifications. We can create the technical drawings, source all of the components, and deliver a complete plug and play assembly.

HOSE ASSEMBLIES

Swagelok Southwest offers hose and flexible tubing in custom lengths, diameters 2” and under, and with a wide variety of end connections.

3D CAD SERVICES

We can create SolidWorks® computer aided designs complete with 3D models and detail drawings. We can work from a basic idea as well as support more complex requirements.
Swagelok Indiana | Cincinnati can provide you with a wide variety of service solutions. Our quality, performance and reliability will reduce your costs in designing, sourcing, installing and maintaining fluid system solutions.

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