

NAHAD
HOSE SAFETY INSTITUTE
MEMBER



Manufacturing and Warehouse
242 Dick Beam Road
Cherryville, NC 28206

Retail
3822 Statesville Avenue
Charlotte, NC 28206

Retail
174 Knob Hill Road, Suite A
 Mooresville, NC 28117

CustomHydraulicsDesign.com
Customer Service: 704-347-0023
Email: sales@chdnc.com



Hose Assemblies

Leaders in Hydraulic & Industrial Hose Assemblies

When it comes to hydraulic, pneumatic, and industrial hose assemblies, Custom Hydraulics and Design can help. We have cultivated a reputation for developing high-quality hose assemblies that are not just built to function, but to last, even under the most demanding conditions.

Delivering robust solutions is not just about expertise; it is about having the right tools:

Production Assembly Shop

Multiple accurate high speed assembly machines with crimp capacity up to 10" Hose ID.

Weld & Fabrication Shop

Fixture tables for metal hose assemblies.



Kitting Solutions

Seamless Integration with Component Kits

For those who prioritize precision and efficiency in their production or maintenance operations, we provide custom component kits. Crafted with an unwavering commitment to quality, each kit ensures your operations are streamlined and efficient.

Save Time, Boost Efficiency

Everything you need, right when you need it. No need for sourcing individual components.

Minimize on Hand Stock

Say goodbye to unnecessary stockpile. Our kits are curated, so you have just the amount needed.



Precisely What is Needed

Each kit is tailored to provide exactly what's necessary. No clutter, no excess. Only efficiency.

Retail Locations

Charlotte and Mooresville

Our retail locations serves as both a retail outlet and a fully-equipped Danfoss Hose Center. Our experienced team is ready to meet all your hose-related needs. We offer a wide range of high-quality hose products and provide expert guidance to ensure your satisfaction.

Products

Wide selection of products including: Hydraulic hoses, fittings, adapter, couplings, filters, hydraulic oil and more.

Retail Team

Our retail team is well-trained and committed to promptly providing you with the hose kit you require.

Charlotte

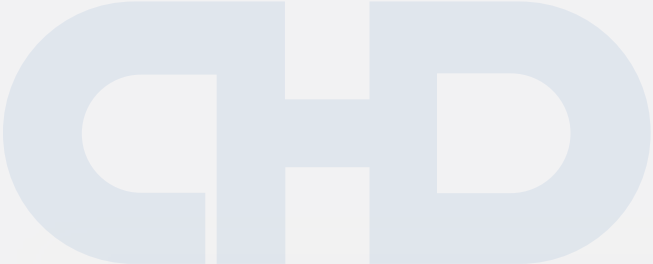
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Mooresville

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Tube Assemblies

Steel Tube Assemblies Made to Precision

When a flexible hose will not work, metal tube is your best option. From complex to simple, CHD offers manual and CNC bent tube assemblies. Manual tube bending up to 2 inches, and CNC tube bending up to 16 mm.

Unmatched Expertise

Years of experience catering to top-tier industries.

Advanced Machinery

Our tools ensure every piece is crafted to perfection.

Quality Assurance

Every assembly goes through rigorous quality checks.

Vendor Managed Inventory

Inventory Management Tailored to Your Needs

Rise above the rest using our Vendor Managed Inventory (VMI) services. Our solutions are meticulously designed to not just manage, but elevate your inventory processes. We ensure optimal stock levels, reducing your downtime and costs, while significantly boosting facility productivity.

Cost Efficiency

Optimized stock levels, ensuring you have just what you need, without the excess.

Streamlined Operations

Achieve consistent and reliable inventory when and where its needed.

Dedicated Service Team

A dedicated factory trained team who understands and manages your inventory needs.

Trained Service Team

Our team is Factory trained in fluid power and hydraulic

Labeling & Packaging

Seamless Integration with Component Kits

In today's competitive market, your brand's presentation and precision are paramount. Custom Hydraulics and Design is your ultimate partner in crafting top-tier private labeling and packaging solutions. Every detail, every barcode, every bag – perfectly aligned with your brand's vision and reputation.

Retail Bagging Solutions

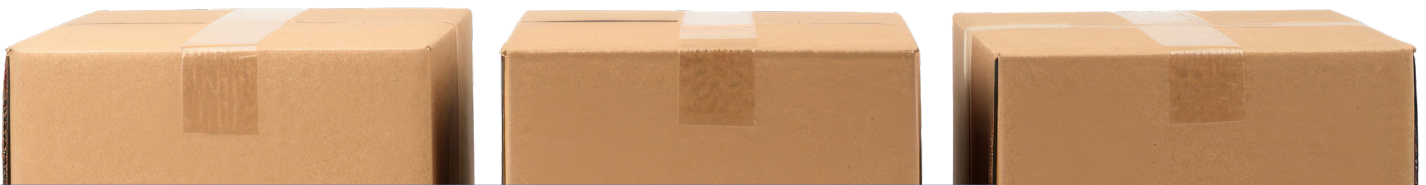
Elevate your retail presentation with packaging that resonates with your brand identity.

Components Bagging

Keep components safe, organized, and easily identifiable for maintenance, repair, or production.

Private Labeling & Barcoding

From branding, we cover all facets to ensure your products stand out always.



Engineering Excellence

When it comes to hydraulic and process systems, no one understands your needs better than we do. With an unwavering commitment to excellence, we specialize in developing high-quality systems tailored to your specific requirements.

Troubleshooting

Diagnose issues and solve inefficiencies using advanced tools and methods.

Optimization

Define areas in need of optimization. Bringing new efficiencies to old or out-dated systems and processes

Maintenance

Routine service of your critical systems insure peak performance is maintained.

Systems & Service



CHD On-Site





Your On-Site Hydraulic Hose Solution

Experience on-site expertise with CHD On-Site Mobile Service. Our dedicated service truck, fully equipped with a wide range of high-quality hose material and equipment, will arrive directly at your location, whether its a construction site, industrial complex, or factory. Accompanied by one of our highly trained hose specialists.

On-site Hose Assembly

We deliver quick, precise, custom-fit solutions directly to your worksite, ensuring your machinery is up and running with minimal delay.

Half or Full Work Day

Our mobile service offers designed to provide flexible solutions that cater to your schedule, offering both half-day and full-day.

Reduce Downtime

Downtime can be costly keep your operations running, with a hose center that can come to you.

On-Site Services



Fluid Management



Filter Replacement



Charge Accumulators



Custom Hose Assemblies

Trusted Brands



ADAPTALL
ANCHOR FLUID POWER
BONOMI NORTH AMERICA, INC
BOSTON
FLEXAUST
FLEXFAB
FUCHS

HBD THERMOID
HOSE MASTER
M&W MANUFACTURING
MAIN MANUFACTURING PRODUCTS
MIDLAND METAL MFG
NOVA FLEX
PREVOST
PT COUPLING

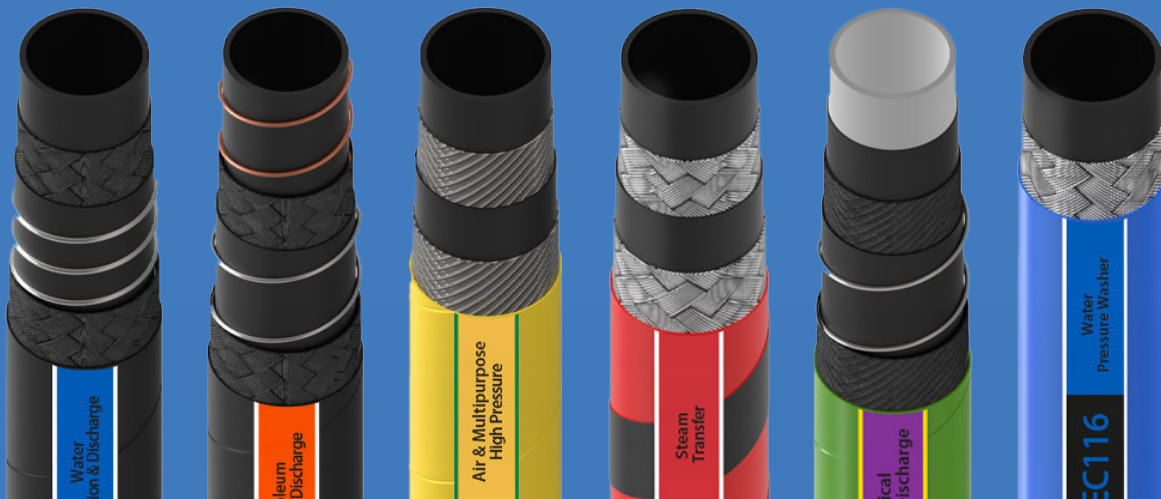
SRM INDUSTRIES, IN
STAUFF CORPORATION
STUCCHI USE INC
SUPER SWIVELS
SUTTNER AMERICAN CO
ULTRA CLEAN TECHNOLOGIES
WALTECH
AND MANY MORE...



AGGRESSIVE HYDRAULICS, INC
ANFIELD INDUSTRIES, INC
ASA HYDRAULIK
CASAPPA
DAMON
DELAWARE MFG IND CORP
DONALDSON
EMMEGI HEAT EXCHANGERS, INC
ENGINEERED SPECIALITY PR

HANNA CYLINDERS
HAWE NORTH AMERICA, INC
HYDRO LEDUC
HYVA CORPORATION
IFM EFECTOR, INC
KEPNER PRODUCTS COMPANY
LEHIGH
MARZOCCHI
METAL WORK

MONARCH
NACHI
ORTMAN
PVS
SCORPION TECHNOLOGIES LTD
VONBERG VALVE, INC
WANDFLUH
YATES CYLINDERS
ZSI, INC



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