



LAWSON Products

Fluid Power Systems



Smarter Maintenance™

Inventory Management • Technical Expertise • Quality Engineered Products

Power Up with Solutions that Save Time & Money



Lawson understands that leaky hoses, broken connections and out of stock components cost you money and productivity. Lawson's extensive fluid power product line covers everything from the tool to the power source for moving air, water, oil or gas.

Lawson has Pneumatic and Hydraulic solutions

- That meet your performance needs, from critical application to every day maintenance
- Safeguard your operation from unplanned downtime and accidents
- Upgrade and extend the life of your equipment, vehicle or machinery

Lawson has standard kits and custom assortments to enable you to get the size and type of the most commonly used hydraulic or pneumatic hoses and fittings, in quantities that meet your performance and inventory needs.



Your Lawson agent **manages your inventory** so that you don't have to worry about having too few or too many of the components that you use everyday.

During regular site visits your agent

- Examines each bin and drawer to determine low stock items
- Prepares the restock order based on current usage patterns for your approval
- Puts away any product that was shipped to your facility from Lawson

To ensure that you get the exact product you need, your Lawson agent will provide **technical assistance** and recommend solutions based on your performance requirements.

- Your agent will analyze all aspects of each application, including the condition of the equipment or operation.
- When necessary, our application engineering specialists will provide on-site problem solving and consultation.

Additionally, Lawson offers access to our industry-leading support team to answer product or application questions, and provide on-site safety seminars for proper product selection, care and usage.

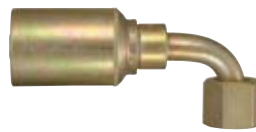
Technical Support
1.866.LAWSON4U
(1-866-529-7664)



Lawson's Fluid Power Solutions

Hydraulic Hose Systems

Cut Your Hose Costs 50% by Making OEM Quality Hoses In Your Shop Or In The Field



Lawson will help you take control of your hydraulic maintenance and start making your own hose assemblies. We'll help you set up a crimper work cell in your shop and help train your personnel to make hose assemblies on site, correctly and safely.

Lawson has the most common type of hoses, end fittings, crimpers and other accessories in-stock for quick delivery. Lawson can source all other types to fit your needs.

STEP 1 Choose Your Hose Type:

Hydraulic Hose

- Braided, Spiral, Truck, Low Pressure or Special Use Hoses
- Diameters from 1/4" to 2" depending on type

Ensure safe and efficient connections with Lawson's high-quality matched hose assembly components from the top manufacturers.

WEATHERHEAD®



STEP 2 Choose Your Fitting:

Hose End Fittings

- Field Attached Fittings
- Crimp-on End Fittings

Keep the most common end fittings and adapters on hand to ensure your operations continue without disruption.

Pre-assembled kits of the most common size and configuration based on diameter and hose type are available.

STEP 3 Choose A Crimper

Crimpers

Choose the easy-to-operate portable or bench-top crimpers that best suit your power source needs.

- Manual
- Air/Hydraulic
- Electric

Available Thread Types:

- Pipe
- JIC
- O-ring boss
- Flatface O-ring
- DIN
- JIS
- Split flange
- Komatsu
- Flangeless
- British
- Standpipe





Fluid Fitting Systems

Control Your Maintenance Systems With Fittings That Are Durable, Dependable And On-Hand

Standard Fittings for Every Day Maintenance Applications



Your operations depend on your equipment, machinery, vehicles and facility running at peak capacity. Depending on what you need to move – air, water, oil or gas, Lawson has a complete line of maintenance fittings and tubing for everyday applications as well as for unique situations.

Our fittings meet a range of pressure, temperature and code requirements, as well as are approved for a number of specialty applications.

Brass Fittings

- for air or low pressure environments
- SAE 45° flare
 - Compression
 - Pipe thread
 - Self-aligning
 - Inverted flare
 - Dubl-Barb
 - Hose barb
 - Special purpose

Iron & Steel Fittings

- for high pressure environments
- Malleable iron
 - Galvanized
 - Black
 - Stainless steel
 - Dyna-forged steel

Other Fittings

- Copper sweat fittings
- PVC schedule 80 fittings

Controls

- Brass ground plugs
- Brass drain cocks
- Brass ball valves
- Brass plug valves

Tubing

- Copper
- Nylon
- Polyurethane
- Polyethylene
- PVC
- Tygon fuel and lubricant

Fittings for Unique Situations



Braking Systems Fittings

for automotive Hydraulic brake fittings

- Brass fittings
- Steel brake line fittings
- Air brake fittings
 - Compression
 - Brass push-to-connect fittings
 - Nylon DOT-approved push-to-connect fittings
 - Air brake tubing

Specialty Fittings

- Instrumentation fittings – used in chemical and petrochemical processing plants
- Brass Poly-Tite fittings – use with plastic tubing in pneumatic control lines
- Instant fittings – push-to-connect for quick assembly of factory automaton lines

- Swift-Fit multi thread form instant fittings
- Fast and tite fittings – PVC compression for water and air lines
- SharkBite® instant plumbing connection system



Pneumatic Hose, Fitting & Accessories

Complete Systems For Coupling Your Compressors To Your Tools

Construct Your Complete Assembly



Lawson will save you money on parts and labor when you replace worn hoses and leaky connectors. Our complete line provides what you need between the compressor and the pneumatic device to keep the power flowing.

Whether its general purpose, industrial grade or heavy-duty, our pneumatic components are available in a variety of sizes, materials and pressure ratings to meet your performance requirements.

Lawson has the products to keep your equipment operating and your employees safe.

Hoses & Tubing

Hose

- Rubber
- Push-on
- PVC
- Recoil

Tubing

- Air brake
- Air conditioning
- Heater
- Polyurethane
- Polyethylene
- Nylon
- Tygon® fuel and lubricant tubing
- Copper
- Steel

Fittings

Hose Ends and Fittings

- Hose barbs
- Clamp-on
- Push-on
- Crimp-on

Couplers and Plugs

- for quick disconnects
- Safety coupler
- Heavy duty couplers
- Swivels

Air Brake Fittings

- for fleet maintenance
- Seals
- Push-to-connect fittings
- Brass fittings
- Composite DOT fittings

Industrial Fittings

- Push-to-Connect fittings
- Brass fittings and valves
- Steel fittings

Accessories for your application

Blow guns

- Safety
- Standard
- Pencil
- Ergonomic

Tire Repair

- Pressure gauges
- Inflators
- Air checks
- Tire repair tools
- Tire valves and stems
- Tire patches and cement

Controls

- Filters, regulators, lubricators, vents and mufflers
- Valves: lockout, safety check

Lubrication

- Grease guns
- Grease fittings



Smarter Maintenance SM

A Complete Line of Fluid Power Components from Lawson Products

CRIMPERS

HYDRAULIC HOSE

Braided: 1/4" to 2"
Spiral: 1/2" to 2"
Truck: 1/4" to 1-1/2"
Low pressure: 1/4" to 3/4"
Special use
Thermoplastic
Conductive
Non-conductive
Barb-Lok
Pressure washer/air conditioner
Refrigeration
PTFE

HYDRAULIC END FITTINGS

Crimp-On
Weatherhead®
U-Series
E-Series
Z-Series
E-Z Clip
Gates®
Mega-Crimp
Global spiral
Field attachable
Push-lock
Thread-in

HYDRAULIC ADAPTERS

Swivel
Angle
Connector
Reducer/expander
Jump sizes
Conversion

HYDRAULIC ACCESSORIES

Couplers and nipples
Hose cutters
Hose protectors
Sleeves
Tie-on
Plastic caps and plugs

IRON & STEEL FITTINGS

Malleable iron
Galvanized
Black
Stainless steel
Dyna-forged steel

BRASS FITTINGS

SAE 45° flare
Compression
Pipe thread
Self-aligning
Inverted flare
Dubl-Barb
Hose barb
Special purpose

CONTROLS

Brass ground plugs
Brass drain cocks
Brass ball valves
Brass plug valves

SPECIALTY FITTINGS

Instrumentation
SharkBite® instant plumbing connection system
Brass Poly-Tite fittings
Instant fittings – (push-to-connect)
Nylon
Plated
General purpose
Swift-Fit multi thread form instant fittings
Fast and Tite fittings

HYDRAULIC BRAKE FITTINGS

Brass fittings
Steel brake line fittings

AIR BRAKE FITTINGS

Compression
Brass push-to connect fittings
Nylon DOT-approved push-to-connect fittings
Air brake tubing seals

OTHER FITTINGS

Copper sweat fittings
PVC Schedule 80 fittings

PNEUMATIC HOSE ENDS AND FITTINGS

Hose barbs
Clamp-on
Push-on
Crimp-on

TUBING

Air brake
Air conditioning
Heater
Polyurethane
Polyethylene
PVC
Nylon
Tygon® fuel and lubricant tubing
Copper
Steel

COUPLERS AND PLUGS

Safety coupler
Heavy duty couplers
Swivels

HOSE

Rubber
Push-on
PVC
Recoil

BLOW GUNS

Safety
Standard
Pencil
Ergonomic

TIRE REPAIR

Pressure gauges
Inflators
Air checks
Tire repair tools
Tire valves and stems
Tire patches and cement

CONTROLS

FRL
Filters
Regulators
Lubricators
Vents
Mufflers
Valves
Lock out
Safety check

LUBRICATION

Grease guns
Grease fittings

*Smarter Maintenance*SM

Inventory Management

- On-site management of MRO inventory to keep your operations running
- Regular inventory analysis and replenishment to prevent unnecessary purchases and unplanned downtime
- Customized storage system for improved organization and more efficient workflow

Technical Expertise

- Local agents to analyze your application and recommend solutions that meet your performance requirements
- Industry-leading product technical support when you need it at **1-866-LAWSON4U**
- Application engineering specialists to provide on-site problem solving and safety training

Quality Engineered Products

- Comprehensive line of more than 80,000 products, for critical applications to everyday maintenance
- Lot control traceability and certification
- ISO 9000 registered; guaranteed product satisfaction



LAWSON Products

1.866.LAWSON4U

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