

UNMATCHED FLUID POWER TRAINING

Amatrol's Fluid Power eLearning catalog currently features 85 modules conveniently organized into the courses below. These modules can also be organized into custom courses to best meet your training needs. Each of these modules covers valuable skills with each module taking between 2-3 hours to complete. Altogether, Amatrol's Fluid Power eLearning library offers more than 225 hours of training.

Learning Systems	Curriculum Modules	Est. Curriculum Hours	Topics Include:
COMBINATION SYSTEMS			
Basic Fluid Power (850-C1, 850-CD1, 850-CD2)	9	27	Power Systems, Circuits, Pressure & Flow, Speed & Pressure Control
Electro-Fluid Power (85-EF, 85-EH, 85-EP)	8	24	Electrical Control Systems & Devices, Control Relays, Sequencing & Timer Control, Circuits & Pressure Control Applications
HYDRAULIC SYSTEMS			
Basic Hydraulics (850-H1, 850-HD1, 85-BH)	5	15	Power Systems, Circuits, Pressure & Flow, Speed & Pressure Control
Intermediate Hydraulics (85-IH)	5	15	DCVs, Hydraulic Cylinders, Relief & Check Valves, Accumulators
Advanced Hydraulics (85-AH)	3	9	Motor Applications, Pump & Motor Performance, Fluids & Conditioning
PNEUMATIC SYSTEMS			
Basic Pneumatics (850-P1, 850-PD1, 85-BP)	4	12	Power Systems, Circuits, Pressure & Flow, Speed & Pressure Control
Intermediate Pneumatics (85-IP)	3	9	DCVs, Air Logic, Maintenance
Advanced Pneumatics (85-AP)	3	9	Moving Loads, Vacuum Systems, Air Compressors
Pneumatic Fitting Construction (94-PFC-1)	1	3	Supply Connections, Control & Power Air Connections
TROUBLESHOOTING AND MAINTENANCE SYSTEMS			
Hydraulic Maintenance (950-HM1)	5	15	Filter & Fluid Maintenance, Fittings & Seals, Clamping Devices, Installation
Advanced Hydraulic Troubleshooting (950-HT1)*	9	27	Pump Performance, Troubleshooting Actuators, Valves, & Hydraulic Systems
Basic Hydraulic Troubleshooting (950-HTB1)	4	12	Pump Troubleshooting, Troubleshoot DCVs, Motors, & Systems
Pneumatic Troubleshooting (950-PT1)*	7	21	Air Preparation, Troubleshooting Cylinders, Motors, Valves, & Systems
PORTABLE SYSTEMS			
Portable Pneumatics (990-PN1)	7	21	Power Systems, Circuits, Pressure & Flow, Speed Control, DCVs, Air Logic, Maintenance
Portable Pneumatics Troubleshooting (990-PTB1)	5	15	Air Preparation, Troubleshooting Actuators, Valves, & Systems
Portable Electronic Sensors (990-SN1, 85-SN1)	2	6	Inductive & Capacitive Sensors, Electronic Sensor Applications
Portable Hydraulics (990-BH1)	5	15	Power Systems, Circuits, Pressure & Flow, Pressure & Speed Control

*Currently in eBook format instead of interactive multimedia

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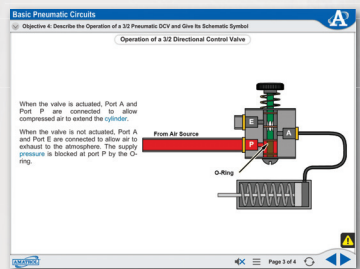
FLUID POWER

FUNDAMENTALS - TROUBLESHOOTING - MAINTENANCE

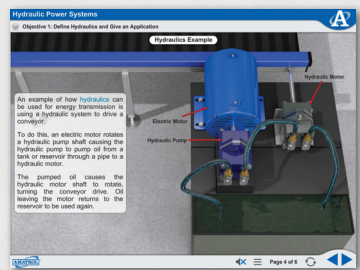
PROVEN FLUID POWER TRAINING BUILDS INDUSTRY-APPLICABLE SKILLS

eLEARNING

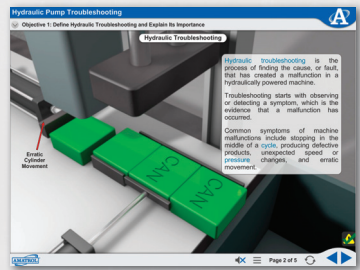
Amatrol's eLearning catalogue features hundreds of courses across various categories. Using the best instructional design practices, Amatrol's eLearning utilizes a wide range of interactivity to suit anyone's learning style.



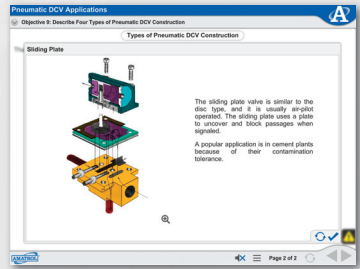
Basic Pneumatic Circuits



Hydraulic Power Systems



Hydraulic Pump Troubleshooting



Pneumatic DCV Applications

Teach Foundational Concepts and Hands-On Skills

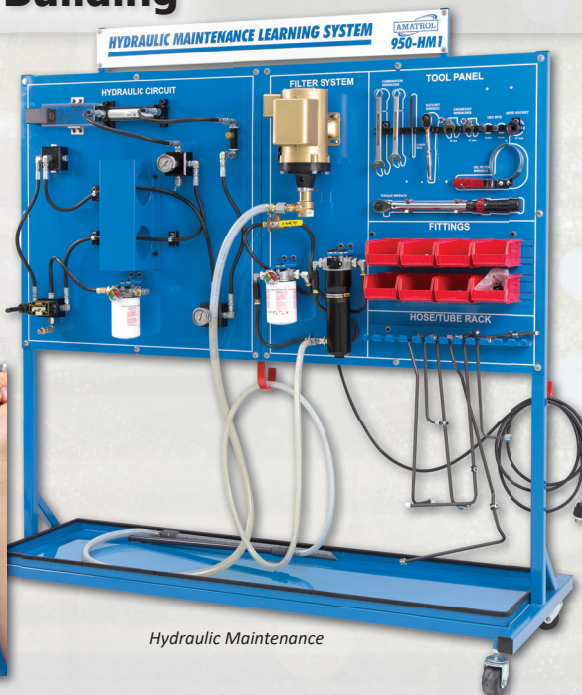
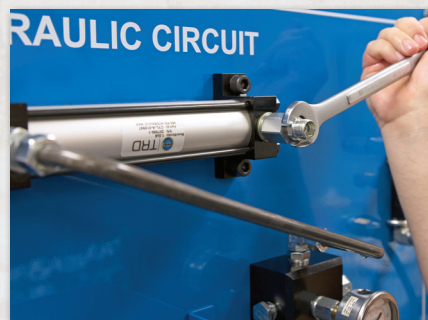


Use Amatrol's Double-Sided Fluid Power Workstation (shown with optional systems)

- Practice basic installation & operation skills
- Learn pressure calculations & schematic symbols
- Add intermediate & advanced skills as needed

Reduce Downtime with Maintenance Skill-Building

- Perform hands-on maintenance of hydraulic systems & components
- Teach Learners how to prevent common system/component failures

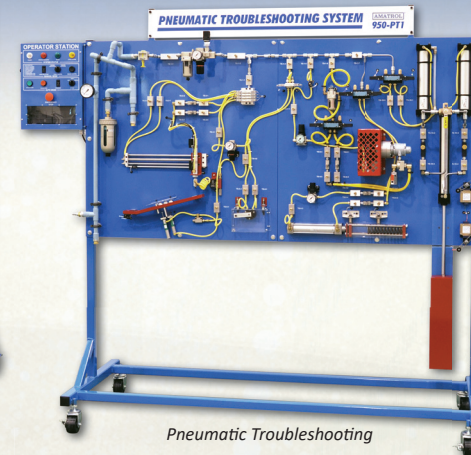


Hydraulic Maintenance

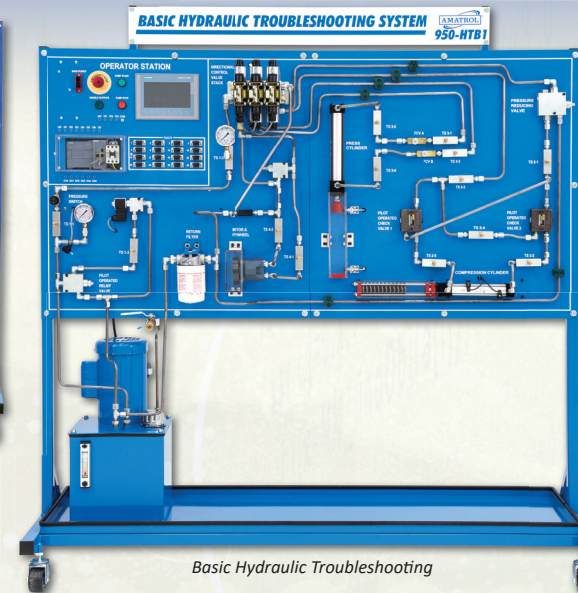
Provide Proven Troubleshooting Training



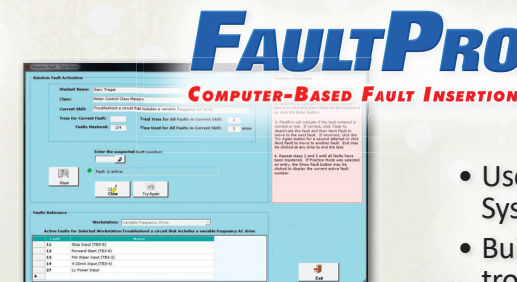
Advanced Hydraulic Troubleshooting



Pneumatic Troubleshooting

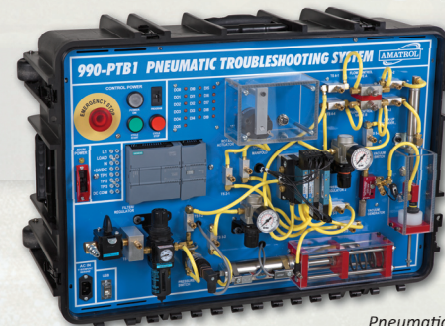


Basic Hydraulic Troubleshooting

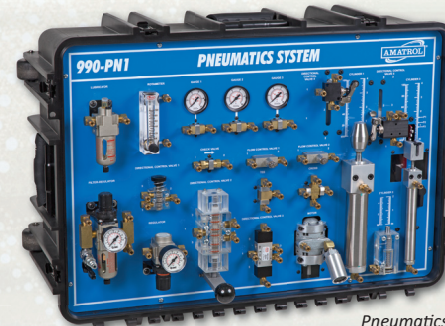


- Use FaultPro, Amatrol's Electronic Fault Insertion System, for world-class troubleshooting training
- Build industry-tested best practices on troubleshooting system & component failures

Offer On-The-Go Technical Training at Multiple Facilities



Pneumatic Troubleshooting



Pneumatics

- Teaches the same skills as their larger counterparts
- Offers flexibility when a trainer is used at multiple facilities or when space is limited



Hydraulics

EACH OF THESE SYSTEMS FEATURES REAL-WORLD, HEAVY DUTY COMPONENTS AND EXTENSIVE CURRICULUM