

# THE MYLES GROUP

Since 1957

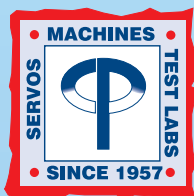
Products and Services  
for Industry and Military



# An Introduction to THE MYLES GROUP

## Control Power Company

- Design/Manufacture Servo Drives
- Functional and Validation Testing Machines
- Multi-Axes Positioners
- Military Product Design, Test and Manufacturing



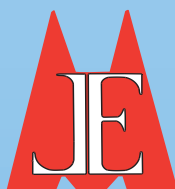
## Control Power-Reliance, LLC

- Six Degrees of Freedom Simulation Testing
- Rail Impact Testing
- High Speed Photographic Documentation



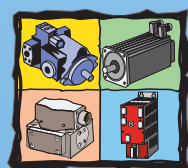
## J.E. Myles, Inc.

- Servo Valves/Motors
- Linear/Rotary Actuators
- Low Micron Filters
- Digital Servo Controls
- High Pressure Pumps and Fittings



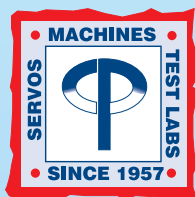
## St. Lawrence-Troy, LLC

- Hydraulic and Electronic Repairs
  - Accumulators
  - Actuators - Linear/Rotary
  - Pumps and Motors
  - Digital Controls and Boards



*Repairing Makes Cents*

# Control Power Company



**Automation**

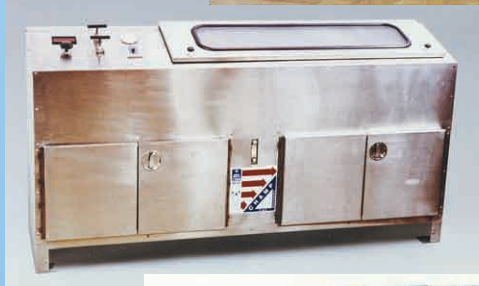
**Electromechanical  
Actuator**



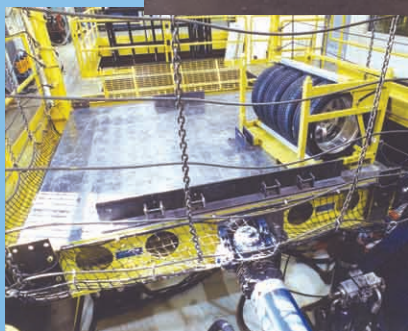
**Closed  
Loop  
Controls**



**Hose  
Burst Test  
Machine**



**Hydraulic  
Testing  
Machines**



**6 Axes  
Simulator**

# Control Power Company



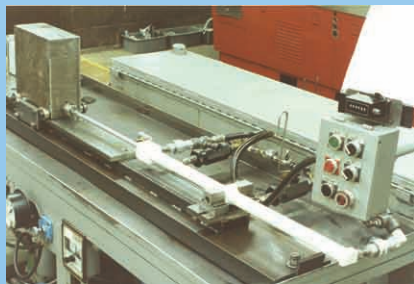
## Military Designs and Products



**CLP Connector Landing Platform**



**Helicopter Pump Test**



**M1 Ammo Door Actuator**



**M1 Abrams Final Filtration Test Station**



**M1 Brake System Monitor**



**M1 Gun Control Accumulator**

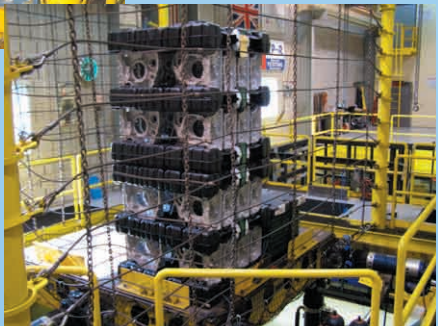


# Control Power-Reliance, LLC



## 6 DOF Transportation Simulator

Control Power-Reliance, LLC (CP-R) simulates car, trailer, air, rail and ship transportation. Packaging, dunnage and products can be validation tested in a single day on CP-R's **Six Degrees of Freedom (6 DOF)** floor level table and simulated real world patented rail impact train.



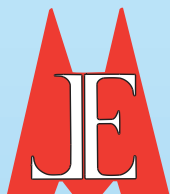
Rail Impactor



High Speed Photography

- Color or black/white
- Up to 100,000 fps

314 Executive Drive  
Troy, MI 48083  
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## Fluid Power Products

- Accumulators
- Actuators - Linear and Rotary
- Boosters - Gas/Liquid (Up to 100,000 PSI)
- Diagnostics
- Filters and Filtration Systems
- Fittings
- Heat Exchangers
- Hoses
- Motors (Fluid)
- Power Supplies
- Transducers
  - Load Cell
  - Pressure
  - Flow
- Pumps
- Shock Absorbers
- Valves
  - Servo
  - Servo Proportional

**Moog Factory Repair 2 Year  
"Same as New" Warranty**

## Electronics

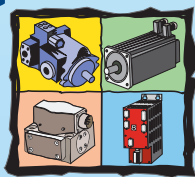
- Servo Actuators and Controllers
- Servo Motors
- Pressure transducers
- Linear Transducers
- Load Cells
- Servo Valve Testers
- ISO Digital Particle Counters

## Handling/Assembly Systems

- Grippers
- Parts Handling/Assembly Systems
- Robots
- Butt Form Robot Seat Testers



# St. Lawrence-Troy, LLC



*Repairing Makes Cents*

## Hydraulic/Mechanical Repairs

- Accumulators
- Actuators
  - Power Generation
  - Linear
  - Rotary
  - Fatigue
- Ball Screws
- Flight Simulator Legs
- Motors
- Pumps
- Steam Control



## Electronic Repairs

- Circuit Boards
- Controllers
- Encoders
- Motor Drives
- Power Supplies
- Resolvers
- Servo-
  - Motors
  - Controllers
- Tachometers



**13 Month In-Service Warranty  
on All Repairs**

32399 Milton ♦ Madison Heights, MI 48071  
Phone (248) 585-7733 ♦ Fax (248) 585-7979  
Email: [sales@st-lawrence.com](mailto:sales@st-lawrence.com)  
[www.st-lawrence.com](http://www.st-lawrence.com)

# THE MYLES GROUP

## History

The Myles Group's Control Power Division opened in 1957 manufacturing endurance, durability and validation testing equipment for the airlines and military. In 1959 J. E. Myles, Inc. was formed to supply products and system designs for the automotive automation market. Control Power-Reliance opened in 1994 to provide a better way to simulate damage to products, containers and dunnage resulting in reduced manufacturing and product warranty costs. St. Lawrence-Troy was established in 2000 to offer technical and repair support services to a broad industrial and military customer base.

The Myles Group of companies enjoy a synergistic relationship: Control Power Division designs and manufactures products and systems; J. E. Myles, Inc. integrates and sells the products; Control Power-Reliance, LLC tests products; and St. Lawrence-Troy, LLC supplies support services and repairs.

## More about THE MYLES GROUP

### Products and Services:

- Closed loop computer controlled systems
- Customized software for machine controls
- Hydraulic power supplies
- Experience in automation and other production and processing procedures
- Product development and production testing machines, including customized tooling
- Functional, validation, environmental, vibration, shock, oil contamination analysis, salt fog and system transient testing services, including a 6-axis 15,000 lb. capacity simulation table and a rail impact testing facility
- High pressure liquid and gas pumping systems
- Low micron oil filtration systems
- CAD system and product design service
- High pressure liquid and gas pumping systems
- Trained service technicians to troubleshoot systems or rebuild hydraulic, electronic and mechanical products
- Fluid and system condition diagnostic equipment
- Parts handling, precision assembly systems and components (pick & place)
- Electronic servo motor drives and positioning devices
- Servo valves, motors, electronics and hydraulic component repair services
- Servo valve application engineering
- High speed photography in color or B/W up to 100,000 fps

## THE MYLES GROUP

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