

Industrial Solutions for

Canal and River Locks

The American Recovery and Reinvestment Act (ARRA) envisions a modernized, more energy-efficient America. Ensuring that our infrastructure is seaworthy will make us more energy-efficient and self-sustaining far into the future.



Powering Business Worldwide

In the United States, over 240 locks enable the passage of military and commercial ships through some 25,000 miles of navigable waterways. Worldwide, over 1,000 locks enable the passage of military, commercial, and pleasure ships.

With the growing need for reliable infrastructure systems worldwide to support increased demand for commercialized waterway navigation systems and flood control, Eaton supports civil construction projects around the globe.

Eaton is one of the world's leading providers of hydraulic control systems for canal and river locks for both new construction and rehabilitation/replacement/upgrades. Our complete solutions range from miter and sliding lock gate controls to conduit and culvert valve operation.

Our product breadth,

engineering strength, and global distribution channel enable us to get it right the first time, whether your project is local, regional, or global.

Eaton's proven hydraulic components, system solutions, and power management experience are why Eaton is "Powering Business Worldwide."

Eaton solutions for canal and river locks and dams include:

- Complete systems solutions
- Custom cylinders
- Custom hydraulic power units
- Cylinder repair
- Filtration and backwashing systems
- Hose and fittings
- Leak-free tube fittings



ACT NOW!

Eaton Recovery Hotline

1.888.ETN.1USA (1.888.386.1872)

www.eaton.com/recovery



Our industry-leading solutions and services are designed to deliver:

- Complete, integrated and coordinated control systems that are right the first time
- Industry-leading technologies providing precision gate and valve control
- On-time project completion for performance-based contracts
- Product performance and reliability providing systems with life-cycle efficiency and uptime

1 Right-the-first-time performance

Canal and river locks require a myriad of controls and control systems that all must operate in sync from the get-go. Eaton's Application & Commercial Engineering (ACE) teams specialize in delivering proven, application-specific solutions and work alongside your team in designing and coordinating the design application through project commissioning and user training.

- Application design services
- Operation and maintenance services
- Project management
- Testing and commissioning services
- User training

4 Global support

Whether your locks project is in the United States or another country, you can depend on Eaton for consistent, industry-leading performance, systems reliability, and long-term user support provided by our global distribution channel.

- Custom cylinder rod coatings
- Design, project, and field services
- Integrated automation system
- Uninterruptible power systems sized to the application

2 Restoration services

Should you repair or replace that hydraulic cylinder? Eaton is the world leader in restoring Eaton and competitive large custom cylinders back to original factory or upgraded specifications, in less lead time than new cylinders and at lower cost. Our industry-leading warranty program ensures you that each restored cylinder will provide the same life cycle and uptime performance as new cylinders.

- Latest seal technology
- Pickup and on-time return services
- Replacement or improved cylinder rod coatings
- Skilled welders with the highest level of certification

5 Industry-leading training

It's one thing to specify a component, but what about operation and maintenance? Eaton's world-class training is known as the educational standard for the industry. Each year thousands of engineers, service personnel, and users learn about our latest system technologies and how to operate and maintain lock system installations. Classes are held at Eaton or customer locations.

- E-learning courses
- Fundamental and advanced technology courses
- Training and documentation in local languages

3 Turnkey solutions

When your project requires highly coordinated hydraulic control systems and power quality and distribution systems—all controlled through an automated system portal—look to Eaton for a turnkey solution. Distinguishing us from the competition is our capability to manufacture and supply coordinated systems with precision engineering. The results speak for themselves. Contractors achieve project completion on time and within budget. Users are assured of reliable life-cycle performance.

- Complete hydraulic control systems
- Comprehensive power quality and distribution systems
- Field services and distribution channel
- Industry-leading warranty program
- Integrated automation systems