

API Traffic Control Gates: The Power of Intelligent Engineering

Quality. Performance. Safety.

*It's Automatic.
And it works for you.*



Automatic
Power Inc

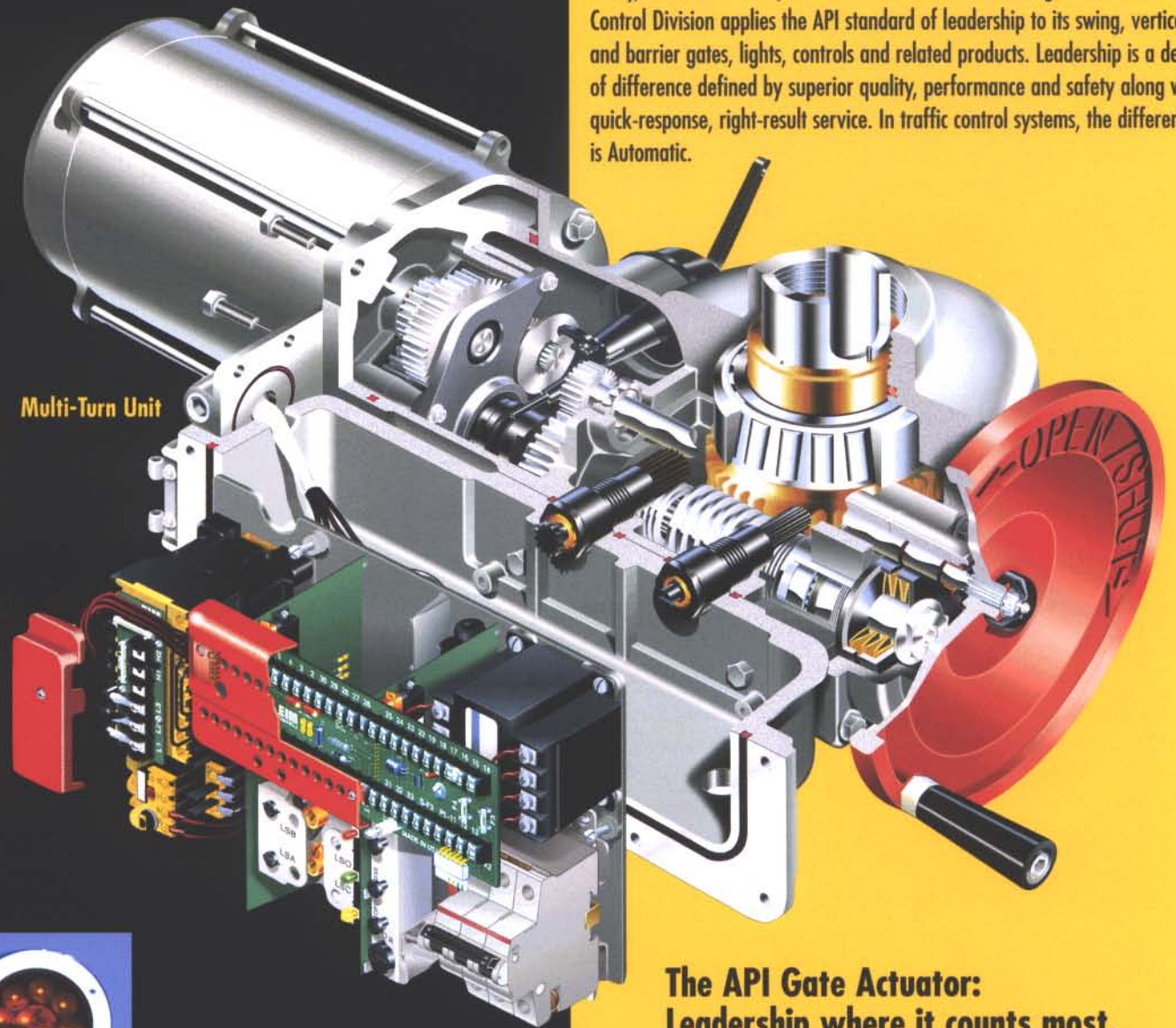


Pharos
Marine

**Better engineering.
Better products.
The difference is Automatic.**

The Traffic Control Division of Automatic Power, Inc., is successor to a long tradition of intelligent, innovative engineering that began with the invention of the electric lampchanger in 1928. Since then, Automatic Power has pioneered many advances in navigational lighting and safety products. In 1989, Automatic Power merged with A.B. Pharos Marine, Ltd., Europe's most respected aids to navigation supplier.

Today, Automatic Power, Inc. is the world's leader in navigational aids. The Traffic Control Division applies the API standard of leadership to its swing, vertical and barrier gates, lights, controls and related products. Leadership is a degree of difference defined by superior quality, performance and safety along with quick-response, right-result service. In traffic control systems, the difference is Automatic.



Multi-Turn Unit



API Gate Arm Lights: A better, brighter idea.

Instead of conventional incandescent lamps, API gate arms are equipped with LED lights. The lights are enclosed in aluminum brackets with tamper-resistant screws and wired through the inside of the gate arm. They are less exposed, more durable and operate in all seasons at low power levels.

API's LED fixtures emit very bright light with maximum dispersion, producing increased visibility at greater distances. Like everything else about API intelligently engineered traffic control gate systems, this superior lighting enhances safety and reduces maintenance.

The API Gate Actuator: Leadership where it counts most.

All API gates are controlled by a unique actuator used only in API gate systems. This actuator, available in models designed for various applications and conditions, is directly mounted to the gate arm shaft. Its components include a powerful electric motor, reduction gearing, position limit switches, mechanical overload torque switch, a manual operation handwheel, and a modular electrical control package.

Because it requires no belts, cams or linkages, the API actuator is more dependable than other types of gate controllers. It is also easier to install and maintain. Key components are readily accessible and adjustable. It's a smarter, more reliable controller with a long track record of proven service in high-demand industrial settings. With the API actuator, your gates can never be out of step with the limit switches.



The heart of API's gate actuator controls

API gate controls are compact and easy to access, simplifying maintenance and adjustment. Separate electrical housing ensures that accessories (flashers, transformers, terminal blocks, etc.) are protected from exposure.

Other API Products: Variations on a powerful theme.

Intelligent engineering is the theme that drives API people and defines API products. API engineers start with your challenges and work forward to solutions, building improved performance and long-haul durability into every stage of design and manufacture. You see the difference in API's sensibly-configured, safety-centered, hard-working gate systems.

In addition to gates, Automatic Power, Inc. manufactures a number of products designed for use on bridges. These include span and pier navigation lights, sound signals, radar beacons, LitePipes, aviation warning lights and buoys. You'll find innovative thinking at work in everything that carries the API label. It's a commitment to your satisfaction that API backs to the limit with superior service and a product performance warranty.

API Traffic Control Gates: It all comes together at the point of performance.

From pedestrian to HOV traffic management applications and from entrance/exit controls to bridge access control, API gate systems bring the power of intelligent engineering to bear on all kinds of service challenges. API offers a wide range of system options, many of which can be modified to meet custom requirements.

The intelligence behind API gate systems shows through in advanced modular construction that makes initial installation, ongoing maintenance and repair/replacement procedures less complex, less expensive and less time consuming. Components can be set and adjusted, serviced and exchanged with minimal effort. (You can adjust the limit switches with nothing more than a screwdriver.) Gate arms are fabricated for strength, endurance and weather resistance. They are constructed from a combination of 4-inch square aluminum tubing and a 3-inch square section of fiberglass.

By combining rugged, dependable gate structures with API's exclusive actuator, LED lighting and your choice of accessories, API engineers can design individualized gate systems that enable you to control traffic and operational costs at the same time. Given the difference in quality, API's prices are extremely competitive, too. That's why API warning gates, barrier gates and pedestrian gates are specified by clients around the world.

API is your gateway to the power of intelligent engineering.

Put the power of intelligent engineering to work in your traffic control applications. Call on the people and products of Automatic Power, Inc. For more information or detailed specifications on any API product, call 888-816-0945 or visit www.automaticpower.com.

**Access the power of intelligent engineering:
Call 888-816-0945.**

Automatic Power, Inc.
Traffic Controls Division
P.O. Box 1932
St. Francisville, LA 70775
(888)816-0945
(225)784-0484 fax
(225)654-8544 Zachary Office
apittraffic@msn.com

Automatic Power, Inc.
Headquarters
213 Hutcheson Street
Houston, TX 77003
(713)228-5208
(713)228-3717
www.automaticpower.com

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Power Inc**



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