



A 1992 Ford F700 diesel-engine truck weighing 15,000 lbs. rammed the three-bollard system head-on traveling at 49.3 mph.



Following the crash, the bollard system continued to operate.



A RANGE OF POWERFUL, FLEXIBLE CONFIGURATIONS

- DRT K12/L3 Bollard Systems

PDT 1200 Series Bollard System

- PDT 1200 Decorative Bollard System (Retractable)
- PDT 1200 Standard Bollard System (Retractable)
- PDT 1200 Manual Decorative Bollard (Retractable)
- PDT 1200 Manual Standard Bollard (Retractable)
- PDT 1200 Stationary Decorative Bollard (Fixed)
- PDT 1200 Stationary Standard Bollard (Fixed)



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PERIMETER DEFENSE TECHNOLOGIES™



UNCOMPROMISING SECURITY,
FLEXIBLE DESIGN

**U. S. DEPARTMENT OF STATE CERTIFIED
K-12/PASS RETRACTABLE BOLLARDS**



ULTIMATE SECURITY

Perimeter Defense Technologies help businesses and government agencies protect their people and property with the latest in security technology.

We manufacture a line of retractable and stationary bollard systems, certified K-12/Pass (15,000 lb vehicle / 50 mph / 1 meter penetration) by the U.S. Department of State. Bollards are offered in both a standard and decorative configuration. We assist clients with the development of security systems to meet specific needs. Custom designed bollard systems are available.

Retractable, attractive bollards are the right choice for a variety of installations:

MILITARY FACILITIES	NUCLEAR PLANTS	OIL REFINERIES
EMBASSIES	COURTHOUSES	AIRPORTS
PORTS	WATER TREATMENT FACILITIES	OFFICE BUILDINGS

STRENGTH AND DURABILITY

Bollards are tough enough to sustain an impact and still operate. Varying temperatures have no effect on the system's integrity. Heat tape around the housing and heat coils in the foundation ensure smooth operation even in frigid temperatures.

An optional battery back-up system keeps the bollard system working through power outages. Auxiliary generators may also be used to supply power during an outage. In a prolonged power outage, without back-up, bollards will remain in the last position engaged.

TESTED AND RELIABLE

Both systems have been independently tested by the Texas Transportation Institute. The Model DRT K-12/L-3 system achieved U. S. Department of State K-12/L-3 certification while the Model PDT 1200 achieved K-12/Pass certification. In addition, all components have been cycle-tested independently to ensure reliable, long-lasting operation.

LOW MAINTENANCE

Low Maintenance - Perimeter Defense Technologies' Retractable Bollard Systems require little maintenance. Unlike wedge systems, bollards have seals that prevent dirt and water from entering and potentially interfering with operations.

For preventive maintenance, bollards and the housing around them can be removed and replaced in less than 30 minutes.

AESTHETIC CHOICES

To accent your architecture, Decorative and Standard bollards are available in a variety of colors with your choice of coatings and finishes. When recessed, bollards are flush with the ground. Decorative bollards can be customized to match your architectural design.

VARIETY OF LIFT OPTIONS

- Pneumatic (Environmentally smart - requires no hydraulic fluid eliminating groundwater and environmental contamination concerns)
- Hydraulic
- Manual
- Stationary

Rapid Deployment Protection Systems consist of either 6-bollard or 3-bollard sets that deploy quickly, stop brutal attacks and still operate. These revolutionary systems answer the need for both uncompromising protection and design flexibility.



DRT K12/L3 BOLLARD SYSTEM

- Our DRT K12/L3 Bollard System is the world's only retractable bollard system to receive K12/L3 certification from the U.S. Department of State, as stated in the Department's SD-STD-02.01 - Specification for Vehicle Crash Test of Perimeter Barriers and Gates. Subsequently re-certified as K12/Pass under the Department's SD-STD-02.01, Revision A, Dated March 2003.



PDT 1200 SERIES BOLLARD SYSTEM

- Completed successful crash test and received the K12/Pass certification from the U.S. Department of State, as stated in the Department's SD-STD-02.01, Revision A, Dated March 2003.
- Flexibility in choice of lifting mechanisms.
- Decorative or standard bollard available.
- Operated after test.