High Security
Retractable Cable-Linked Barriers

Model 500

Specifications are subject to change Kontakt os venligst for mere information

The IPS Model 500 retractable cable-linked barriers were developed to provide complete area denial and security protection for air taxiway gaps and aircraft parking areas. Certified to stop a 30,000 lb. vehicle traveling at 50 mph., the IPS Model 500 barriers are used as the first line of defense for mission critical military aircraft and related near-proximity human and physical assets. These innovative barriers evolved from the DOS K-12 certified Model 400 vehicle barrier system. Like the Model 400 barriers, the Model 500 barriers are self-contained, eliminating the need for a central pump station and making the barriers uniquely easy to install, operate and maintain.

TYPICAL APPLICATIONS

air taxiway gaps, aircraft parking areas, military facilities, embassies, utility plants, oil refineries, ports, bridges and tunnels, dams, water treatment facilities

NOTABLE FEATURES

Engineered to stop a 30,000 lb. (13608 Kg) vehicle traveling at 50 mph (80 km/t)

High-strength steel pylons with 3/4" steel cable links withstand high-speed vehicle impacts for any length taxiway gap with minimal or no damage

Bollard posts are normally positioned every 30 feet. Barriers can also be installed in custom intervals

In the rest position, barriers and cables are flush with the taxiway, allowing a smooth rolling surface for taxiing aircraft

Self-contained, independent hydraulic power system in each barrier eliminates the need for a central hydraulic pump station and underground lines

NOTABLE FEATURES

Rapid-response barriers fully deploy in six seconds in normal operating mode and in less than two seconds in optional emergency operation mode

Low power requirement – control box on 110VAC, underground pylons on 24VDC - provides easy and low-cost operation

Integrated bilge pump, sealed motor housing, and all-weather hydraulic fluid provide environmental protection and ensure reliable operation in extreme climates

Independent battery back-up system in each barrier ensures reliable operation during power outages

Engineered, pre-fabricated steel reinforced foundation make installation of barriers quick, easy and cost-effective - simply dig, trench or directional bore, position unit, connect power and controls, and pour concrete

Self-leveling installation braces allow the barriers to be installed and leveled from road grade

Rapid-response barriers can be seamlessly integrated with new or existing perimeter security and facility access equipment, including NIST Government Smart Card access control systems, traffic signs and loop detectors, motorized gate arms, digital video networking systems, and a variety of other vehicle sensors. Custom solutions can also be designed.

IPS' rapid-response response barriers can be controlled and monitored through a direct connection, or wirelessly utilizing high-speed ethernet radio or satellite