

# Horizontal Beam Barrier™

## Description

The Horizontal Beam Barrier™ (HBB) is an attractive, visible electronically-operated steel beam barrier for controlling or barring vehicular traffic. The beam is lowered to surface level to permit traffic flow or raised and secured at 34 inches to stop traffic.

The HBB can be operated with local controls, from multiple remote locations, or with encrypted hand-held controls for unmanned locations. Access control, vehicle detection and vehicle warning systems can also be used. A hand crank is offered as an option to allow the beam barrier to be opened manually in the event of a prolonged power interruption or for manually-operated units.

At locations where the ability to deny access is important, the HBB provides security features not available in other barriers. The HBB was designed to stop a 15,000-lb. vehicle traveling at 50 mph, and has an operating mechanism designed to prevent heavy damage to the system when impacted. A crash rating certification will be provided.

## Applications

The HBB is ideal for facilities with maximum counter intrusion concerns but the need to control occasional or frequent vehicular traffic. The HBB has a unique self-contained, all electric system. The result is a barrier suitable for use in environmentally sensitive areas. The HBB is applicable to metropolitan areas, embassies, military bases, airports, and industrial complexes.

## Installation

The HBB can be quickly and easily assembled and installed because only minimal site excavation is required for installation. High-water table, bedrock, or underground cables and pipes generally are not a problem. Because the device is self-contained except for external power source, it can be mounted with any road surface and does not require the site preparation and construction required for installing other roadway barriers. Shallow and surface-mounted designs are available.

## Features

- Powder coated or painted in over 300 colors, or in stainless steel
- All parts affecting crash worthiness are galvanized or stainless steel
- Low maintenance - the unit is designed for long-lasting wear with minimal repair and parts replacement
- Accessibility of system components-simplified configuration permits easy in-the-field maintenance, repair or modification should it become necessary.



## Product Documentation

- Detailed installation, electrical drawings and instructions specific to each customer product
- Crash certification, warranty, and technical specification
- O&M manual
- Spare parts list
- Most parts are off-the-shelf

## Ongoing Product Support

- Timely response to customer inquiries
- On-site installation oversight
- On-site maintenance and troubleshooting assistance
- Highly qualified support personnel who hold government security clearances
- Training of customer security and maintenance personnel
- Extended warranties

This information and the principles and elements of design embodied therein are the exclusive property of Crisp Barriers, Inc. and are not to be communicated, disclosed, reproduced, or used except as previously authorized in writing by Crisp Barriers, Inc., and must not be submitted to outside parties without consent of Crisp Barriers, Inc. Rev: 08/02/07 HBB.npp