

GREAT FOR CONTROLLED ACCESS POINTS WITH HIGH VEHICLE TRAFFIC!

- ▶ The HBB's operating controls are installed above ground, allowing for easy access for maintenance support.
- ▶ The HBB is entirely electro-mechanical, making it ideal for sites where hydraulic fluids are prohibited.

HORIZONTAL BEAM BARRIER



The **HORIZONTAL BEAM BARRIER** (HBB) features a structural steel beam that lowers to surface level to permit traffic flow and rises to a beam height of 36" to stop traffic. This beam is anchored in place between two end wells, able to secure multiple lanes of traffic or wide checkpoints. The HBB offers a unique solution for properties where the widths of the entrance are wider than most conventional gates can cover, up to 34 feet.

The HBB's compact footprint is perfectly suited for close-quarters installation sites where a high level of security is required. The HBB requires minimum excavation across the roadway itself, and primary excavation is outside the roadway opening, easily avoiding underground utilities and other obstructions.

Boasting a 3 second operating speed, the HBB allows for fast processing of vehicles. The HBB features a warning horn, flashing light, edge sensor, and photoelectric sensor in accordance with UL 325 standards. It is preconfigured for easy integration of additional access control and safety devices as well as integration of barrier command and control from multiple control locations.

Consider adding a **HORIZONTAL BEAM BARRIER** to provide high traffic, wide checkpoints with crash-rated security.

FEATURES

- Crash rated for M30, M40, M50, and 20,000 lbs at 50 mph
- Electro-mechanical operation
- Minimum roadway excavation requirements
- Roadway openings up to 36 feet
- 36" beam height
- 3 second operating speed to full beam height
- 1.5 second operating speed to passenger vehicle height
- High duty cycle for fast vehicle processing
- Double-sided protection
- Compact footprint (extended vertical or lateral clearances not required)
- Powder Coat finish standard; other finishes available

HORIZONTAL BEAM BARRIER

TECHNICAL DATA

| VARIATION | STANDARD FOUNDATION |
|--------------------------------|---|
| Crash Rating | K4, K8, K12 M30, M40, M50 20,000 LBS @ 50MPH *Additional Ratings Available |
| Clear Opening | Min: 12 ft Max: 34 ft |
| Deployment Height | 36" (top of beam) |
| Post Height | 60" (top of end cover) |
| Foundation Depth | 60" (Standard) |
| Foundation Size (ea. End Post) | 60" x 48" (rectangle) |
| Concrete Type | 4,000 psi |
| Operations Options | Electro-mechanical |
| Operating Speed | 1.5 ft/second |
| Duty Cycle | 3 seconds 1.5 seconds to passenger vehicle height |
| Weight | 4,500 lbs |
| Weight Capacity | 20,000 lbs/axle |
| Power Requirements | Single Phase: 240 V 3-Phase: 208/460 V |
| Operating Temperature | -10 $\frac{1}{2}$ to 150 $\frac{1}{2}$ F |
| Reflective Tape | Optional |



ACCESSORIES

IDEAL INSTALLATION

- **Footprints with No Clearance Needed** *gate structure can sit right at the edge of the road*
- **Footprints with Underground Roadway Obstructions** *minimal excavation up to 18"*
- **Vehicle Entrances or Sally Ports with High Traffic Volume** *3 second operating speed*
- **Covers multiple lanes with single gate,** *up to 34 feet*

| ACCESSORY | STANDARD | OPTIONAL |
|-------------------------------------|----------|----------|
| Photoelectric Sensors | ✓ | |
| Loop Detectors | | ✓ |
| Speed Detectors | | ✓ |
| Closed Position Sensors | | ✓ |
| Warning Horn | ✓ | |
| Flashing Light | ✓ | |
| Traffic Lights | | ✓ |
| LED Lights | | ✓ |
| Voice Alarm | | ✓ |
| Foundation Heaters | | ✓ |
| Cooling Fans | | ✓ |
| Key Lockable 3 Button Control Panel | ✓ | |
| Digital Keypad | | ✓ |
| Card Reader | | ✓ |
| Handheld Remotes | | ✓ |
| Intercom | | ✓ |