



## Model B-30 Bollard System

- DOS Certified K8 rating 15,000 lbs @ 40 mph ( 6,803.9 kg @ 64.4 km/hr )
- Operate as a set or independently
- Automatic, semi-automatic, fixed and removable
- Precision machined anti-friction surfaces
- Field adjustable controls provide individual speed control
- High cycles
- Long-term durability
- Decorative sleeve options
- Lost casing design for ease of install and maintenance

## Security Solution with Aesthetic Design

B&B ARMR's Model B-30 Bollard Systems are expertly and aesthetically designed to act as a vehicular deterrent for perimeter security and traffic control purposes.

Engineered for simple installation and fast service, the Model B-30 is constructed of high strength steel cylindrical units guided by an offset flange assembly with precision machined anti-friction surfaces. Custom bollard finishes and decorative sleeve options are available. The B-30 bollard system provides a high level of perimeter security while enhancing the aesthetics of a facility.

The Model B-30 features two operation modes further allowing tailored control solutions for any type of facility or environment. Automatic (hydraulic) operation of the bollard system is ideal for areas requiring continual operation and

access. Semi-automatic bollards are ideal for locations where power is either unavailable or is not practical to provide.

Configuration is simple and can include from one bollard to as many as 10 bollards running off of a single hydraulic pumping unit. The B-30 Bollards are designed with a lost casing to expedite installation, maintenance or replacement.

The threat of terrorism has significantly increased the importance of physical security, and B&B ARMR's B-30 Bollard Systems allow government facilities, military installations, industrial and petrochemical facilities take necessary steps to protect both property and personnel from vehicle threats.

**Anti-Terrorist Vehicle Barriers**  
**Automated Gate Systems**  
**Full Product Service and Support**

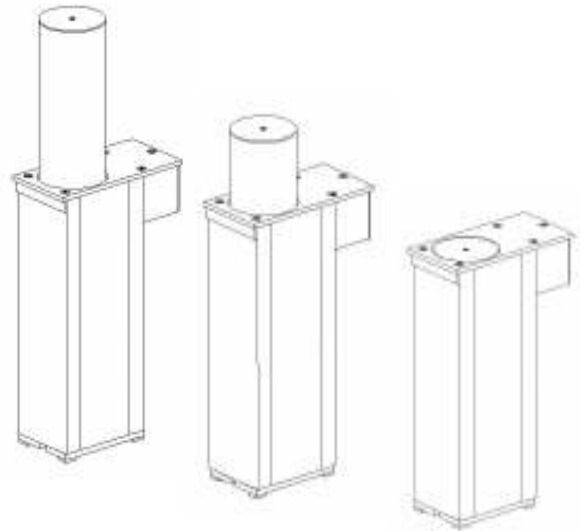


# Model B-30 Bollard Systems

Available Models	Drive Design	Operating Time
B-30 Automatic Bollard System*	Hydraulic	3-10 Seconds**
B-30 Semi-Automatic Bollard System*	Manual	Manual
Features	B-30 Auto.	B-30 Semi.
Weather Resistant HPU	✓	—
Limit Switch	✓	—
Loop Detector	✓	—
Master and Remote Control Panel	Option	—
Bollard Strip Heater	Option	—
Stand Alone Warning Gate Arm	Option	—
Bollard Heat Trace Cable	Option	—
Battery Back-Up Controls	Option	—
Traffic Light with Pole	Option	—
Safety IR Beams	Option	—

\* Must be installed in pairs of three to maintain Department of State crash rating.

\*\* Operating time may be adjusted to suit users' needs. In emergency operation, the bollards will deploy in less than one second.



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Arranged independently or as a set, the Model B-30 Bollard System incorporates dual speeds. Normal operation, which is site adjustable, and emergency fast operation (less than 1 second) for when immediate deterrence is required. The bollards also feature multiple operating methods including card reader activation, push button control, and vehicle detection to suit the characteristics of any operation.



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