



Models 712 and 714 Cable Reinforced Crash Beams

- Crash tested per U.S. Navy and Department of the Army Specifications
- Stopping Power 10,000 lbs @ 18 mph (4,535.9 kg @ 29 km/hr)
- Hydraulic and manual operation
- Custom gate sizes available
- Long-term durability
- Cost effective solution
- Ease of installation and integration
- Continuous duty operation

Solid Performance, Flexible Installation

B&B ARMR's Crash Beam Barriers are engineered and designed to protect at-risk access points and prevent forced vehicle entry or exit for facilities requiring medium to high security. Available in manual and hydraulic operating modes, these crash beam barrier gates are ideally suited for oil refineries, chemical plants, train yards, storage facilities, data centers, nuclear facilities, military installations and government agencies.

B&B ARMR's crash beam models have a minimum roadway opening of 12 feet (3.7 m) and a maximum up to 20 feet (6.1 m). The units are capable of immobilizing a 10,000 lb. (4,535.9 kg) vehicle traveling 18 mph (29.0 km/h).

Basic components of the crash beam barriers include the standard vertical to horizontal arm with an energy absorption cable assembly, hinge post, receiver/latch post, and automatic controls.

When the crash beam is hit by a vehicle, the aluminum arm gives way to the cable inside, and the impact energy is absorbed as the cable stretches. When the cable is at full tension, the impact energy is then transferred to the foundation through the hinge post and the receiver/latch post of the crash beam.

B&B ARMR's crash beams have been successfully crash tested for energy absorption capacity per U.S. Navy Specifications and Department of the Army, and all are individually inspected at the time of final assembly and testing.



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Available Models	Drive Design	Operating Time	Gate Opening
712 Cable Crash Beam	Hydraulic	8-15 Seconds*	12' to 20'
712B Bolt Down Cable Crash Beam	Hydraulic	8-15 Seconds*	12' to 20'
712P Portable Cable Crash Beam	Hydraulic	8-15 Seconds*	12' to 20'
714 Cable Crash Beam	Manual	Manual	12' to 20'

B&B ARMR's crash beams are available with several enhancement options to easily suit any user's needs. For extremely cold weather, the receiver/latch post may be equipped with a heater for uninterrupted operation, or an electromagnetic lock may be installed for additional security during unattended times. The Model 714 may be raised and lowered by one person without the use of counter weights, and Model 712P is a portable vehicle barrier designed for fast installation in areas where a permanent barrier is not available. The Model 712B is a bolt down version designed for shallow foundation installations.

Features	712	714
Limit Switch	✓	—
Crank for Manual Operation	✓	—
Loop Detector	✓	—
Master and Remote Control Panel	Option	—
Upgraded HPU	Option	—
Magnetic Lock	Option	Option
Stanchion Heater	Option	Option
Traffic Light with Pole	Option	—
LED Flasher Light Kit	—	—

* Operating time may be adjusted to suit users' needs.



Model 714 Cable Crash Beam



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As a premier provider of high security gates and barriers for perimeter protection and control, B&B ARMR is well positioned to serve our clients with unparalleled product offerings for commercial and industrial applications. For further information call us at 800-367-0387, or visit our website at www.bb-armr.com.