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Models 712, 714 and CR-25 Cable Reinforced Crash Beams

- Crash tested per U.S. Navy and Department of the Army Specifications
- Hydraulic, manual or electromechanical operation
- Custom gate sizes available
- Portable (Model 712P)
- Low maintenance
- Low initial cost
- Ease of use
- Long-term durability

Solid Performance, Flexible Installation

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

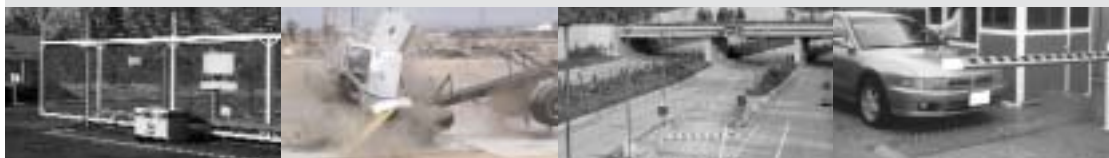
B&B ARMR's crash beam models have a minimum roadway opening of 12 feet (3.7 m) and a maximum of 28 feet (8.5 m). The units are capable of immobilizing a 10,000 lb. (4,535.9 kg) vehicle traveling 18 mph (29.0 km/h). Basic components of the crash beam barriers include the standard vertical to horizontal arm with an energy absorption cable assembly,

hinge post, receiver/latch post, cable-reinforced crash beam and automatic controls.

When the crash beam is hit by a vehicle, the 4-inch diameter 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 time of final assembly and test. For quality assurance standards, a Certification of Testing is included in the handbook for validation of meeting internal Quality Assurance Standards.

Perimeter Security
Anti-Terrorist
Road and Bridge
Traffic Control



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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 manual unit, 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.



Model 712P Installed at a temporary high security parking facility

Model No.	Model Name	Gate Opening	Operating Time	Portable	Certification
Model 712	Hydraulic Cable Reinforced Crash Beam	12' to 28'	5-15 seconds*	No	K1.1
Model 712P	Portable Hydraulic Cable Reinforced Crash Beam	12' to 28'	5-15 seconds*	Yes	K1.1
Model 714	Manual Cable Reinforced Crash Beam	Up to 25'	Manual	No	K1.1
CR-25E	Electromechanical Vertical Crash Beam Barrier Gate	Up to 25'	13 seconds **	No	Level 1/L2; KN1-LN2
CR-25M	Manual Vertical Crash Beam Barrier Gate	Up to 25'	13 seconds **	No	Level 1/L2; KN1-LN2

* Operating time may be increased or decreased to suit users' needs.

** Operating time depends on arm length.



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As the premier provider of high security gates and barriers for perimeter control, bridge and rail crossing, B&B ARMR Corporation is well positioned to serve our clients with unparalleled product offerings for commercial and institutional applications and customized, turnkey installation services. For further information about how B&B ARMR can provide customized, cost-effective crash rated barriers and parking control solutions, call us at 800-367-0387, or visit our website at www.bb-armr.com.

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