



Models 712, 714, and CR-25 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, manual or electromechanical 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, hydraulic or electromechanical operating modes, the crash beam barrier gates are ideally suited for oil refineries, chemical plants, train yards, storage facilities, technical 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 25 feet (7.62 m). The units are capable of immobilizing a 10,000 lb. (4,535.9 kg) vehicle traveling 18 mph (29.0 km/h), and carry a engineered rating of 5,000 lbs (2,268 kg) at 44 mph (70.8 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 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.

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



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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'
CR-25P Cable Crash Beam	Electric	8-13 Seconds**	12' to 25' ***
CR-25M Cable Crash Beam	Manual	Manual	12' to 25' ***
Features	712	714	CR-25
Limit Switch	√	—	√
Crank for Manual Operation	√	—	√
Loop Detector	√	—	Option
Master and Remote Control Panel	Option	—	Option
Upgraded HPU	Option	—	—
Magnetic Lock	Option	—	Option
Stanchion Heater	Option	—	—
Traffic Light with Pole	Option	—	Option
LED Flasher Light Kit	—	—	Option

B&B ARMOR'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.

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

** Operating time depends on arm length.

*** Custom arm lengths available.



Model CR-25P Electromechanical Cable Crash Beam



Model 712 Bolt Down Cable Crash Beam



Power Door Products

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