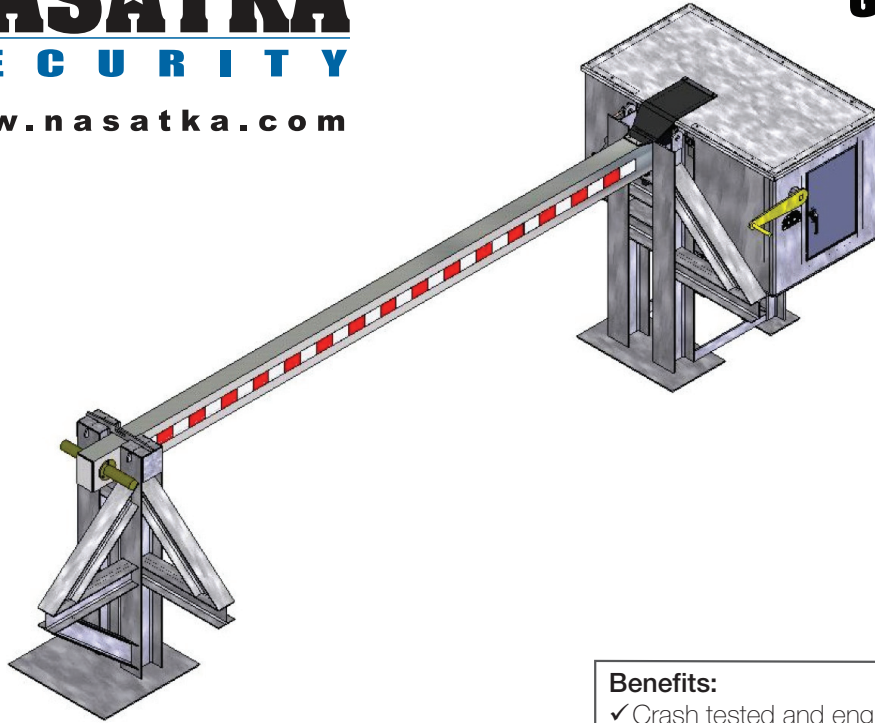




NMSB-XII K4 / K8 / K12 Crash Beam



The K4/K8/K12 Nasatka Crash Beam Barrier NMSB-XII series is ideal for access-control scenarios with low to medium vehicle traffic. The NMSB-XII overcomes harsh terrain issues due to snowplows and other roadway obstacles. The barrier is DOS K12/L3 crash rated, K4 and K8 versions are also available. Nasatka's K-rated crash beams are typically used for entry/exit control points at military and civilian government installations, nuclear power plants, chemical plants, and other high security facilities. Barriers have a height of 32" from the center of the crash beam. With hot-dip galvanized steel; the NMSB-XII series features a self-contained, attached housing unit. Standard cycle time is 8-15 seconds depending on the crash beam length and operator type. Vertical or horizontal swinging open/close options, as well as custom sizes and configurations are available.



Features:

- ✓ Multiple operators – electric, hydraulic, or manual operation
- ✓ Cycles in 8-15 seconds
- ✓ Available in vertical, horizontal, sliding open/close options

Benefits:

- ✓ Crash tested and engineer rated
- ✓ Capable of spanning distances up to 24'
- ✓ Works with stand-alone system for less threat or with K12 barriers
- ✓ Ideal for traffic control using balance of hydraulics and counterweights

Crash Rating:	DOS K12/L3 crash rated, K4 and K8 versions are also available.
Barrier Beam Material:	U.S. ASTM B-317, 6061-T6; Yield Strength: 25 Kpsi. All other materials are A36 structural grade steel
Barrier Height:	In the fully secure or closed position, the barrier arm has a top height of 35"±1" above grade level.
Barrier Weight:	10' 5,500 lbs., 11' 5,800 lbs., 12' 6,100 lbs., 14' 6,800 lbs., 16' 7,600 lbs., 18' 8,500 lbs., 20' 9,200 lbs., 22' 10,100 lbs., 24' 11,100 lbs., 26' 12,000 lbs.
Power Requirements:	Barrier - 208 or 230 VAC, 1 or 3 Phase, 50/60 Hertz, Master Control Panel - 24VDC
Cycle Time:	The barrier will cycle to the open position in approximately (8-15) seconds under normal operating conditions depending on the clear opening size and setting for operational speed.
Operators:	All electric motor, electro-hydraulic or manual operation via counterweights.
Position Selection:	System configuration to remain in customer-selected position (open/closed) without external hydraulic pressure.
Barrier Finish:	All steel components of the barrier are hot dip galvanized. The beam has red and white reflective stripes.
Operating Modes:	<p>BARRIER IS OPEN (UNSECURED) Close: Barrier moves to the secure position in standard operating time Open: No Action</p> <p>BARRIER IS CLOSED (SECURE) Close: No action. Open: Barrier moves to the unsecured position in standard operating time</p> <p>BARRIER IS BETWEEN OPEN AND CLOSED AND MOVING TO A SECURE POSITION. Close: Barrier moves to the secure position in standard operating time Open: Barrier immediately reverses direction of travel and moves to the unsecured position in standard operating time (slightly faster due to reduced travel)</p> <p>BARRIER IS BETWEEN OPEN AND CLOSED AND MOVING TO AN UNSECURE POSITION. Close: Barrier immediately reverses direction of travel and moves to the unsecured position in standard operating time (slightly faster due to reduced travel) Open: Barrier moves to the unsecured position in standard operating time</p>
System Controller:	Uses a secure, standards-based end-to-end architecture where a real time active vehicle barrier microprocessor controls all input and output, data logging, device enrollment and validation.
Control Panel:	Standard push button controls with multiple modes of operation Standard menu using a 5.7" color touchscreen Customized user interface with optional background site map running on 8", 10", 12", or 17" touchscreens
Foundation:	The NMSB-XII requires a 4,000 psi minimum strength concrete and a 36" deep foundation for the housing and receiver.