

NMSB XVI

M40 (K8) Single Butress Bolt Down

Nasatka Maximum Security Barriers NMSB XVI (pronounced 16) is a single-butress, bolt down or cast in place barrier for intermediate-threat security facilities. Depending on the installation configuration, NMSB XVI is engineer rated to ASTM PU40 or 5070lb pickup truck at 40mph. The average barrier opening is 10' (3.05 meters). In the up position the top of the barrier is 20" (50.8 cm) above the road surface. Hot-dip galvanized for years of service.

EPA approved, self-contained attached housing unit. Standard barrier deployment time is 3 seconds (available <1 second E-up option) at an average of 10 full cycles per minute. Anchoring system available as either a cast or bolt down. Manual Operation is eased w/o the aid of hydraulics or electrics. NO weight restrictions. Traffic Lights and Gate arms may be integrated within existing butress(es).

U) and 1000 (EPU) extra cycles per charge, while optional solar panel or external generator power can be used in more remote locations.

The NMSB XVI series barriers use biodegradable hydraulic oil which is engineered for extreme temperatures and is compliant with US Fish & Wildlife and EPA standards. Hot-dip galvanized steel components are used for a built-to-last barrier.

Nasatka mobile barriers have been designed from the ground up to be the dependable, flexible, formidable, rapidly deployable weapon in your access security arsenal. Nasatka mobile barriers can be deployed and operational in as little as 12 minutes,



protecting targeted facilities, access control points, or special events. Nasatka mobile barriers are U.S. DOT approved and can be towed to deployment locations with a heavy duty pick-up truck or a military vehicle (with optional military towing package).

The NMSB XVI series barriers can be positioned nearly anywhere a threat is expected. No excavation or foundation is needed, because they're suitable for use directly on soil. The integral lifts, wheels, and tongue make them a truly mobile barrier designed for rapid deployment. Despite their mobility, the NMSB XVI series barriers have the look and feel of Nasatka's K12 shallow foundation wedge barriers, providing the strongest visual deterrent possible.

The NMSB XVI are crash test certified to M40/P3 (equivalent to K8) standards.

Features

- Deployable in as little as 12 Minutes
- Standard and Military Towing Package Available
- U.S. DOT Vehicle ID Number (VIN) Registration
- Designed to Operate Manually if Loss of External Power Occurs
- Network Capabilities for Remote Control
- Clear Opening of 16 Feet (4.8 m)

Benefits

- NMSB XVI-16ft Clear Opening – ASTM F2656 07 M40 P3 (equivalent to K8)
- No Special Surface, Excavation, or Anchoring Required
- Towable to Deployment Location with Heavy Duty Pick-up Truck
- Transportable via Two/Three Personnel or Helicopter Airlift
- Integral Lifts, Wheels, and Tongue Make Them Truly Mobile
- Fabricated with Hot-dip Galvanized Steel

Specifications

<p>CRASH RATING</p> <ul style="list-style-type: none"> • ASTM F2656-07 M40/P3 (15,000 lb/6,800 kg at 40 mph/65 kph (equivalent to K8)) <p>IMPACT ENERGY</p> <ul style="list-style-type: none"> • 802 ft-kips/1110KJ <p>PLATE MATERIAL</p> <ul style="list-style-type: none"> • U.S. ASTM A-36; yield strength: 36 KSI <p>PLATE HEIGHT</p> <ul style="list-style-type: none"> • 33 inches (838 mm) <p>AXLE LOAD</p> <ul style="list-style-type: none"> • 32,000 lb/14515 kg (16 ton/14.5 MT) <p>POWER REQUIREMENTS</p> <ul style="list-style-type: none"> • Charger/BBU¹- 110 or 220 VAC, 50/60 Hz • Barrier - 12 VDC Battery (with the following charging options: • AC Power/Charger, AC Power/UPS, Solar, External Generator) <p>CYCLE TIME</p> <ul style="list-style-type: none"> • Normal barrier deployment in 3-5 seconds 	<p>OPERATORS</p> <ul style="list-style-type: none"> • Electric operator with remote EPU (electric power unit) • Hydraulic operator (electro-hydraulic power unit) <p>FINISHES</p> <ul style="list-style-type: none"> • Impact side: Reflective red STOP or white STOP decal • Vehicle passage side: Anti-skid coating • 100% hot dipped galvanized • Custom finishes available (chevrons, "STOP" in other languages, etc.) <p>OPERATING MODES</p> <ul style="list-style-type: none"> • Normal: Barrier opens and closes at normal speeds. Operator is controlled electrically or hydraulically and commands are received via operator input or automation sequence initiation • Emergency: Electric operator only • Manual: Bar lever operation 	<p>SYSTEM CONTROLLER (Optional)</p> <ul style="list-style-type: none"> • Uses a secure, 128-bit AES encrypted communications capable, standard-based end-to-end architecture, utilizing a real time active vehicle barrier micro-processor to control all input and output, data logging, device enrollment and validation <p>CONTROL PANEL</p> <ul style="list-style-type: none"> • Two-button (push-and-hold to operate) 25 ft (7.62 m) tethered control (attaches at either end of barrier) • Standard push button controls with multiple modes of operation • Standard menu uses a 5.7-inch (144.78 mm) color touchscreen • Custom user interface running on 8, 10, 12, or 17-inch (203.2, 254.0, 304.8, or 431.8 mm) touchscreens (with optional background site map) <p>WARRANTY</p> <ul style="list-style-type: none"> • One Year • Optional second and third year warranties available
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BARRIER DETAILS (P/N)	OPENING (Ft.)	WEIGHT (Lbs.)	FOUNDATION (L-W-D)	NOTES
1153-1602-0000	16	12,500	280 – 101 – 94	HPU
1153-1603-0000	16	12,500	280 – 101 – 94	EPU