

NMSB IIIB

K12 Single Buttruss Steel Plate Barrier



The Nasatka Maximum Security Barrier NMSB IIIB (pronounced 3B), steel plate wedge barriers, are the most proven, tested and reliable vehicle access control barrier systems in the United States and overseas. From military bases and embassies to data centers and government agencies, the Nasatka steel plate wedge barrier system has become a signature standard when protecting global assets.

All models are pre-assembled to precise site specifications and installation is as easy as trench, tamp, set and pour. Nasatka's

patented, self-contained buttruss and shallow mount steel plate barrier design greatly simplifies installation, reducing both initial installation costs and long-term maintenance requirements. Nasatka's NMSB IIIB barriers feature hot-dipped galvanized steel construction, providing a one-of-a-kind vehicle barrier system with long lasting durability and protection. The NMSB IIIB system offers the perfect combination of engineering achievement and maximum durability in order to operate in harsh environments for a powerful security solution.

Features

- **Green:**
 - Available Electric Operator - Integrated Electric Power Unit (EPU)
 - Shallow Mount 16-inch Foundation
- Standard Hydraulic Operator – Electro-Hydraulic Power Unit (HPU)
- Normal Barrier Deployment in 3-5 Seconds, Emergency in 1-2 Seconds
- Plug-And-Play Systems (Requires Only Power and Control Wire to Operate)

Benefits

- DOS K12/L3 Crash Tested (Impact Energy = 1,253 ft-kips/1,699 kJ)
- No Exposed External Hydraulic Lines or Electrical Parts
- Designed to Operate with Loss of External Power
- Accumulator (Hydraulic Operator) 3 Spare Cycles
- UPS/Battery Backup (Electric Operator) 60 Spare Cycles
- Easily Interfaced with Access Control Systems
- Hot-Dipped Galvanized Steel Construction Provides Excellent Return On Investment

Specifications

<p>CRASH RATING</p> <ul style="list-style-type: none"> • K12 (15,000 lb/6810kg at 50 mph/80kph) <p>PLATE MATERIAL</p> <ul style="list-style-type: none"> • U.S. ASTM, A514 Type-B (T-1), yield strength 100 KSI <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"> • Barrier - 208 or 230 VAC, 1 or 3 Phase, 50 or 60 Hz <p>CYCLE TIME</p> <ul style="list-style-type: none"> • Normal barrier deployment in 3-5 seconds. • Emergency barrier deployment in 1-2 seconds. <p>OPERATORS</p> <ul style="list-style-type: none"> • Electric operator with integrated EPU (electric power unit) • Hydraulic operator (electro-hydraulic power unit) 	<p>FINISHES</p> <ul style="list-style-type: none"> • Standard: • 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. Barrier is controlled electrically or hydraulically and commands are received via operator input or automation sequence initiation. • Emergency: Barrier closes to secure position at a faster rate of speed. Operator retains position until commands are received via operator input. • Manual: Open and close barrier via manual release of accumulator charge or manual hand pump or close via drift circuit. 	<p>SYSTEM CONTROLLER</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"> • 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
--	---	--

BARRIER DETAILS (P/N)	OPENING (Ft.)	WEIGHT (Lbs.)	FOUNDATION (L-W-D)	NOTES
1103-1022-0000	10	4277	14 Ft. - 8 Ft. - 16 In.	HPU Wt with the Gate Arm
1103-1202-0000	12	4703	16 Ft. - 8 Ft. - 16 In.	HPU Wt with the Gate Arm
1103-1402-0000	14	5085	18 Ft. - 8 Ft. - 16 In.	HPU Wt with the Gate Arm
1103-1003-0000	10	4277	14 Ft. - 8 Ft. - 16 In.	EPU Wt with the Gate Arm
1103-1203-0000	12	4703	16 Ft. - 8 Ft. - 16 In.	EPU Wt with the Gate Arm
1103-1403-0000	14	5085	18 Ft. - 8 Ft. - 16 In.	EPU Wt with the Gate Arm