



1. Product Name

NOVA Defender Gate™ XL

2. Manufacturer

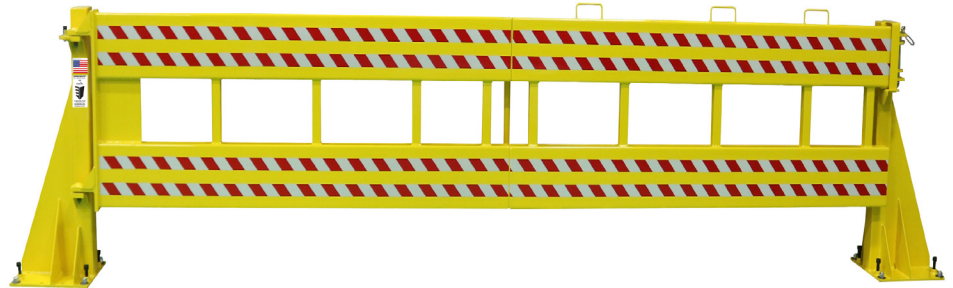
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3. Product Description

General Description

The NOVA Defender Gate™ XL is available in larger sizes from 12-feet wide to 16-feet wide and has double rails like the DG20. Bollards and trusses support the added weight of the elongated design and a third top handle is included to ensure ease of operation. The DGXL provides a larger coverage area for increasing in-plant safety and security or protecting loading docks and other elevated surfaces.

NOVA offers the DGXL with Safety Guard attachments for enhanced protection. Safety Guards for the double-rail DGXL add barriers above, below, and in-between the rails that reach 72-inches high and extend to 6-inches above the floor for overhead and crawl-through protection.

Operation

The NOVA Defender Gate™ XL safety barrier is a manually operated gate that effortlessly folds in half with easy glide hinges and allows full pass-through clearance.

Structural

The bollards are constructed from 4-inch square, 3/16-inch thick A-500 Grade B steel tubing. The tubes are welded to 3/8-inch thick A-36 steel base plates and anchored to the floor with a total of (24) 3/4 x 6-inch long concrete anchor bolts, included. The main center sections of the gate are made from A-500 Grade B rectangular steel tubing, 10 x 3 x 1/8-inches

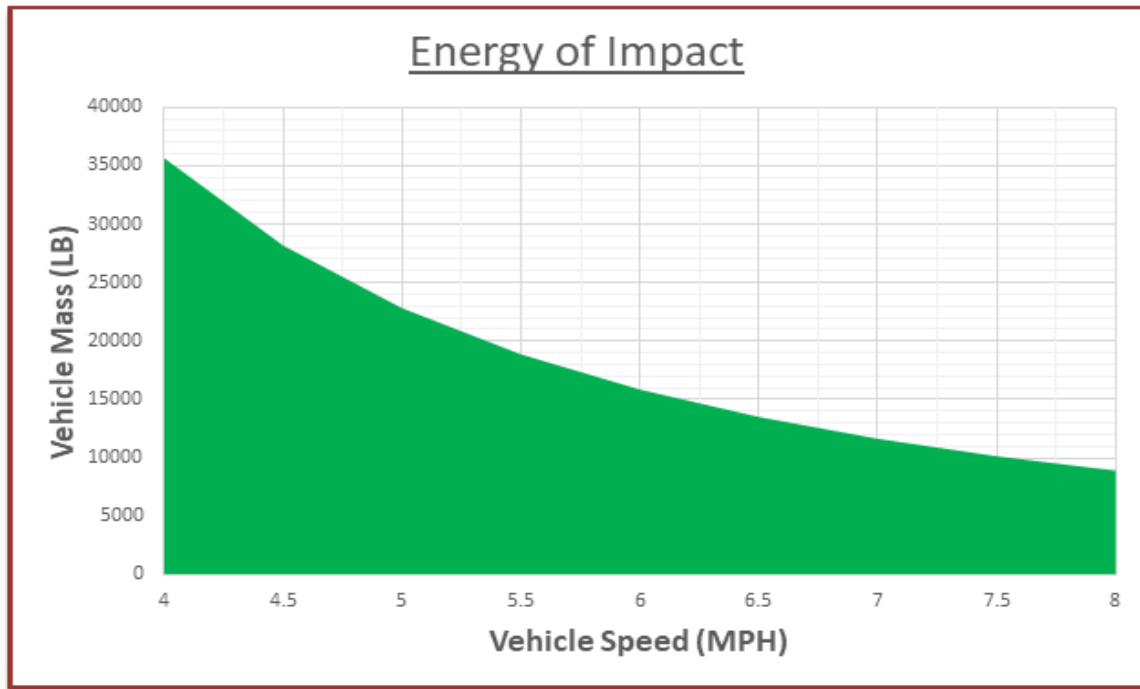
thick, and joined in the middle with a center pin. The entire gate is powder-coated safety yellow for optimal visibility and durability.

Based on its engineered design and proven by standardized testing the Defender Gate™ can stop a 13,500-pound forklift traveling at 6.5 mph. To better quantify the impact rating designation and provide a better degree of impact protection, the Gate can be rated in terms of total Kinetic Energy absorbed.

The chart below helps understand the effects of various speeds and weights based on the Kinetic Energy absorbed. The Defender Gate™ is engineered to provide effective protection for any combination of vehicle mass and speed in the green shaded area of the chart.

Safety Features

- Provides a larger coverage area for increasing in-plant safety and security or protecting loading docks and other elevated surfaces
- Safety Guards for the double-rail DGXL add barriers above, below, and in-between the rails that reach 72-inches high and extend to 6-inches above the floor for overhead and crawl-through protection
- Powder-coated yellow finish with 3M® reflective tape



Standard Features

- Heavy-duty steel construction with self-lubricating hardware
- Allows full pass-through
- Standard sizes available from 12 to 16-feet
- Includes locking pin with padlock
- All-steel construction with bollards and trusses
- Built-in leveling screws
- Upper and lower guardrails
- Three top handles for easy operation

Optional Features

- Safety Guard attachments and electronic interlock options available
- Custom sizes and configurations available

Benefits

- Easy to operate with minimal effort
- Ships in just three pieces (all hardware included)
- Meets OSHA guidelines for fall protection
- Stops a 13,500-pound forklift traveling 6.5 mph!

4. Technical Data

Applicable Standards

American Society for Testing Materials (ASTM)

- ASTM A36/A36M—Standard Specification for Carbon

Structural Steel

- ASTM A370—Standard Test Methods and Definitions for Mechanical Testing of Steel products
- ASTM A500/A500M—Standard Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes

Occupational Safety and Health Administration (OSHA)

- 29 CFR 1910.23(e)(3)(v)(b)—Occupational Safety and Health Standards, Walking-Working Surfaces, Guarding Floor and Wall Openings and Holes

Environmental Considerations

NOVA Technology uses environmentally friendly material in its packaging where available.

5. Installation

Product installation instructions are available online at www.novalocks.com.

6. Availability and Cost

Availability

NOVA Technology products and services are sold entirely through the NOVA Nationwide Dealer Network.

For a dealer in your area, routine service, preventative maintenance, product questions, or to request a quote, contact NOVA Technology.

Cost

Pricing information may be obtained from an authorized NOVA dealer.

7. Warranty

NOVA Technology warrants all of its manufactured products shall remain free of defects in material and workmanship under normal use for a period of one year from the date of shipment.

8. Maintenance

Product maintenance and operation are specific to product types and are available online at www.novalocks.com.

9. Technical Services

Technical assistance, including more detailed information, product literature, test results, project lists or assistance in preparing project specifications is available by contacting NOVA Technology.

10. Filing Systems

- ARCAT®
- Additional product information is available from the manufacturer upon request