

## Rologard K2800 vehicle barrier general specifications

The intent of this specification is to describe a modular vehicle security barrier and related components hereinafter referred to as the *system*. The system shall be made up of primarily fabricated steel, with a stopping performance of ASTM2656 hard surface rating of m/30, p/3. Additionally the system shall have proven performance on ice+snow, and turf surfaces.

Unit dimensions shall nominally be 24" in width, 36" in height and a base length of 48". Unit weight shall exceed 700 pounds. The system shall be of a bi directional design with stopping capacities equal to impact on either side of the barrier.

Each barrier shall be equipped with an integrated screw jack (no hand cart shall be required to move the unit), Screw jack handle/crank shall be easily removable to deter unauthorized movement, flat proof wheels no less than 3" in width and 12" in diameter and a foldable grab handle. Additionally the unit shall include an integrated lifting eye, guidable forklift pockets and a towbar socket allowing for towing the unit. The unit shall be positionable by one person without auxiliary tools. The unit shall allow for varying types of bottom edge bolt on scrub bars. The unit shall include a storage compartment located in the center of the unit for storage of system components. The unit shall meet ISO standard 12100:2010/6.3 exposed edge guarding (exposed serrated metal components shall not be allowed).

The unit shall include spacer cables and all hardware to interconnect the barrier units. The unit shall be easily integrated in use and application with other barrier brands and types. The basic unit shall be hot dip galvanized meeting AASHTO standard m111, with safety orange powder coated subcomponents as standard. Other colors to be made available per customer requirements. The basic system shall include signage (stop) and LED solar powered strobe light. Agency specific name placards are included per customer requirements. A minimum of 24 square inches of safety reflective tapes shall be attached to the system.

Rologard can and shall provide trailering packages, including drop deck trailers, which include dual axles, electric brakes, LED lighting, 2 5/16 ball and be roadworthy on local, state and federal roadways. Both the barrier and transport trailer shall be manufactured in the United States and compliant with the Build America-Buy American Act.

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Key features shall include: bidirectional, towable, no handcart, BABAA compliant, no assembly

**Rologard**  
Mobile Vehicle Security Barriers

