

Specification: Rologard K26800 X Factor Mobile Vehicle Security Barrier
Fully Assembled Unit With Transport Kit

This document may be used as a written specification for the Rologard K2800 mobile vehicle security barrier, as a basis for a Request for Quotation (RFQ's), Invitation to Bid (ItB's), Notice of Funding Opportunity (NOFO's), Request for Information (RfI's) or other statements of interest. Please review the www.rologard.com website for updates, changes and/or additions to this specification.

(This document is current as of August 2, 2025)

Paragraph 1- The intent of this specification is to describe a mobile vehicle security barrier, hereinafter referred to as the *system*. The purpose of the system is to act as a deterrent to vehicles being used to impact and harm pedestrians and/or infrastructure such as buildings, bridges, port facilities, utility and communication centers and other critical-to-public-safety facilities. The system shall be of, primarily, fabricated steel and hot dip galvanized major metal components. Non-surface engaging members shall be powder coated. The system shall be purposely positioned on sites determined to be likely targets and/or points of attack from motorized vehicles. The one barrier width shall not exceed 24" or .6 meters of width, 48" or 1.2 meters in length, or 36" or .95 meters in height without spacer cables. The unit shall comply with the U.S. Dept of Homeland Security Buy American Preference as denoted in FEMA Interim Policy Directive #207-22-0001. Minimum unit weight shall be 700 pounds or 315 kgs. The unit shall be of a bidirectional construction meaning its attack stopping capacity is the same no matter which side of the barrier is impacted.

Paragraph 2- Equipped with a transport kit including an integrated screw jack and foldable handle the system shall, in accordance with the Internationally Recognized Standard for Vehicle Security Barrier Portability, to wit, be deemed portable upon its demonstrated ability to be moved from its sitting position, a distance no less than 30 meters in no greater time than 2 minutes and returned to a sitting position, by one person, without the application and/or addition of any extraneous tools, tooling, poles, hand carts or hitches, conducted upon a dry hardened, flat surface. The unit shall comply with ISO 12100:100/2010 6.3 sharp/pointed edge guarding. He shall include flat proof wheels no less than 12" in diameter mounted on tapered roller type bearings.

The transport kit shall include the following: a vertical screw jack to raise and lower the system by using a hand crank or electric drill with adaptor, a foldable grab handle, tires of which have a minimum diameter of 12 inches and a width of 3". Additionally safety+promotional banners/signage shall be available; signage including STOP and directional shall be available; safety lighting apparatus shall be available. Refer to Rologard Bulletin 25a+b for detailed kit numbers. K2800 barriers when equipped with the transport kit shall require no assembly, shall be deployable by one person, including the loading and unloading from a RolPak trailering system.

Paragraph 4- An open deck or enclosed trailer--(choose one or the other), shall be supplied with requisite barrier tie downs, and guide tracks to facilitate K2800 vehicle barriers; the trailer shall be dual axle, include electric brakes, heavy duty fenders, LED lighting, safety chains, screw jack and 2 5/16 hitch ball coupler. (RolPak trailering system) capable of highway travel.

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Key features shall include "towable", "integrated screw jack without hand carts or auxillary handles", "no assembly"--for units with transport kits, "BABAA+DHS Buy American Preference compliant"