



Rologard K3200 Horizontal Swing Beam Specifications

The intent of this specification is to describe a horizontally displaced vehicle security barrier, specifically the Rologard Global K3200 series unit. The unit shall be attachable to the other Rologard vehicle barriers including the K2600 and K2800 as well as to other brands of vehicle barriers. The construction of the unit shall include a horizontally positioned tubular structure with internal cable, said cable affixing to vehicle barriers at either end of the tubular structure. One end of the tubular structure shall connect to a positioned vehicle barrier, such as a Rologard K2800, via a ball and coupler arrangement allowing the tubular structure to be manually rotated about said pivot ball 190 degrees. The opposing end of the tubular structure shall incorporate a flat tang plate that intersects with opposing hammer-strap plates and is secured via a vertically positioned locking pin. The tubular structure on the end opposite the coupler ball arrangement shall incorporate a vertical spar to which dual wheels shall be affixed. Said wheels shall be flat proof and suitable for multi terrain usage. A plurality of vertical spars shall be placed across the length of the tubular structure via placement in matching orifices in the top and bottom of the tubular structure. The bottom of each individual vertical spar shall allow the placement of a singular flexible cable attached at the ball coupler end of the tubular structure to the vehicle barrier and at the other end of the flexible cable attached to the aforementioned tang plate. The barrier shall have an ASTM 2656 crashing rating of P2 and a maximum penetration depth of less than 22 feet/6.6 meters.

The barrier shall be (galvanized or powder coated) and designed for severe exterior weather conditions.

