



**MILITARY &
SECURITY
EXPERTS**

Wedge barrier with a low-maintenance actuator!

RSS-2000

Electro-Mechanical K12 Wedge Vehicle Barrier Spec

Barrier Construction Details

Materials: Barrier is a shallow steel vault assembly, hot dipped galvanized, with an anti-skid top surface. All barriers are shipped fully operational and self contained from the factory ready for install.

Barrier Height: Removable Post Assembly height is 36"

4 posts: 36 WB K12 10' 10' x 6' x 2' depth

5 posts: 36 WB K12 12.5' 12.5' x 6' x 2' depth

6 posts: 36 WB K12 15' 15' x 6' x 2' depth

Overall Benefits

Exceptional Reliability - We know that some wedge barrier models, especially hydraulic vehicle barriers, are plagued with breakdowns and expensive maintenance. Ours is a refreshing alternative.

Elimination of Environmental Problems - Clean-running barrier doesn't leak contaminants and is safe to use near water sources.

The normal speed is less than 1.5 seconds with a less than 1 second Emergency Fast Operation speed.

Greatly Reduced Maintenance Costs - Hydraulic systems, the predominant system in use up to the 21st Century,

are expensive to maintain. Even brand-new hydraulic barriers break down and need fixing just from normal use. The new, electro-mechanical system we offer has just one self-contained actuator component rather than a multitude of hoses and pumps and a large, inefficient power unit.

Velocity Shaping Reduces Wear and Tear - Our EM technology provides soft starts and stops of the barrier during both normal and fast operation, which prevents the "energy of motion" from being transferred back into the structure and surrounding concrete. Other systems simply rely on the structure to stop the unit, resulting in extremely loud operation, linkages that quickly fatigue or deform, hinge points that break and twist, and the surrounding concrete that rapidly cracks and loses proper retention.

Barrier Options:

Battery Back-up System: Allows units to operate over 200 cycles in the event of commercial or emergency generator power failure. **Heat Grid System:** In cold climates, where temperatures can reach freezing, a heat grid is installed in the bottom of the vault allowing snow and ice to be discharged from the vault via the internal sump pump. **Controls:** Multiple control points, key code, remote control, proximity reader, radar, etc. **Solar/Wind Power:** In remote locations, the unit can operate on solar power eliminating the need for power upgrades.



For more Information, see our web site: www.otwsafety.com

423 South 600 West Salt Lake City, UT 84101 ph: 801.363.7740 fax: 801.363.6372