



RSS-2000
DOS K-12 Certified Vehicle Barrier

Barrier Construction Details

Materials: Barricade shall be a shallow steel vault assembly hot dipped galvanized with anti-skid top surface. All barriers are operational and self contained from the factory ready for install.

Barrier Dimensions: 10' x 6' x 2' depth

Barrier Height: Removable Post Assembly height is 36".

Barrier Weight: RSS-2000 standard weight is 6,720 lbs.

Operating System: Electromechanical, worm gear actuator, self lubricating

Optional Operating System: Programmable multi speed system.

Power Requirements: Both motor options can operate on 120v, 220v, single or three phase, 12v, or 24v.

Performance Information

Electromechanical Cycle Time: 3 seconds deployed and 3 seconds retracted with continuous cycling ability.

Programmable System Cycling Time: 1.5 second emergency mode and programmable normal cycle, 3 seconds standard.

(Operational speeds are constant in temperatures ranging from -30 degrees to 200 degrees Fahrenheit without the use of heat on the operating systems.)

Maintenance

Required Maintenance: Grease pivot bearings, touch up surface paint, and remove any collected debris, i.e. sand, leaves, rocks, etc.

Warranty: 1 year Electrical and 3 years Mechanical parts only.

Safety Options

- Each unit equipped with red strobe lights visible when deployed.
- Safety loop in front and behind the units.
- Additional loops can be installed to create an automatic exit.
- Signs and flashing signal type lights.

Aesthetic Accessories

Barrier control panels are easily installed in guard building eliminating unsightly pump houses. As many as 9 barrier controls have been installed in an IT rack system 2'x2'x7'. Barriers can be painted to any desired color.

Barrier Options

Battery back up system: Allows units to operate over 100 cycles in the loss of main power.

Solar Panel: For use in remote locations, the unit can operate on solar power eliminating the need for costly power upgrades.

Heat grid: 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.

Controls: Multiple control points, key code, remote control, proximity reader, radar, etc.
(Adaptable to any existing control systems)

RSS-2000 K-12 Certified Vehicle Barrier Applications



Commercial Application



Automated Entry/Exit Lane



Cold Weather Operation



Multiple Barriers in Overwatch