

HD300 High Security All Electric Barrier



**P1 Rating
at ASTM M50
Test Level**



▲ *With only a 24 in (61 cm) foundation, the HD300 barrier stops a 15,000 lb (6800 kg) truck impacting at 50 mph (80 km/h) dead in its tracks with zero penetration and no foundation damage.*

▲ *Independent test lab certified to 1 million cycles!*

In its M50 crash test, the HD300 completely disabled the test vehicle, causing severe damage to the occupant compartment and power train. The maximum penetration recorded was an outstanding -1.8 m. A solid road plate design allows for multiple hits and will handle low speed bumps and corner strikes for day to day reliability. The design is ideal for heavy vehicle traffic as it is rated at 66,000 lbs per axle load.



All Electric or All Hydraulic Control

The HD300 provides many of the flexibilities that security professionals want in a vehicle access barrier. Besides being easy to install and providing a quick emergency fast operation, low maintenance and multiple hit capabilities, customers can select either Delta's new all electric control unit or Delta's lauded hydraulic control unit.

The HD300 barrier, with either the fully electric or hydraulic control unit, will stop a 15,000 lb (66.7 Km) vehicle traveling 50 mph (80 kpm). Upon impact, the barrier remains in its foundation and the opening stays blocked, providing a multiple hit capability.

With its 24 in (61 cm) shallow foundation and aesthetic design, the HD300 obviates the concerns of interference with buried pipes, power lines and fiber optic communication lines. The shallow foundation also reduces installation complexity, time, materials and corresponding costs. The HD300 is perfect for high water table locations and areas with corrosive soils. It provides low maintenance as all components are accessible from the sides or top of the barrier.

For increased security, the HD300 leverages Delta's proprietary counter-balanced technology to provide a 1.5 second emergency fast operation (EFO), responding to attacks very quickly. The electric actuator provides IP67 protection, meaning that the unit is totally protected against dust as well as the effect of immersion between 15 cm and 1 m.

The HD300 barricade provides foundation space in which maintenance personnel can easily work. There is space for heaters and sump pumps. Access is available from either the top plate or front.



ASTM M50/P1 crash rating with -1.8 penetration



Delta Scientific Corporation is the leading worldwide manufacturer of vehicle access control equipment with over 260,000 square feet of production facilities in Palmdale, CA. Delta's three product lines consist of high-security vehicle barricade systems, parking control equipment and guard booths.

Contact us today.

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