



TECHNICAL FEATURES AND SPECIFICATIONS OF HOM AUTOMATIC CRASH RESISTANT BARRIER

Applications:

HOM Automatic Crash Resistant Barrier prevent forced vehicle entries, vehicle ramming and vehicle based terrorist attack. These barriers ideally suited for Defense/Military Installations, Power Plants, Nuclear facilities, Embassies, Air Ports, Oil & Gas Refineries and others security sensitive sites.

The barrier shall be designed to withstand direct impact force along with heavy duty operation mechanism.

Boom

Boom Barrier shall be fabricated from 3mm thick MS square pipe of 70mm x 70mm. The length of the boom shall be custom fabricated to match the site requirement (upto 4mtrs). The boom shall be crossbar in design (Horizontal Ladder Shape) as per attached drawing.

Operating Mechanism:

Barriers with boom length upto 4mtr shall have electromechanical drive unit. The drive unit shall have all mechanical parts encapsulated in a weather resistant, water tight capsule filled with oil for silent and maintenance free operation.

Activating devices:

The barrier shall be activated by push button or remote control. It should have microprocessor based control panel capable of integrating with loop detectors, optical beam sensors, smart card readers and biometric readers. Moreover barrier should be capable of getting integrated with Axle road Block or spike road block and should work in unison with the same using single activating devices.

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Safety Devices:

The barrier can be integrated with optical beam sensors to act as anticrash device. That shall be active only when the boom is closing.

The barrier can be equipped with suitable warning light. Warning light shall be lit during barrier operation. Or Green signal when opening/open position, Red signal when closing/close position

Impact:

The Boom shall have two locking type stands on to which Boom shall rest. These Boom stand will be placed on either end of the Boom. These shall be capable of holding the Boom in place in case Boom is hit by a vehicle.

Body:

The body case work shall be fabricated from 14 gauge MS galvanized sheet. The dimension of the body shall be 1220 mm X 510mm X entire exterior shall be epoxy coated.

Top View

