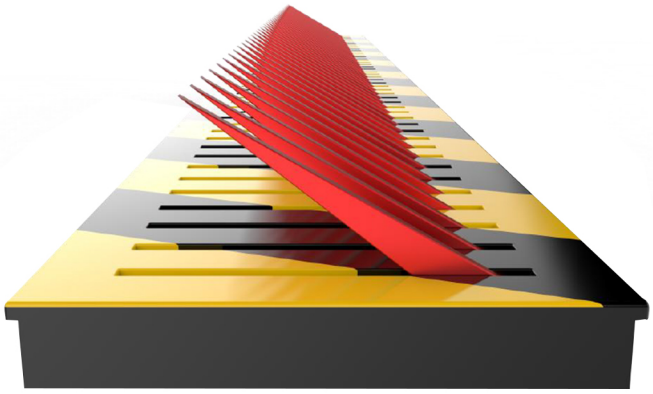
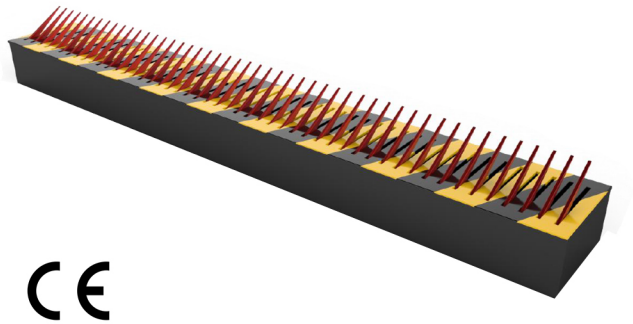
# SPIKE BARRIER

RMC-HSB





The placement of Spike Barrier popularly known as Tyre Killers requires careful consideration & Planning and deep understanding of the perceived threats. These are dictated by the location, type of facility secured etc.

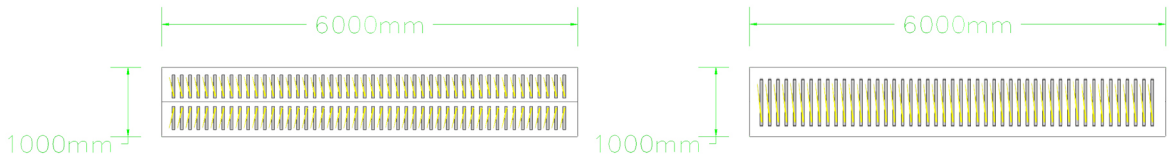
Therefore, it is today a common practice for conducting a detailed Risk-Analysis to study the vulnerability & analyse the threat. A threat analysis report is prepared for setting in place a security plan for any building. It is from this- that a decision to deploy a Spike Barrier is taken.

Spike Barriers are designed to protect high-target buildings from concerted vehicular attack. Unlike Road Blockers & Bollards a Spike Barrier should receive utmost attention in its deployment. It is important to not install these spike barriers near areas that have pedestrian movement. Staggered or unpredictable patterns of placement make them more effective.

In today's time and age it is becoming increasingly common to deploy Spike Barriers for facilities and buildings that demand security from the escalated vulnerability that they are exposed to and hence it is not uncommon to find them as part of even a city's security planning document, and are drafted as a compulsory fixture for many Government Buildings, Defense Installations, Data Centers etc.

They are also popular for discouraging wrong side access into or out of a facility. They are deployed as a deterrent in locations where wrong side driving could lead to accidents.

LINE DIAGRAM








Jan.19-Ver.2

# SPIKE BARRIER

RMC-HSB

| DESCRIPTION | PARTICULAR |
|---|---|
| Make | Ravel Movement Control |
| Model | RMC-HSB |
| Material of Construction | A3 Steel, Anti-Rust Paint |
| Type | Buried |
| Housing Material Thickness | 16mm standard |
| Housing Dimension | Blocking Length* X 500 W X 400 H mm (One way) |
| | Blocking Length* X1000 W X 400 H mm (Two way) |
| *Blocking Length (in Meters) | 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6 |
| Spike Height | 120 mm |
| Spike Thickness | 10 mm |
| Spike Raising Angle | Max 90 ° |
| Passage | One way / Two way |
| Control System | Electro-Hydraulic |
| Passing Pressure | ≤ 80 tons container trucks |
| Speed | ≤1-3 Sec (adjustable) |
| Buffer Time | 0.2s - 0.5s |
| Noise during operation | Less than 60 dB |
| Power | 220V ± 10% , frequency 50 ± 10Hz |
| Absorbed Current | 2 Amps |
| Power Consumptiion | 350W |
| Oil Container | 1.2 Litre |
| Control Solenoid Valve | 24V |
| Lifting Solenoid Valve | 24V |
| Remote Control Distance | Approx. 50-100m |
| Working Temperature | -35℃~75℃ |
| IP Rating | IP67, Double Sealed |
| Color of the Product | Red, Blue, Green, Yellow (can be customized) |
| Weight of the product | 6m:1200 Kg (one way), 1600KG (Two way) |





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