

## ANTI-TERROR HYDRAULIC SPIKE

MODEL – RR-ATHS-OG/BG-UD/BD

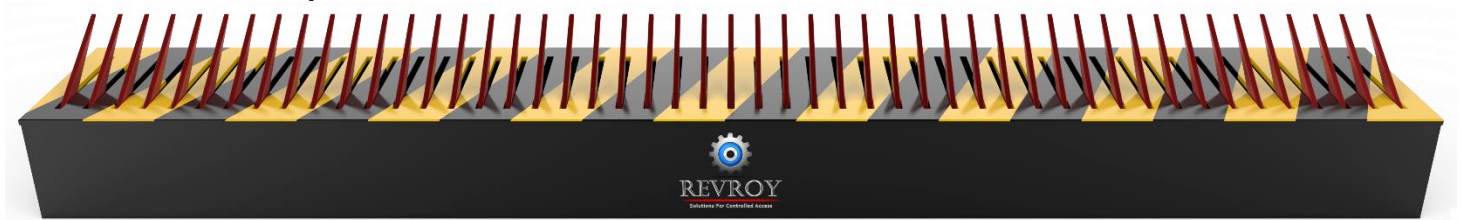
The placement of anti-terror Spike popularly known as Tyre shredder or killer requires careful consideration & Planning and deep understanding of the perceived threats. These are dictated by the location, type of facility secured etc.

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 is taken.

Spikes are designed to protect high-target buildings from concerted vehicular attacks. There are basically two types of Anti-Terror Spikes viz. Uni Directional & Bi-Directional deterrents. This technical sheet describes Uni Directional Deterrent Spike.

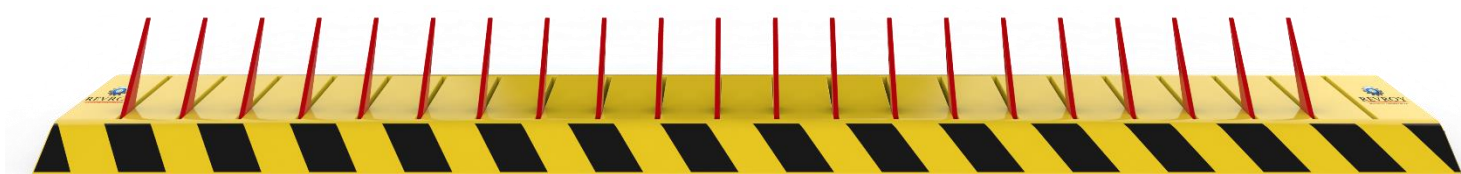
There are basically two versions of the Uni Directional Spike viz. Under the Ground Fixture & Over the Ground Fixtures.

### Under the Ground Spike



The Under the Ground version is deployed when the spike deployment is desired without any protrusion over a road surface and there is flexibility in preparing trench for the fixture.

### Over the Ground Spike



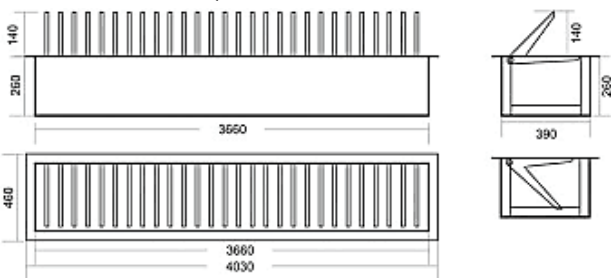
The Over the ground version is deployed when there are limitations in creating even a crevice especially over slopes, basements, on surfaces where utility/service power ducts run below.

Unlike Road Blockers & Bollards a Spike should receive utmost attention in its deployment. It is important to not install these Spikes near areas that have pedestrian movement.



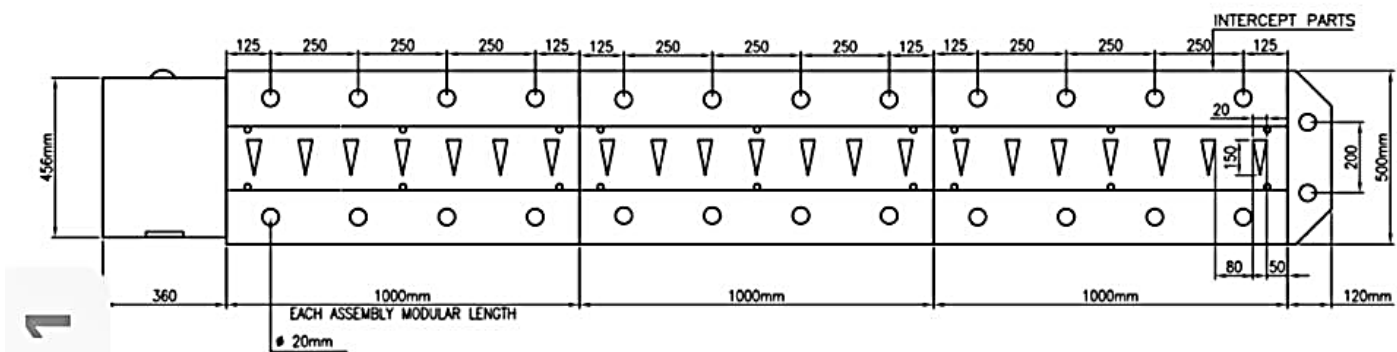
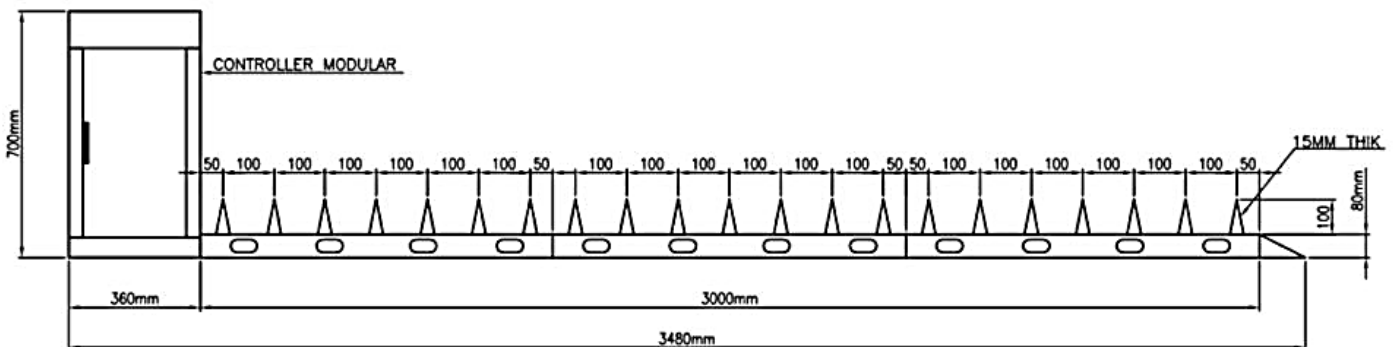
Staggered or unpredictable patterns of placement make them more effective.

In today's time and age, it is becoming increasingly common to deploy Spikes 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, Defence Installations, Data Centres 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.

The Tyre Shredders are manufactured also to suit specific requirements. We support our clients in delivering not just standard but also unique requirements by our ability to customise.



Customised Dimensional Drawing for Flush Mounted/Under the Ground Mounted SPIKE



## STANDARD NON-CUSTOMISED ANTI-TERROR SPIKE

DESCRIPTION	PARTICULAR
<b>Make</b>	<b>REVROY</b>
Model	RR-ATS-OG/BG-UD/BD
Material of Construction	A3 Steel, Anti-Rust Paint
Type	Surface Mount
Housing Material Thickness	12mm standard
Housing Dimension	Blocking Length <b>X</b> 520 W <b>X</b> 70 H mm Uni Directional Spike <b>(UDS)</b> Blocking Length <b>X</b> 1000 W <b>X</b> 70 H mm Bi-Directional Spike <b>(BDS)</b>
Blocking Length (in Meters)	▶ 2, ▶ 2.5, ▶ 3, ▶ 3.5, ▶ 4, ▶ 4.5, ▶ 5, ▶ 5.5, ▶ 6
Spike Height	120mm
Spike Thickness	10mm
Spike Raising Angle	Max 90
Passage	One way/ Two way
Control System	Electromechanical
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 Consumption	180W
Control Solenoid Valve	24V
Lifting Solenoid Valve	24V
Remote Control Distance	Approx. 50- 100m
Working Temperature	-35 °C- 75 °C
IP Rating	IP67, Double Sealed
Colour of the Product	Red, Blue, Green, Yellow (can be customized)
Weight of the product without packing	6m Length :700 Kg (UDS), 1 000KG (BDS)





# REVROY

Solutions For Controlled Access

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