

# *“MVB” - Modular Vehicle Barrier*

**Patent  
Pending**



## *A quick and light weight portable vehicle Barrier Unique design and capabilities!*

*Specially designed for Armed-Forces, Anti-Terror units, Police & more!*

The MVB is a physical, light-weight barrier and therefore fully portable. Its unique design enables transferring the horizontal momentum of a ramming vehicle upwards or downwards until fully stopping its movement.

### *The advantages of this barrier are:*

- Quick assembly for immediate threats.
- High impact capabilities.
- Flexible length for any size of vehicle route.
- Vehicle wheel protection is futile.
- Easy & efficient storage.
- Very low maintenance costs.



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# *“MVB” - Modular Vehicle Barrier*

## **Quick assembly:**

The barrier consists of elements which are light to carry. Any adult can assemble this physical barrier in minutes without using assembly tools, to create a block against immediate threats of ramming vehicles in unknown locations.

## **High impact:**

Its special and unique design has high impact capabilities that transfer the vehicle's horizontal momentum vertically to the extent of fully stopping the vehicle within a relatively short range.

## **Flexible length:**

Independent separate units can be composed into any length desired, blocking any size of vehicle route.

## **Wheel protection:**

The unique process (patented) of momentum transfer is efficient for vehicles regardless of their wheel protection. This allows efficient barrier solution even against protected vehicles.

## **Easy storage:**

Foldable units that can be easily stored, saving space and enabling easy access for future use.

## **Low maintenance costs:**

Once folded and stored, no special maintenance is required allowing an economic long-term solution.

## **Features:**

- Ability to bring a light standard vehicle at a medium speed to a complete stop with minimal penetration.
- The barrier can be compactly packed and transported by any private vehicle, station wagon, small pick-up truck or jeep.
- All parts are identical and can be renewed, added or switched between several locations.
- Basic yellow color that can be altered according to client's requested.
- Can be upgraded to reduce vehicle penetration distance by acquiring ground-anchors for the units using pyrotechnics, cable or any other physical anchoring.

## **Technical specifications:**

- Dimensions (single unit) - length - 100 cm (40”), width - 8 cm (3”), height - 70 cm (27”).
- Weight (single unit) - 20Kg (44lb).
- Provides a solution against farm tractors due to the geometric locking mechanism.
- Safety lighting and signs.
- Assembly/Disassembly instructions manual.

## **Add-ons:**

- Anchoring devices.
- Specially suited carry-on bags.



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