

STUER-EGGHE

THE BOSS USER MANUAL



V 0.01 - 04/24





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1. Purpose

A VSB (Vehicle Security Barrier) or HVM (Hostile Vehicle Mitigation) barrier secures areas vulnerable to vehicle-based attacks.

The BOSS HVM barrier has an ultralightweight, compact and modular design which enables it to secure most types of vulnerable areas in minutes.

2. Applications

- (Event) areas
- (Road)work zones
- Police
- Customs
- Border control
- ...

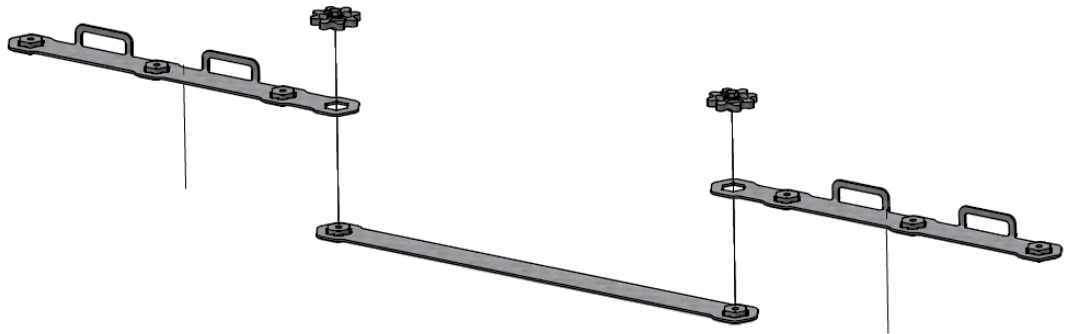
3. Specifications

Length	1165mm
Width	3010mm
Height	102mm
Weight (set)	68kg
Weight (single strip)	8,2kg
Weight (unit of three strips)	30,5kg

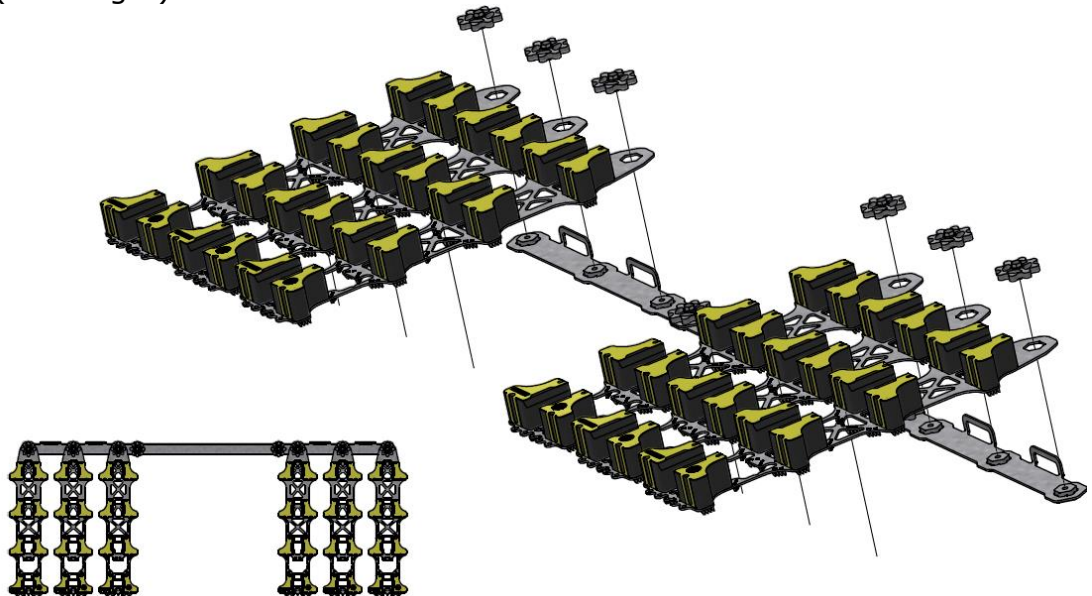


4. Installation

- Place the connecting rods on the ground, perpendicular to the direction of travel, starting with the middle one. Make sure the handles are opposed to the direction of travel.
- Connect the rods with the connecting wheels, screw them in hand tight.

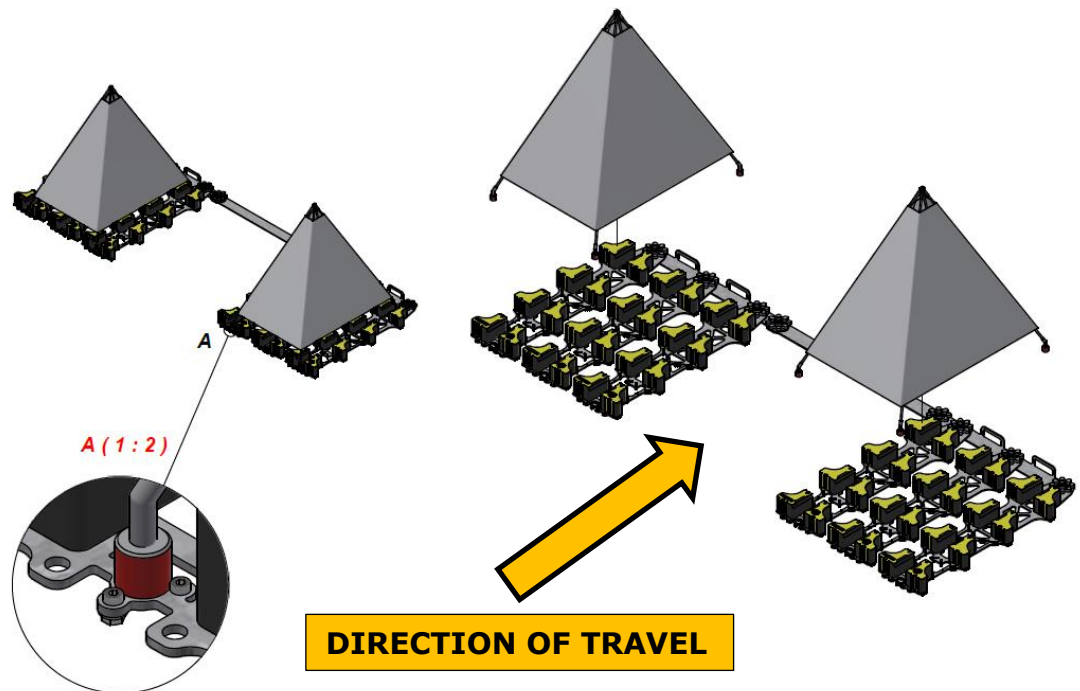


- Lay the strips over the hexagons of the connecting rods.
- Connect the strips to the connecting rods with the connecting wheels (hand tight).





- Place the advertisement objects on the strips for visibility. The magnetic feet should be placed in the centre of the 3 bolts in the front and back of the strips as shown below.

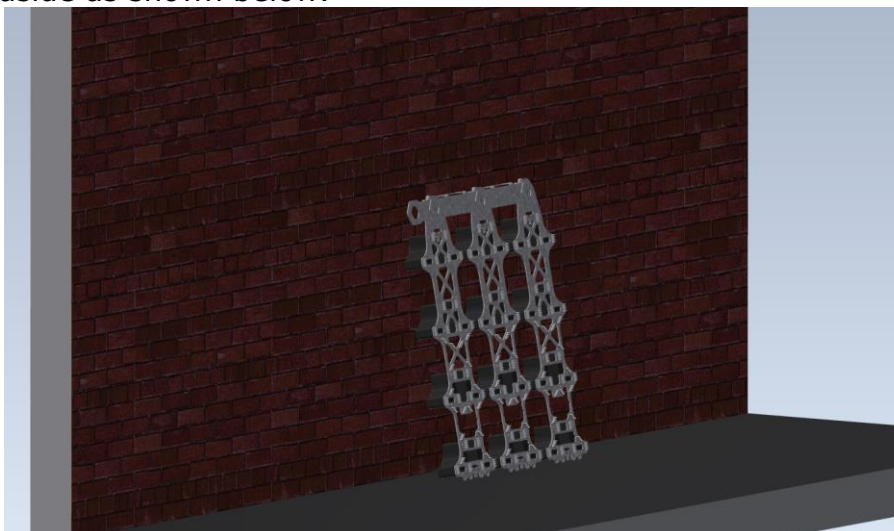


5. Quick partial disassembly

Used for quickly making way for priority vehicles.

- Unscrew (one of) the central connecting wheels which connect the connecting rods.
- Take off the advertising object(s) off and put them aside.
- Lift the connecting rod with three strips (and tent) and drag or carry it to the side (of the road). Use the handles for this.
- If the priority vehicle still cannot pass, drag or carry the other part(s) of the VSB to the side (of the road).

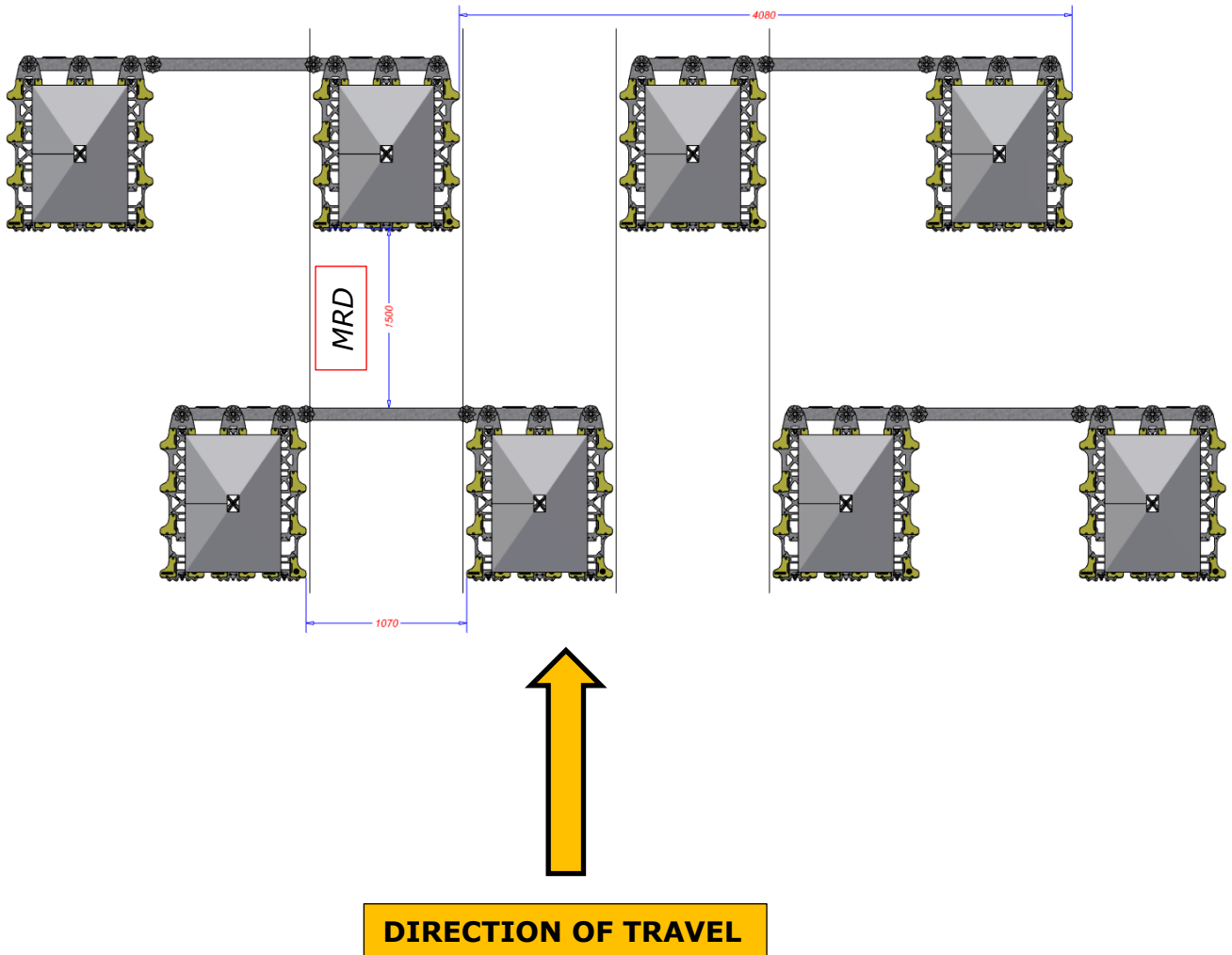
Note: The front of the VSB strips have small extensions which can be used as feet to set the VSB aside as shown below.





6. Combining multiple VSB's

When multiple VSB's are used to extend the range, they should overlap 2m so that the strips of the 2nd row of VSB's lay straight behind the passage(s) of the 1st row of VSB's as shown in the grid below. In the direction of travel (*DOT*), the maximum recommended distance between the VSB's (*MRD*) is 1500mm. Perpendicular to the *DOT*, the VSB's should be shifted 4080mm to maintain equal passages.





Industriepark Noord 17a + 23
BE-9100 SINT-NIKLAAS
BELGIUM
Tel.: 0032 (0)3 766 04 04

www.stuer-egghe.be
info@stuer-egghe.be

RPR Dendermonde 0452.831.236