

## Training Heavy Explosive Minefield Breaching System T-HPEMBS



### Application:

The optimal and skilled usage of the HPEMBS requires training of personnel using the systems in operational areas. By means of the associated training system, the T-HPEMBS, this training can take place in two stages. The first part of the training is an approach of the systems during the indoor formation by using the supplied T-HPEMBS which are inert and therefore safe to handle for instructions in classrooms. The second part of the training is the live-firing exercise which can be done up to 10 times by applying each time a new pyrotechnic kit to the inert T-HPEMBS. This drill enables the personnel to get used to the steps of the firing preparation and because the T-HPEMBS equipped with the pyrotechnic kit to not contain explosives, it offers to the user a safe means to train safely at reduced costs.

### Description:

The T-HPEMBS is supplied fully inert and replicates in form and function, the operational minefield breaching system, the HPEMBS.

However, to enable repeated firings for live-firing exercises some of the components, such as the dummy charges and the line, are specific to the T-HPEMBS.

The pyrotechnic consumables consist of one kit including the live rocket which, for cost and safety reasons, is smaller than the one in the HPEMBS, the rocket igniter, the blast simulator of the detonator and the firing instructions. The inert consumables consist of one kit of packaging inserts and the repack instructions.

### Training Operation:

1. Use the T-HPEMBS supplied inert for classroom formation.
2. Remove the dummies parts: rocket, rocket igniter and detonator.
3. Apply a pyrotechnic kit.
4. Follow the firing instructions for live-firing exercise.
5. Repack the T-HPEMBS by applying two kits of inert consumables.
6. If another firing is required, repeat steps 3 to 5.
7. If the live-firing drills are finished, apply the dummies parts for another classroom formation.

### Specifications:

- Weight:** 44kg due to additional ballast - same weight as HPEMBS.
- Dimensions:** 490x400x210mm per backpack - same dimension as HPEMBS.
- Inert explosive line charge:** 54 m equipped with 108 dummy charges - same length as HPEMBS. The T-HPEMBS is blue colour-coded for clear identification as training system. Other colours on request.
- Number of training firing:** The live-firing with one system can be conduct 10 times.
- Blast simulator:** The blast simulator produces a bang of 130±10 dBC<sub>peak</sub> measured in a distance of 0.5m.

### References:

The product is fully qualified and in service with the armies of 9 nations.

### Product Codes:

- 9309100 (T-HPEMBS)  
9308200 (Consumables Pyrotechnic)  
9308300 (Consumables Inert)

### NATO Stock Numbers:

- TBA  
TBA  
TBA

### UN Number:

UN 0186

### Proper Shipping Name:

Rocket Motors

Qty. per box	Hazard Class	NEQ (kg)	GR Wgt (kg) approx.	Vol m <sup>3</sup> approx.
1 T-HPEMBS	-	-	61.0kg	0.149m <sup>3</sup>
10 Kits of Cons-Pyro.	1.3 C	1.79kg	25.0kg	0.058m <sup>3</sup>
5 Kits of Cons-Inert	-	-	4.0kg	0.206m <sup>3</sup>