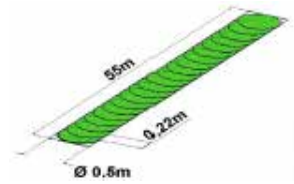


Heavy Portable Explosive Minefield Breaching System H-PEMBS



Application:

Unconventionally deployed mines, booby traps, unexploded ordnance and man-made obstacles, such as triple barbed wire, are meant to stall military operations and represent a considerable danger in humanitarian missions. The H-PEMBS is tailored around those threats and provides effective means to safely eliminate them by quickly creating access into such areas.

Description:

The H-PEMBS is a detonating cord with package of explosives contained in two rucksacks which is deployed across the chosen area by mean of a rocket. It enables to create safe passages through minefields or man-made obstacles. The two-men portability and its simple operation make the H-PEMBS an appropriate tactical solution to major battlefield threats.

Operation:

1. Place the H-PEMBS 12m in front of minefield,
2. Open the top cover of the rucksacks,
3. Connect the two lines together,
4. Deploy the launching rail,
5. Fix the end of the line to a strong point,
6. Insert the detonator and the rocket igniter,
7. Ignite the rocket and take cover.

Specifications:

- Portable: By 2 soldiers (two backpacks)
 Set up time: In ≤ 1 minute for trained soldiers
 Weight: 23 kg (each backpack)
 Dimensions: 490x400x210mm (each backpack)
 Explosive line charge: 248 blast grenades, each loaded with 100g of plastic explosive and mounted at a distance of 0.22m.
 Delay time of rocket igniter: 28 s (the line charge is rocket propelled).
 Delay time of blast igniter: 6 s (initiated automatically during flight or as an option manually)
 Length of cleared path: up to 54m (continuous path)
 Width of cleared path: Approx. 0.5m
 The back packs are deliverable in various camouflage patterns.

References:

In service with the armies of 10 nations

Product Code:

9309000

NATO Stock Numbers:

1375-12-350-0006

UN Number:

UN 0464

Qty. per box	Hazard Class	NEQ (kg)	GR Wgt (kg) approx.	Vol m ³ approx.
1	1.1 E	26.42kg	63.0kg	0.149m ³