

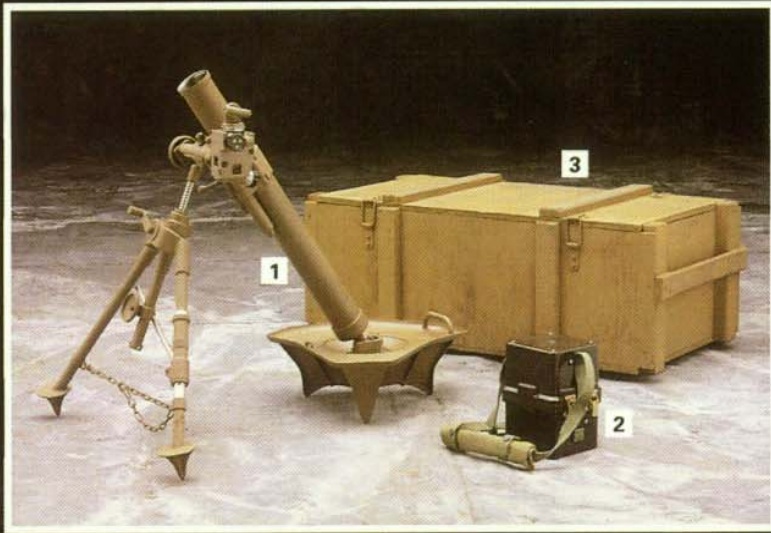
D E N E L

60 mm M1

Mortar **SYSTEM**



Basic WEAPON AND ACCESSORIES



1. 60mm M1 mortar
2. H-019 sight
3. Chest, mortar
4. Firing pin (spare)
5. Screwdriver



The H-019 sight is of unique design and suitable for both day and night use. Built-in illumination of play in the mechanism ensures that accuracy is not affected by wear. The unique design and precision machining of the sight/weapon interface, ensures that sights can be interchanged between weapons without realigning the system, maintaining the accuracy.



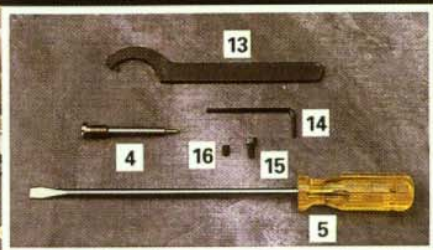
M4Mk1 Conversion Kit

Available on request is a M4Mk1 or M4L3 conversion kit to convert the M1 into a patrol mortar. This conversion kit consists of the respective base plate and sighting system.

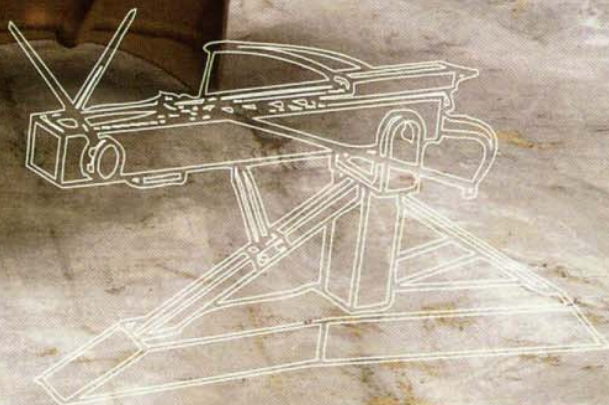


M4L3 Conversion Kit

Optional EXTRAS



1. Carrying harness, 4 bomb
2. Bag, aiming post light
3. Light, aiming post
4. Post, aiming, in case (set of 3)
5. Brush cleaning (bristle)
6. Brush cleaning (wire)
7. Extension for cleaning equipment
8. Brush cleaning
9. Grease gun
10. Bag, canvas for accessories
11. Carrying harness, 2 bomb
12. Carrying harness, base plate
13. Fuse key V9
14. Allen key 3 mm
15. Screw, allen cap M6 x 7
16. Screw M4 x 10
17. Carrying strap



Mounted crossbow - a model of an ancient Greek mounted crossbow, bent by means of a windless and ratchet.

Technical SPECIFICATIONS

Mortar

Calibre	60 mm
Range	100 - 2 100 m
Elevation	Up to 85°
Top traverse	516 mils
Mass of base plate (as carried)	6,7 kg
Mass of barrel (as carried)	4 kg
Mass of bipod (as carried)	5,6 kg
Length of barrel	650 mm

H-019 Sight

Accuracy	Within 3 mils
Mass (in use)	1,5 kg
Illumination (night use)	Various Beta lights
Levelling bubbles	2 in each plane
Traversing arc	0 - 6 400 mils
Elevation arc	400 to 1 600 mils
Micrometer scales	1 mil increments
Additional slip scales	

60 mm MORTAR BOMBS

Available in the well-known and proven M61 design, these bombs are compatible with all 60 mm mortar weapons. Range tables can be provided to match the applicable weapon. Adjustment of the loose augmenting charges fitted to the tail facilitates range adjustment and accurate deployment. Fuse options are available to meet specific needs, all with double loading and 40 meter muzzle safety built in.

General TECHNICAL DATA

Feature	High Explosive (HE)	Smoke Bursting	Practice
Projectile	Forged steel or cast body filled with RDX/TNT 40/60 and exploder pellet RDX/WAX 93/7	Forged steel or cast body filled with titanium tetrachloride TiCl ₄ and exploder pellets RDX/WAX 93/7	Forged steel or cast body filled with HE substitute with a TNT/Aluminium flash pellet
Fuse	V9 direct acting with instantaneous and delay settings		
Primary Car	New generation M9910A1 aluminium encased, screw-in type primary cartridge, completely water resistant.		
Propellant	Four (4) equal charges, filled with EI (Extruded Impregnated) propellant, facilitating ease of operation and increased shelf life due to a lower NG content.		
Tail fin	Extruded 8 fin aluminium tail fin accommodating the primary cartridge and augmenting charges		
Mass	1,8 kg		
Rate of fire	15 to 20 rounds per minute		
Velocity	60 m/s - 182 m/s		
Accuracy	100% zone at 2 233 m is 217 X 92 m		
Range	100 m to 2 233 m		
Colour	Deep bronze green	Eau de Nil	Deep Saxe blue
Packaging	According to individual customer specifications/requirements		