

# **THE BREN LIGHT MACHINE GUN**

**DESCRIPTION  
USE AND  
MECHANISM**

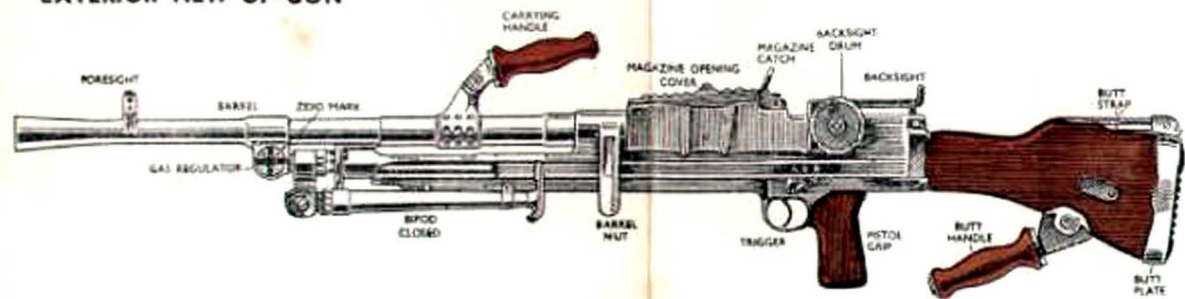
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*Price 1/- net (per post 1/1)*

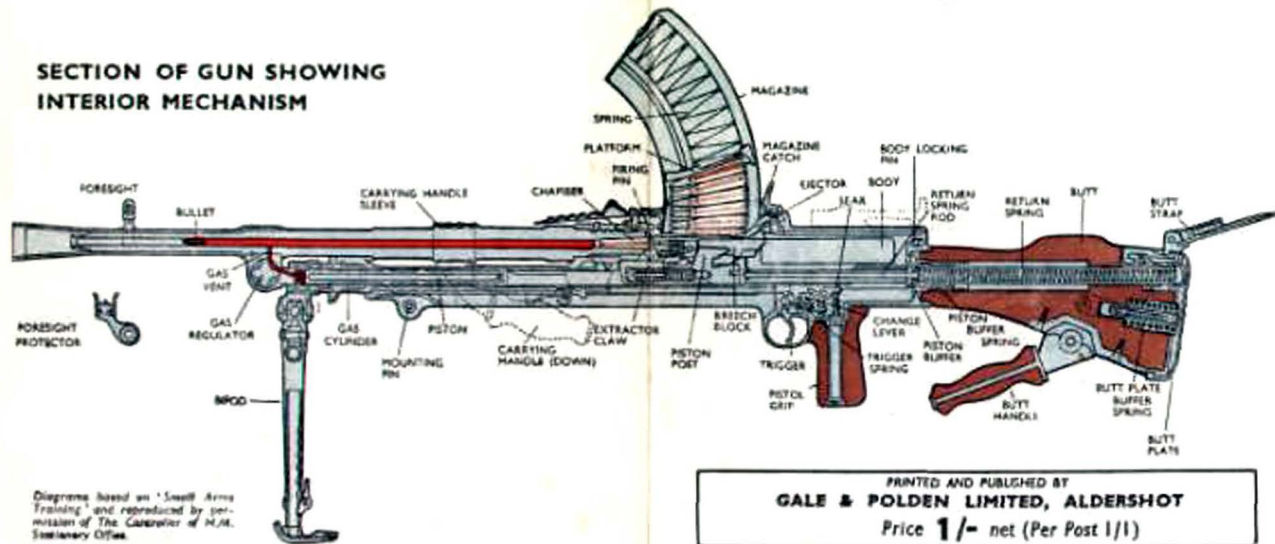
# THE BREN LIGHT MACHINE GUN

DESCRIPTION, USE AND MECHANISM

## EXTERIOR VIEW OF GUN



## SECTION OF GUN SHOWING INTERIOR MECHANISM



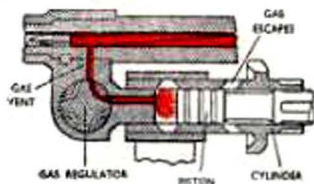
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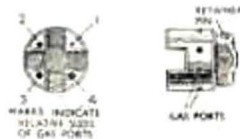
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## 1 THE GUN IS GAS OPERATED

Some of the gas, formed by the explosion of the cartridge, passes through the GAS REGULATOR and operates the piston

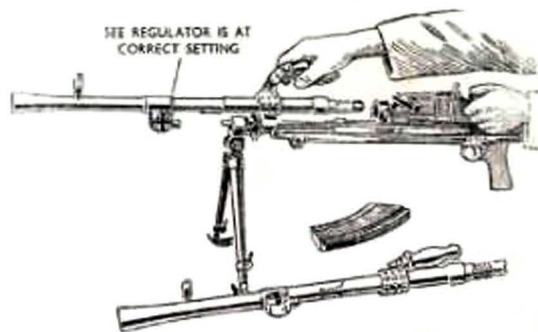


### GAS REGULATOR



## 2 IT IS AIR COOLED

After firing ten magazines at the RAPID rate the barrel should be changed. This operation takes a trained man 6 to 8 seconds.



## 3 IT IS FED BY A MAGAZINE holding 30 Rounds

AMMUNITION is removed from chargers

HOLD THE MAGAZINE  
AND CHARGER IN ONE HAND



GRIP ROUNDS AND  
REMOVE FROM CHARGER

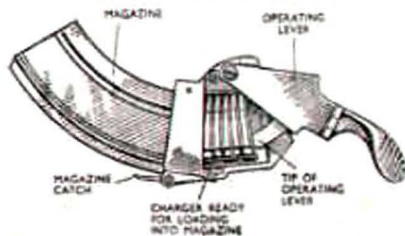
The MAGAZINE can be filled by hand in 40 seconds

EACH ROUND PRESSED  
DOWN WITH THUMB



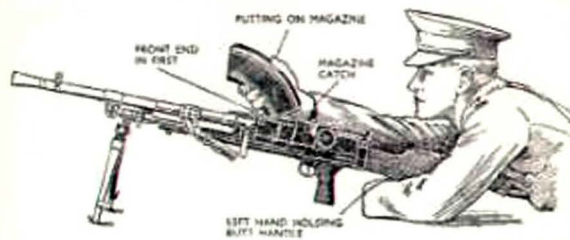
MAGAZINE RESTED  
ON THIGH

or by the FILLER in 20 seconds

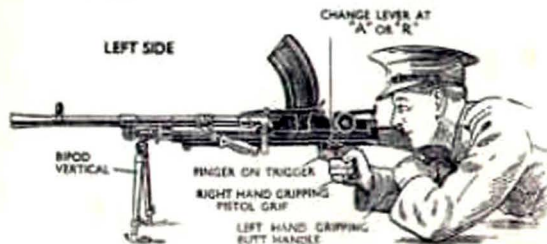


## 4 LOADING is a SIMPLE OPERATION

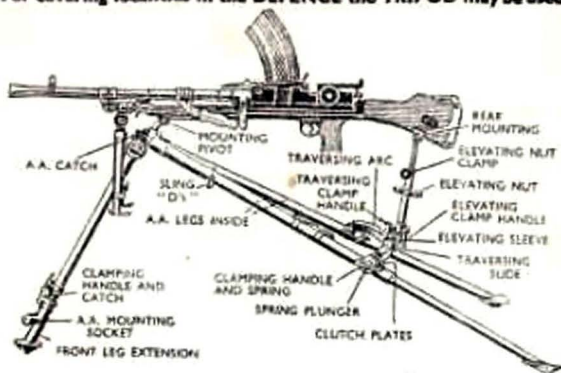
The front end of the magazine is inserted first and then pressed downwards till the catch engages



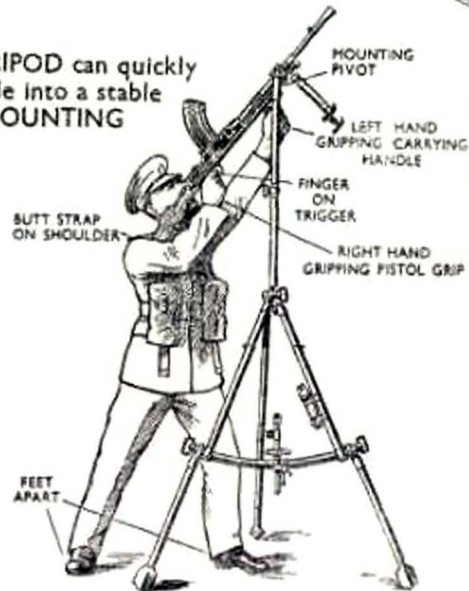
## 5 THE GUN is shoulder controlled and normally fired from the BIPOD



For covering localities in the DEFENCE the TRIPOD may be used



The TRIPOD can quickly be made into a stable A.A. MOUNTING





**7** It is practically immune from **STOP-PAGES** provided the firer attends to the points in "**PREPARE FOR ACTION**" which are—

**EXAMINE** Foresight, GAS REGULATOR, Bipod, Barrel Nut Catch and Backsight.

**TEST** mechanism to ensure free working.

**EXAMINE EACH MAGAZINE** to see that the top cartridge is correctly positioned.

**IMPORTANT**—Ensure that cartridges are not rim behind rim.

**CORRECT**



**INCORRECT**



**REMEMBER! IT IS LIGHT, MOBILE AN**

**8** **THERE IS ONLY ONE  
"IMMEDIATE ACTION"**

If the gun fails to fire or stops firing—

**PULL BACK COCKING HANDLE  
MAGAZINE OFF  
PRESS TRIGGER  
MAGAZINE ON\*  
COCK GUN, AIM AND FIRE**

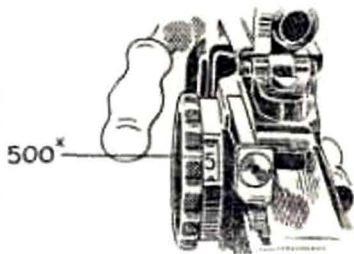
\* The magazine which has been removed is examined to see if empty ; if not, that the top rounds are correctly positioned. If the rounds in the magazine are correct and it is reasonably full, the same magazine will be used.

If, after applying I.A., the gun fires one or two rounds and stops again—

Pull back cocking handle and remove magazine, press trigger, cock gun, disconnect the barrel, and adjust the gas regulator to the next largest hole—replace the barrel—place magazine on, aim and fire.

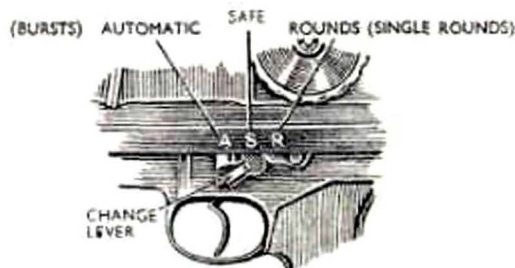
**||**

**ELEVATION**  
is obtained by  
turning the  
**RANGE DRUM**



## 9 It is capable of firing "BURSTS" or "SINGLE ROUNDS"

by moving the change lever to "A" or "R"



"S" IS SAFE

The NORMAL rate of **AUTOMATIC** is 5 bursts of 4 or 5 rounds, or one **MAGAZINE** per minute.

**SINGLE ROUNDS** are used to economise ammunition and conceal the presence of an **AUTOMATIC** weapon.

**RAPID FIRE** (Four **MAGAZINES** per minute) is only for **EMERGENCIES**.

## 10 THE MECHANISM IS SIMPLE

**1. Backward Action.** Some of the gases following the bullet pass through the gas vent and gas regulator into the gas cylinder. This forces the piston to the rear and compresses the return spring until the piston is stopped by the piston buffer. The empty case, being gripped by the extractor, is carried to the rear on the face of the breech block until its base meets the ejector. The case is then ejected downwards through the ejection slot in the piston.

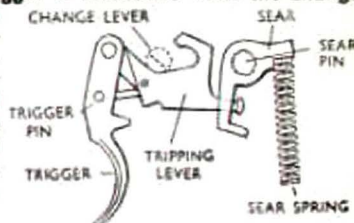
**2. Forward Action.** The piston, carrying the breech block, having been stopped by the piston buffer is forced forward by the return spring. The feed piece meets the base of the first round in the magazine and forces it forward into the chamber, the extractor closing over the rim. The piston post in its final move forward drives the firing pin against the cap of the cartridge, thus firing the round.

**3. Trigger Action.** With the change lever at "Automatic" pressure on the trigger disengages the sear from the bent on the piston, and the piston is allowed to go forward. As long as the trigger is pressed the gun will continue to fire, but if the trigger is released the bent will engage with the sear the next time the piston comes to the rear, stopping its forward movement.

With the change lever at "Rounds" the trigger must be pressed each time a shot is to be fired, because the piston is held back after each round.

With the change lever at "Safe" the trigger is disengaged from the sear, and the gun cannot be fired.

If pressure on the trigger is maintained while the change lever is altered from "Safe" to "Automatic" and then released and trigger pressed again, gun will not fire. The change lever, therefore, will not be altered while the trigger is pressed.



11 PRIMARILY A "ONE MAN WEAPON"