

# Details of the New

# **BSA**

# "RALOCK"

## .22 Self-loading Rifle

Designed to meet the popular demand for a .22 Sporting Rifle with semi-automatic action the B.S.A. "Ralock" has a number of outstanding features that will be readily appreciated. As shown overleaf, the action is of entirely new conception, the breech block having a swinging or radial movement as opposed to the usual reciprocating type. Loading is effected through the side of the butt, the cartridges being fed into the action by a spring-loaded magazine which is withdrawn beyond the opening for this purpose. After the rounds have been inserted and the magazine closed, the gun is cocked by operating the cocking lever. Each round may now be fired by repeated pressure on the trigger only. Empty cases are released by operating the cocking lever, which allows them to fall freely from the rifle and eliminates the usual violent side or bottom ejection of hot and dirty cases.

### **General Specification**

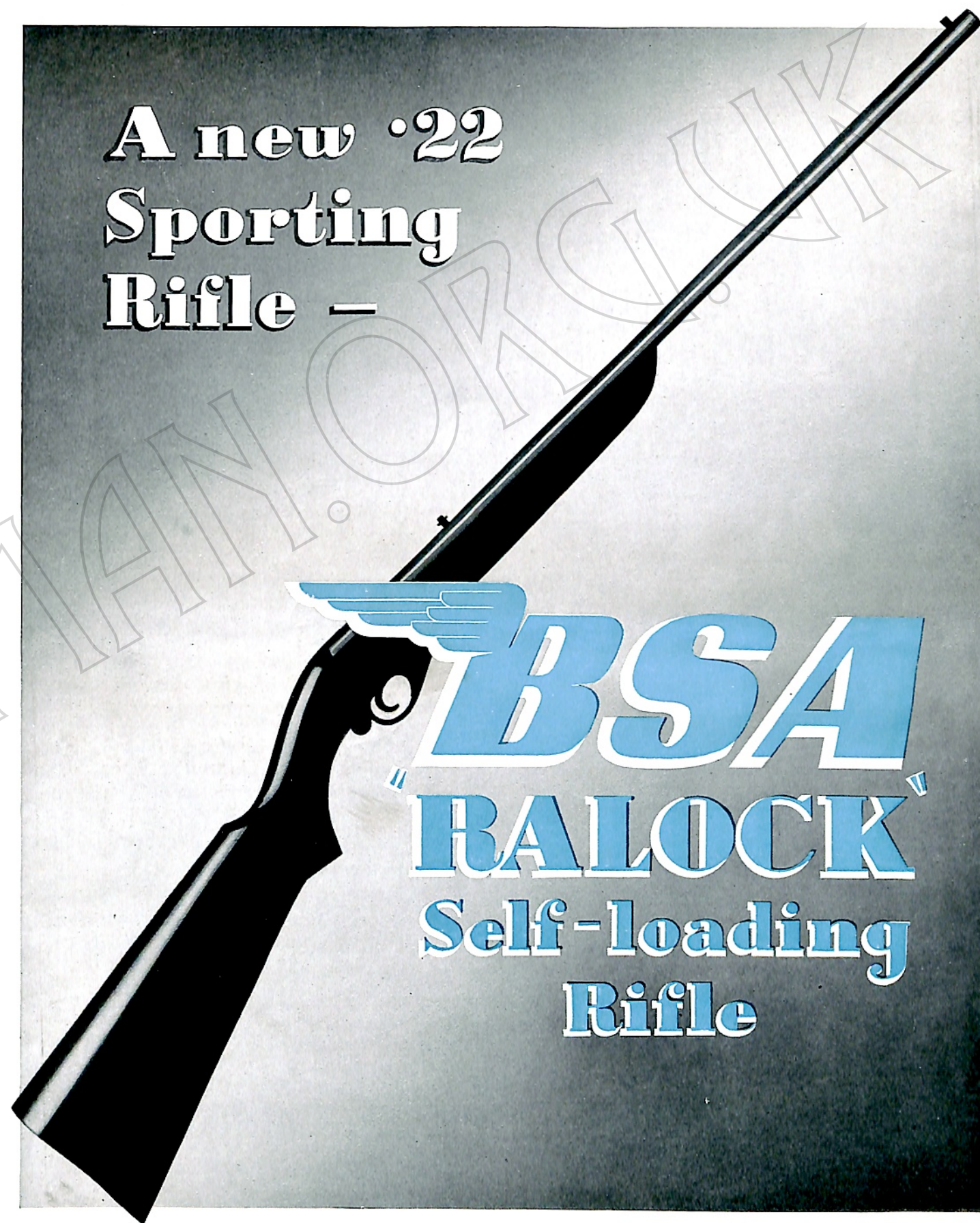
The barrel is 22 inches long, bored and rifled with customary B.S.A. precision. It can be supplied chambered for .22 short only or .22 long rifle ammunition only. The stock has a pistol grip and the fore-end is of semi-beavertail design. The rearsight is adjustable and with bead foresight gives a sight base of 18 inches. Overall length of the weapon is 38 $\frac{3}{4}$  inches and the weight approximately 6 lbs. The magazine has a capacity of 12 short or 8 long rifle cartridges.

### **B.S.A. GUNS LTD., Birmingham 11**

*Directors: Sir Bernard Docker, K.B.E., J.P.; Sir Patrick Hannon, M.P.; J. Leek, C.B.E.; J. A. T. Dickinson.*

*B.S.A. Guns Ltd. reserve the right to alter the design or any constructional details of their manufactures at any time without giving notice.*

## A new .22 Sporting Rifle -



# **BSA**

# **"RALOCK"**

## **Self-loading Rifle**



# The New **BSA** .22 **RALOCK**



## A Sporting Rifle with an entirely new Self-loading Action

The B.S.A. "Ralock" is a .22 semi-automatic or self-loading Sporting Rifle incorporating a number of new and unique features, the most important of which is a radial action in place of the more usual reciprocating bolt. This principle reduces wear through friction to a minimum and ensures a smooth and fast-working action. Another new feature of major interest is the entire absence of an external ejection opening. Unlike any other rifle where individual cases are separately ejected, all spent cases are retained within the weapon whilst firing, but can be released at will by re-cocking the action.

The numbered illustrations show many of the features in detail—

- 1** The new self-loading action in the cocked position. Simple and robust construction have been the keynote of design.
- 2** The action in the closed or fired position. The radial movement of the block reduces wear from friction to a minimum.
- 3** The action, of unit construction, is entirely enclosed and protected from dirt, but instantly removable for examination and cleaning.
- 4** The rifle is loaded through an opening in the butt. Special tubes are available for rapid re-loading.
- 5** The combination of under-lever cocking and entire absence of ejection opening, together with retention of cases within the rifle, constitutes a marked advance in sporting rifle design.
- 6** Rapidly detachable barrel enables the Sportsman to make certain that the chamber is empty when unloading, and facilitates cleaning when necessary.



### A Safety Catch with a meaning

When the safety catch is applied, the letters of the word SAFE are correctly aligned as shown on the left. When the safety catch is released, the word SAFE is divided, exposing a red warning disc as shown on the right.

