

SP 20



RARCO Engineering
www.rarco.com.au





SPORTING RIFLES

An Australian Company

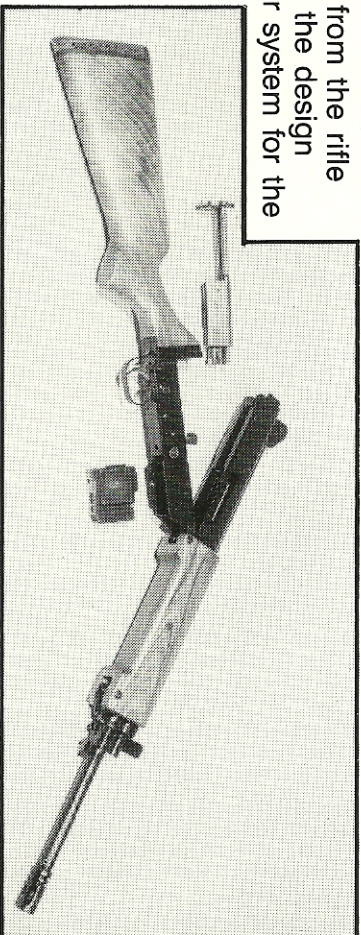
General Description

The rifle is a gas operated, locked breech, magazine fed, self loading rifle. The firing system is based on a fixed piston short stroke mobile cylinder design, permitting discharge of unburnt powder particles.

Compact, simple and reliable, the mechanism is composed of relatively few extremely rugged components, held to a minimum in size and weight by the efficient use of chromoly steel ensuring reliability under adverse conditions.

The straight-line construction in conjunction with the unique bolting system provides a minimum firing torque, resulting in a minimum recoil. The system further incorporates a very effective mechanical delay sequence, ensuring positive primary extraction without hindrance from bore residual pressure.

Stripping the action from the rifle is particularly easy, as the design incorporates a modular system for the breech mechanism. All breech mechanism components remain in one compact unit when the mechanism is removed from the rifle, allowing rapid rinse cleaning.



Sound engineering principles of design and construction are used throughout the rifle with light weight and great strength being achieved by innovative engineering.

TECHNICAL DATA

MODELS	SP	SP-20
Calibre	5.56mm (.223")	5.56mm (.223")
Total Length	960mm (37.87")	1045mm (41.25")
Barrel Length	415mm (16.25")	508mm (20")
Rifling Grooves	6	6
Rifling Twist R.H.		
Standard	1 Turn in 229mm (9")	1 Turn in 229mm (9")
Feed Magazine	5/20 Rounds	5/20 Rounds
Muzzle Velocity	975m/sec	975m/sec
Firing Method	(3200f/sec) Self loading semi automatic	(3200f/sec) Self loading semi automatic
Sight Radius	420mm (16.5")	420mm (16.5")
Sight Type	Front: Protected post. Rear: Revolving aperture, windage adjustable	Front: Protected post. Rear: Revolving aperture, windage adjustable
Weight	3.4Kg (7.5lb)	3.4Kg (7.5lb)
Flash Suppressor	Standard	Gas piston operated
System of Operation	Gas piston operated	Standard
Sight Base	Standard	Standard

BARREL: Hammer-forged, chrome chamber, chrome bore.

AMMUNITION: The rifles illustrated will accommodate both the new NATO Standard round and all 5.56mm (0.223 cal) ammunition, currently in use throughout the world.

MAGAZINES: The rifles are designed to accept both 5.56mm NATO, Standard magazine and M16 Type magazine.

SIGHTS: The rifles incorporate a purpose designed Sight Base which will accept ¾ mounts for all available sighting systems.

The manufacturers reserve the right to change specifications without notice.

Australian Automatic Arms Pty. Ltd.

P.O. Box 10, Kempston,
Tasmania 7030, Australia.
Telephone: (002) 59 1172
ISD: 61 02 59 1172
Fax: (002) 59 1250