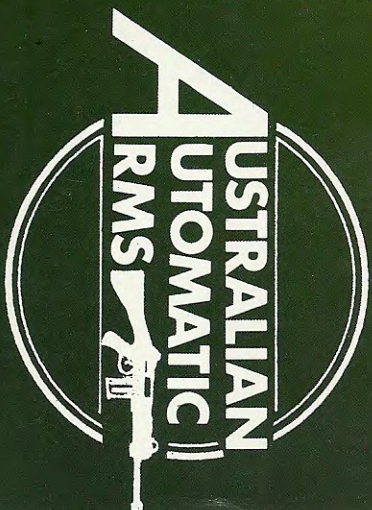
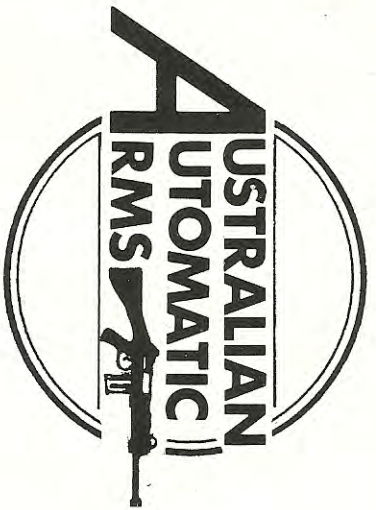




RARCO Engineering
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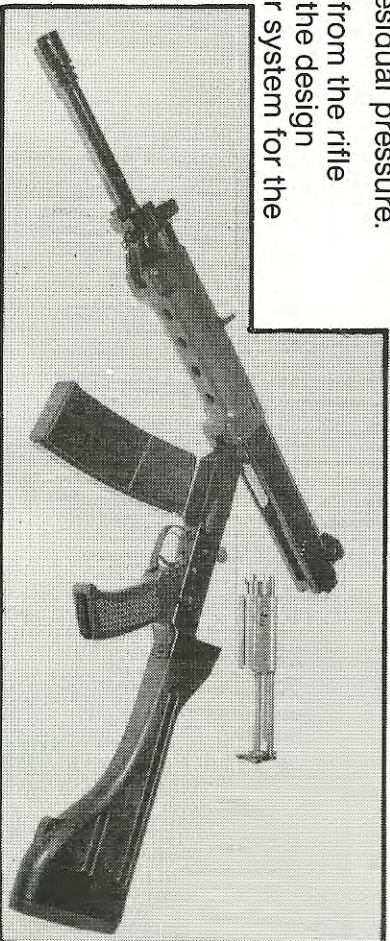
General Description

The rifle is a gas operated, locked breech, magazine fed, selective fire 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.

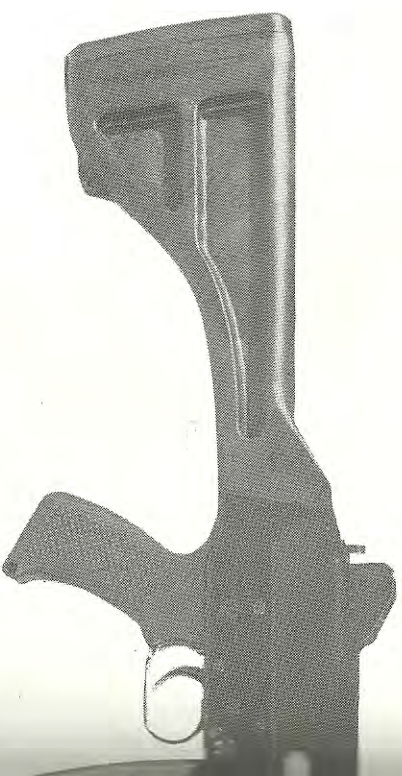
The straight-line construction in conjunction with the unique bolting system provides minimum firing torque, resulting in minimum recoil. The system further incorporates a very effective mechanical delay sequence, ensuring positive primary extraction without hindrance from bore residual pressure.

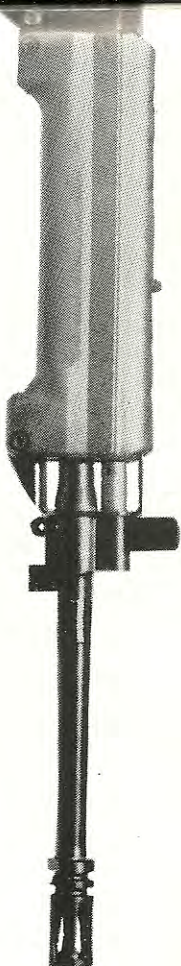
Stripping the action from the rifle is particularly easy, as the design incorporates a modular system for the breech mechanism. All breech mechanism components remain in one compact unit when the mechanism is removed from the rifle, allowing rapid rinse cleaning.



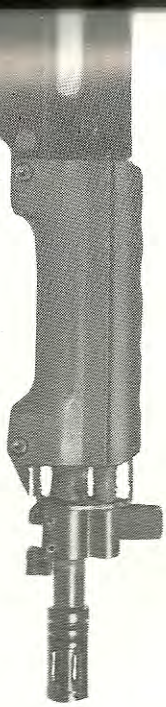
Sound engineering principles of design and construction are used throughout the rifle with light weight and great strength being achieved by innovative

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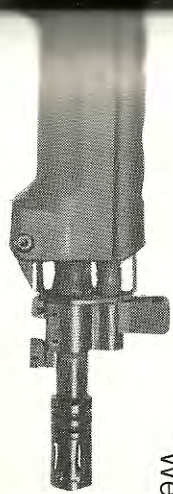




**SEMI AUTOMATIC RIFLE (SAR)
AUTOMATIC RIFLE (AR)**



**SEMI AUTOMATIC CARBINE (SAC)
AUTOMATIC CARBINE (AC)**



**SEMI AUTOMATIC PISTOL (SAP)
MACHINE PISTOL (MP)**

SPORTING RIFLES

&

MILITARY WEAPONS

TECHNICAL DATA

MODELS	SAR	AR	AC (SAC)	MP (SAP)
Calibre	5.56mm (.223")	5.56mm (.223")	5.56mm (.223")	5.56mm (.223")
Total Length	910mm (35.875")	910mm (35.875")	755mm (29.72")	520mm (20.5")
Barrel Length	415mm (16.25")	415mm (16.25")	267mm (10.5")	267mm (10.5")
Rifling Grooves	6	6	6	6
Rifling Twist R.H.	1 Turn in 305mm (12")	1 Turn in 305mm (12")	1 Turn in 305mm (12")	1 Turn in 305mm (12")
Feed Magazine	1 Turn in 178mm (7")	1 Turn in 178mm (7")	1 Turn in 178mm (7")	1 Turn in 178mm (7")
Muzzle Velocity	1 turn in 7"	1 turn in 7"	1 turn in 7"	1 turn in 7"
Firing Method	NATO Standard	NATO Standard	NATO Standard	NATO Standard
Cyclic Rate of Fire	5/20 Rounds	20/30 Rounds	20/30 Rounds	20/30 Rounds
Sight Radius	975m/sec (3200f/sec)	975m/sec (3200f/sec)	855m/sec (2800f/sec)	855m/sec (2800f/sec)
Sight Type	Self loading semi automatic	Selective	Selective (SAC semi-Auto)	Selective (SAP Semi-Auto)
Weight	—	650/900 rpm	750/900 rpm AC	750/900 rpm MP
Flash Suppressor	420mm (16.5")	420mm (16.5")	370mm (14.562")	370mm (14.562")
System of Operation	Front: Protected post.	Front: Protected post.	Front: Protected post.	Front: Protected post.
Sight Base	Rear: Revolving aperture, windage adjustable	Rear: Revolving aperture, windage adjustable	Rear: Revolving aperture, windage adjustable	Rear: Revolving aperture, windage adjustable
	3.4Kg (7.5lb)	3.4Kg (7.5lb)	3.1Kg (6.9lb)	2.7Kg (5.9lb)
	Standard	Standard	Standard	Standard
	Gas piston operated	Gas piston operated	Gas piston operated	Gas piston operated
	Standard	Standard	Standard	Standard

AMMUNITION:

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

SAP & MP
Lightweight
2.7 kg (5.9 lb)

RARCO Engineering
SIGHTS
www.rarco-30m.au

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

AN AUSTRALIAN COMPANY

Australian Automatic Arms Pty Ltd

The "Grange"
Kempton
Tasmania
Australia 7030

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