

THE

ROBAR

COMPANIES, INC



RC50 / RC50F  
PRECISION  
LONG RANGE RIFLES

# RC 50

For long range target acquisition the RC 50 cannot be beaten! This rifle provides the operator with a system that is simply the easiest to operate and maintain. The RC 50 system provides EXTRA LONG RANGE, multiple target engagement with hard hitting capability using a variety of ammunition.

**The RC 50/RC 50F can be used with great effect and consistency for:**

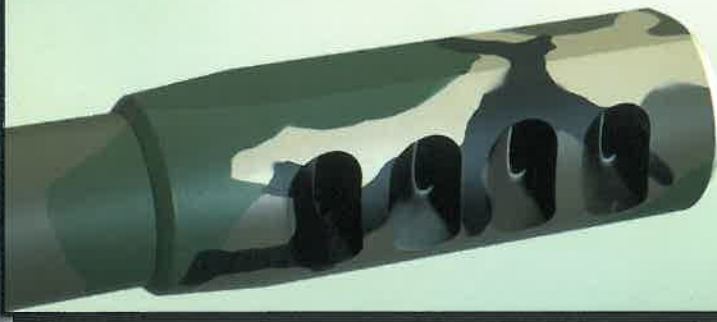
- Inflicting casualties at distances unobtainable with conventional weapon systems.
- Multi-shot capability with an assortment of ammunition to destroy or incapacitate soft or hard targets, e.g. helicopters, radar dishes, vehicles, etc.
- The RC 50/RC 50F's accuracy can be used at great distance to explode or render inert unexploded ordnance.
- The RC 50/RC 50F can be used to extreme ranges (2,000 meters) as a precision sniper / counter-sniper weapon.

**OPERATING CRITERIA:**

- **SIMPLICITY.** The RC 50/RC 50F is without question the simplest and most user friendly precision rifle system available in the world today.
- **DURABILITY.** The RC 50/RC 50F is assembled from the strongest and most durable materials available and requires very little maintenance.
- **RELIABILITY.** The RC 50/RC 50F has very few moving parts compared to any semi-automatic rifle on the market. The RC 50/RC 50F has a very simple and reliable bolt system that is totally reliable even under extreme conditions.
- **PORTABILITY.** The RC 50/RC 50F is only 25 pounds (11.5 KG) with scope and bipod. At this weight the rifle system is easily man portable even under extreme conditions. (See Optional Accessories)
- **MAINTENANCE.** The RC 50/RC 50F is easy to maintain. All field maintenance is done with standard tools. No special tools or equipment are required.
- **CLIMATE.** The unique coatings used on the RC 50/RC 50F make it the most weatherproof rifle available. The coatings are able to withstand any climatic condition, no matter how hostile, in any part of the world.
- **ACCURACY.** The RC 50/RC 50F is without question the most accurate .50 cal. available to the military specialist today. With appropriate ammunition, the accuracy of the RC 50/RC 50F is unbeatable and has been proven in open competition.

## MUZZLE BREAK

The unique design of the muzzle break found on every ROBAR RC 50/RC 50F is unparalleled in the industry. The effectiveness of the muzzle break allows for prolonged and sustained fire without fatigue or physical discomfort.



## MAGAZINE BOX

Every magazine is hand crafted from the finest materials available and finished in Robar's exclusive NP3. This finish gives the magazine a very corrosion resistant surface which requires no lubrication. NP3 comes with a lifetime warranty.



# RC 50 **F**

## COMPACT SYSTEM for SPECIAL OPERATIONS UNITS

The RC 50F was developed, on request, for use by an elite military organization to meet specific operational needs. The rifle is a full six inches shorter than conventional .50 cal. rifles, yet velocity is only slightly lower. (See Table 1). The unique folding stock mechanism is virtually indestructible and easy to use. The complete rifle, with stock folded is only thirtysix inches long, (90 cm) making it ideal for transportation in confined environments, such as helicopters, APCs, tanks, etc. The compact nature of the RC 50F allows it to be carried easily by ground forces without compromising or sacrificing conventional equipment. The RC 50F will compliment and greatly expand the operational potential of any special operations unit.



### HINGE ASSEMBLY

The RC50F has a unique two stage hinge system allowing the butt stock assembly to be fully folded flush with the rest of the gun. The entire assembly is machined from solid steel and will withstand the rigors of typical military operations.



**Table 1**

### ROBAR RC 50 SERIAL # RC 1078

Barrel Length	Armor Piercing Incendiary	Ball	Amax (Custom)
27.5	2699	2637	2440
26.5	2628	2534	2390
25.5	2617	2537	2384
24.5	2736	2488	2352
23.5	2611	2481	2347

**Total velocity loss between the 27.5" barrel and the 23.5" barrel**

88 F.P.S.    156 F.P.S.    93 F.P.S.

**Average loss per inch of barrel removed**

17.6            31.20            18.60

# SPECIFICATIONS

	RC 50	RC 50F
CALIBER	.50BMG (12.7X99mm)	.50BMG (12.7X99mm)
ACTION	BOLT	BOLT
MAGAZINE	DETACHABLE	DETACHABLE
CAPACITY	5 SHOT	5 SHOT
STOCK	SYNTHETIC	SYNTHETIC
BARREL LENGTH	29 IN. / 73 CM.	24 IN. / 60 CM.
BARREL TWIST	1:15	1:15
OVERALL LENGTH	55.5 IN. / 139 CM.	50 INCHES / 125CM.
LENGTH FOLDED	N/A	36.5 IN. / 91 CM.
TRIGGER	ADJUSTABLE	ADJUSTABLE
WEIGHT	25.5 LBS. / 11.5 KG.	25 LBS. / 11 KG.

# OPTIONAL EQUIPMENT

The Robar Companies, Inc. is able to supply various support equipment to enhance the operational capability of the RC 50/RC 50F. Basic equipment such as drag bags, hard cases for transportation, and cleaning and maintenance equipment are stock items. Sophisticated equipment such as night vision devices or range-finding and optical sights are all available through our company. The Robar Companies, Inc. is committed to supplying only the best equipment available to support the finest precision rifles on the market today.



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