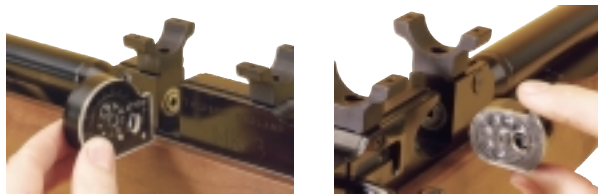


Introducing the Rapid Range

The original Rapid 7 was launched way back in December 1990. Since then it has won many awards and has become one of the best selling and one of the most popular pre-charged pneumatic air rifles ever made. Here at Theoben we are always trying to find ways to improve on already great models to continue to stay well ahead of the opposition. We make full advantage of computers for design and modeling and CNC machines in the manufacturing process. This ensures that our products continue to win awards and be something that shooters are proud to own and shoot.

Fitting and Setting the Scope

The Theoben scope mount system is second to none. The mounts locate and bolt directly onto the body. Once a scope is zeroed in, no further adjustments are necessary. The mounts are suitable for up to 45mm scopes. Adaptor blocks can be used for larger scopes. Avoid over-tightening of top halves of mounts otherwise damage may occur.



The 12 and 17 shot magazines fit in from the left hand side of the rifle and the 7 shot fits in from the right. Make sure the magazine clears the scope turrets.

Trigger Adjustment

The trigger is factory set to the optimal settings for both usability and safety. So changes are not really recommended. But if you feel fine-tuning is required, a person with suitable experience should carry out any alterations. For safety, the rifle must have the bottle and magazine removed.

Maintenance and Rust Prevention

The rifle has been built for thousands of rounds of shooting without any maintenance. However, service kits, replacement o-rings and grease are available from Theoben should the need arise. Do not allow mineral oil (e.g. engine oil, etc) to come into contact with any components exposed to high pressure air. The result could be extremely dangerous. Only use lubrication recommended (supplied) by Theoben (Molykote 33) for o-rings. The bolt should be lubricated with Morris Grease K62 MS. The rifle should be stored in a moisture free climate. Wipe all black steel surfaces with a lightly oiled cloth (mineral oil). Do not use SILICON. Do not spray any substances directly onto the rifle.

Recommended Pellets

	12 ft/lbs	FAC
.177	H&N FT Trophy RWS Superdome	Crosman Premier 10.5 grn H&N Baracuda
.20	H&N FT Trophy Bisley Superfield	Crosman Premier H&N Baracuda
.22	H&N FT Trophy Crosman Premier	Bisley Magnum H&N Baracuda
.25	n/a n/a	Bisley Superfield H&N Baracuda

Safety

1. Always be aware of where your rifle is pointing.
2. Never pull the trigger, even when you think the rifle is empty, unless it is pointing in a safe direction.
3. Always remove the magazine when putting the rifle away and make sure that you have not left a pellet in the breech.
4. Do not over pressurise the buddy bottles. Ideal pressure is 200 Bar (3000psi or 3200psi FAC). 12 ft/lbs rifles are regulated and will loose power if more air pressure is used.
5. Treat all high pressure vessels with respect. Only use them for the purpose intended.
6. Do not use bottles if screw thread gets damaged.

Unless an FAC powered rifle has been specified, all rifles are factory set to operate up to the UK legal limit. Any change from this could take the rifle over the legal limit, therefore making the owner of the rifle liable for prosecution. If in doubt check the rifle on a reliable, quality chronograph.

This rifle has been fitted with a Tamper Evident Cap

This complies with the 1969 Firearms Rules No.47 (Amendment Rules 1993 No.1490)

For your records

Please read this instructional information sheet, fill in this section and keep it safe for future reference.

Rifle Model & Calibre -

Gun Number -

Date Purchased -

Retailers Details -

Do not hesitate to contact us for more information on this or any of our air rifle products and accessories. Or visit our website for information downloads and full colour photos, prices and links to other sites of interest.

www.theoben.co.uk

The makers retain the right to change specifications without prior notice.
June 2004 mfr_ff

The Theoben Rapid MFR

'Multi-Functional Rifle'

- ★ Regulated 12ft/lbs Bolt Action
- ★ Pre-charged pneumatic
- ★ .177, .20, & .22 cal
- ★ Single shot/Magazine Fed
- ★ Walnut Sporter or thumbhole stock
- ★ Quality German barrels
- ★ Adjustable 2 stage Trigger
- ★ Recoilless



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What is the Rapid MFR?

The Rapid MFR is a 'Multi-Functional Rifle'. It is based on our award winning Rapid 7 action. Using a combination of the latest technology and computerised engineering methods, together with our vast experience in pre-charged pneumatics the Rapid MFR was born!



Top: Shows loading the MFR using the single shot holder supplied.

Right: Shows the single shot holder in place ready to load in pellet.



Loading the Rapid MFR

The loading port has been scalloped to allow three methods of loading; manual loading direct into the breech, using the single shot holder (supplied) and finally using one of our patented multi-shot magazines.

Method 1 - Manual Loading; pull back the bolt and lock into the rear position. Using your thumb, gently press a pellet into the breech of the barrel. Lift the bolt, slide forward and lock down. The MFR is now ready to fire.

Method 2 - Single Shot Holder; pull back the bolt and lock into the rear position. Slide the single shot holder into the loading port of the MFR. It can be inserted from either the left or right of the action. Drop a pellet into the single shot holder, but ensure that the pellet is facing forwards i.e. so the pellet enters the barrel head first. Lift the bolt, slide forward and lock down. The MFR is now ready to fire.

Method 3 - Magazine; pull back the bolt and lock into the rear position. Slide in the loaded magazine (see magazine loading instructions) – right hand side for the .22 calibre seven shot magazine or the left hand side for the .20 or .22 calibre twelve shot magazines and .177 seventeen shot magazine. Lift the bolt, slide forward and lock down. The MFR is now ready to fire.

REMEMBER! If a loaded magazine is in place, each time the bolt is operated without firing, successive pellets will be forced into the breech. Causing a jam in the barrel.

Magazine Loading Instructions

Please follow carefully

7 shot mag

12 & 17 shot mag



1 Rotate the transparent cover **anti-clockwise** in the direction of the arrow, almost one complete turn against the spring tension and hold firmly. Do not allow the cover to spring back unresisted or damage can occur.



2 Load the pellet through the aperture in the transparent cover and block the pellet's exit by placing a finger over the exit hole in the black body.



3 Rotate the transparent cover **clockwise**, i.e. opposite to the direction of the arrow so that each hole in turn is exposed through the aperture. Insert and seat a pellet head first into each compartment of the magazine until loading is complete and ensure that the pellet skirts do not foul the transparent cover.



Seven shot mag; white shows shot number six and red shot seven.

4 Align transparent cover with the magazine body, and it is now ready to load into the rifle.

Keep magazines clean, protect from grit, sand, dust etc. Do not spray any oil on them. Preferably keep them in the sealing bag provided.

Remember; we can service your mags. Seven shot is £8.50 inc parts. Twelve/Seventeen shot is £8.50 plus parts. Plus postage.

Shots per Charge

The regulator has been extensively worked on the MFR and making it more consistent than previous models. With this much improved airflow it has given us the chance to go back to a 280cc bottle giving the rifle a slimmer look but keeping a very high number of shots per charge in 12ft/lbs. The FAC also has a high number of shots but is not fitted with a reg.

PLEASE NOTE: The 280cc MFR buddy bottle will not work on other models of Rapid and vice versa

The following procedures must be carried out with magazine removed. Check no pellet is left in the barrel.

Removal of the Buddy Bottle from the Rapid

The buddy bottle can be removed from the rifle at any time. Just follow the steps below.

- 1 Move the bolt unto the rear position and lock down.
- 2 Unscrew the bottle: With the buddy bottle removed, air may still be in the rifle. Expel this air by firing the rifle empty with the barrel pointed to the ground.

Fitting the Buddy Bottle to the Rapid

Fully charge bottle 200/220 bar (3000/3200 psi).

- 1 Pull back bolt and lock down so it cannot go forward.
- 2 Screw on the bottle up to the shoulder. Do not overtighten.
- 3 Rifle is ready for the magazine. Close the bolt and you are ready to fire.

Charging the Buddy Bottle

A decant set will be required to fit a reservoir bottle similar to those used by divers or you may have a reservoir bottle that is made for filling buddy bottles:

- 1 Clamp decant set to the main reservoir bottle (if applicable).
- 2 Screw in the buddy bottle hand tight.

The top of the buddy bottle seals on the delrin seal.

- 3 Check the bleed screw is finger tight.
- 4 Open the main valve allowing the air to fill the buddy bottle.
- 5 Open bleed valve 2-3 turns until excess air is expelled.
- 6 Remove the filled buddy bottle and fit on Rapid.



12ltr Bottle

Due to the increasing popularity of pre-charged pneumatic air rifles, we have found that buddy bottles can be refilled at many gun shops or dive centres for just a few pounds per fill. Large reservoir bottles can also be refilled for a few pound extra. We do not recommend using a pump as it can damage the bottle valve. Bottles need to be tested every 5 years.

**ONLY FILL BOTTLES WITH AIR
Never use pure oxygen it is explosive!**