

To load the SLR 98 Air Rifle

- 1 Cock the rifle by pulling the underlever downwards until the sear engages. An automatic safety catch stops the underlever from springing back should the trigger be inadvertently released, but you must ensure that you don't let go the underlever before the sear has engaged or damaged will occur.
- 2 Leave the underlever in the lowered position and place the loaded magazine into its housing with the transparent cover facing away from the muzzle. (Instructions for loading the magazine are shown above).
- 3 Replace the underlever and a pellet will be loaded into the breech from the magazine.
- 4 Push the safety catch forward, the rifle is now ready to fire.
- 5 The shot indicator viewed at the top of the magazine shows black when it still contains more than two pellets and turns white when two shots are left. When only one shot is left there will be a red indicator, which remains red when the magazine is empty (but there could still be a pellet in the breech). Take extreme care.



Caution

Every time the underlever is pulled down and the loading probe retracts past the magazine a pellet will be loaded into the breech (should there be any pellets remaining in the magazine) when the underlever is returned.

Should you wish to check how many pellets are left in excess of the last two or to remove the magazine, then cock the air rifle and remove the magazine from its position. This procedure must only take place after the rifle has been fired otherwise there is the danger of loading a second pellet into the breech.

Accidents have taken place with self-loading weapons of all descriptions because they were believed to be empty. In the interests of safety we strongly recommend that when you have finished using this air rifle it is left discharged and the magazine removed. This is done by partially cocking it until the loading probe retracts past the magazine enabling it to be removed from its housing.

Pellets

Best results in performance and accuracy have been found with the following;

- .22 Crosman Premier
- .22 RWS Superdome
- .22 H & N Field Target

Please note only quality lead pellets are suitable in the SLR. Use of plastic/nylon based pellets will nullify the guarantee.



The unique Theoben scope mount system

Fitting and Setting the Telescopic Sight

The Theoben scope mount system is second to none. The ramp is welded to the rifle and the mounts locate and bolt directly to this, so scope 'creep' is a thing of the past. Once a scope is zeroed in, no further adjustments are necessary. The mounts are suitable for up to 45mm scopes. Adapter blocks can be used for larger scopes. Avoid overtightening of top halves of mounts otherwise damage will occur.

Maintenance

The internals are sealed for life and should only be attended to by Theoben. Maintenance is therefore limited to lubrication of the cocking linkage pins (located under the barrel). This can be done with a heavy oil i.e. car engine oil. At no time can should any of the maker's grease be removed unless similar molybdenum based grease is used. Under no circumstances should petroleum base or silicon base grease be used. Using normal lead pellets it will not be necessary to oil the barrel bore. This could allow oil to seep through to the air chamber via the transfer port. This will produce violent dieseling with possible damage resulting. In conclusion Theoben rifles are for shooting not for tinkering.

Power (UK Legal Limit)

We have set the power of each individual rifle to perform to the legal limit. Remember the power you experience when the rifle is new will remain throughout its effective life. No pump is required for the rifle's operation. The rifle can be used reduced power for indoor shooting and a pump is only necessary if the power needs to be brought back up.

The Theoben SLR 98

H.E. System (High Efficiency)

- ★ .22 calibre
- ★ 7 shot auto loading magazine
- ★ 12 ft/lbs only
- ★ Light weight @ 7.9lbs
- ★ Anschütz Barrel
- ★ The only air rifle with a gas (air) powered piston
- ★ Fitted with Floating Inertia making the rifle almost recoilless
- ★ Unique integral silencer with part of the air blast absorbed through the underlever

OUTSTANDING ACCURACY



1/2" group at 40 yards
(Terry Doe field target)



Theoben Limited
West Newlands
Somersham
Cams. PE28 3EB
England
Tel : 01487 740744
Fax : 01487 740040
<http://www.theoben.co.uk>
theoben@zetnet.co.uk



Introducing the SLR 98

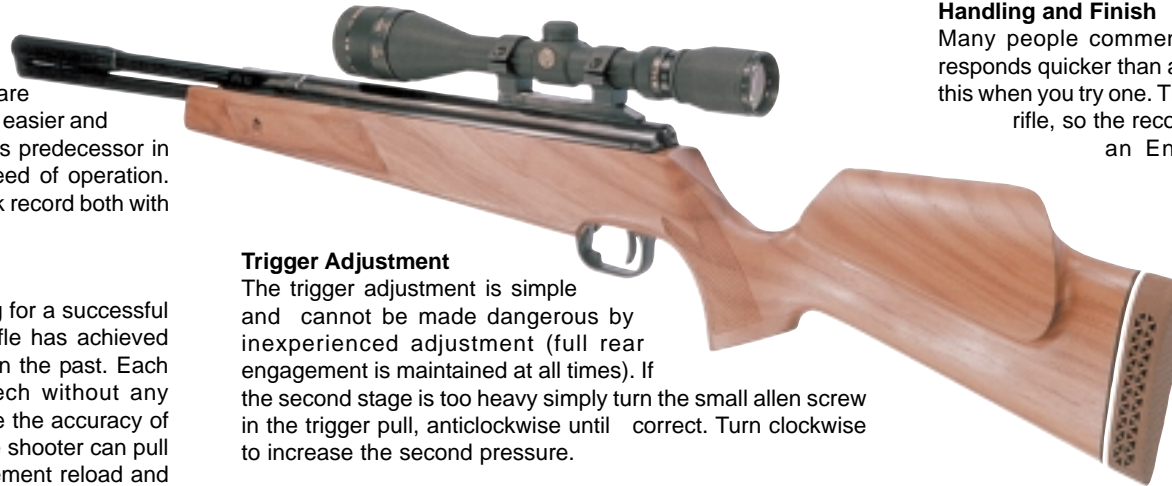
The SLR 98 is a new version of our underlever rifle built some 10 years ago. Using modern computerised machines we are able to make more sophisticated components easier and cheaper. The rifle still has all the virtues of its predecessor in the shape of accuracy, consistency and speed of operation. The magazine system has a tremendous track record both with the SLR and the Theoben Rapid 7.

Why this rifle is important

For many years engineers have been looking for a successful self-loading air rifle. Look no further. This rifle has achieved what many manufactures have failed to do in the past. Each pellet is delivered precisely into the breech without any damage whatsoever. We therefore guarantee the accuracy of the rifle will astound you. With confidence the shooter can pull off the most amazing shots and in one movement reload and shoot again in a few seconds. Stroll around your favourite shoot with the rifle cocked, ready for that moment of instant action. No need to worry about springs being left nearly coil bound, the Theoben system does not have that problem. No need to worry about wasted shots, one shot to re-cock and the magazine has delivered the next pellet ready to be shot.

Advantages of the Theoben system

- 1 The main benefit must be the consistency of power. Because the same charge of air is used over and over again there is virtually no variation from shot to shot.
- 2 This means that precisely 12 ft/lbs can be set and maintained for thousands of rounds.
- 3 The gun can be left cocked whilst hunting, something not recommended with a spring rifle, due to spring fatigue.
- 4 The rifle is very quiet in action.
- 5 The action is quicker than a spring rifle.
- 6 Very low recoil, almost recoilless.
- 7 It still has a one stroke cocking, not like a pump-up rifle.
- 8 The SLR is self-contained. It does not rely on external power for its operation.
- 9 Individually hand finished for supreme accuracy.
- 10 The system is totally reliable and is used right round the world.
- 11 The scope mount ramp built onto the rifle permanently, so scope shift is a thing of the past.
- 12 The SLR is made from traditional gun makers' materials externally, housing our unique system of power that incorporates many features of latest technology.
- 13 The same system can be uprated to a higher power with no loss of reliability or accuracy.
- 14 12 ft/lbs SLR rifles can be rebuilt at the factory to produce 16 ft/lbs for holders of FireArms Certificate.



Trigger Adjustment

The trigger adjustment is simple and cannot be made dangerous by inexperienced adjustment (full rear engagement is maintained at all times). If the second stage is too heavy simply turn the small allen screw in the trigger pull, anticlockwise until correct. Turn clockwise to increase the second pressure.

Loading instructions for the 7 shot magazine



1. Rotate the transparent cover anticlockwise in the direction of the arrow, 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 a pellet through the aperture and block the pellets exit hole in the magazine body.



3. Rotate the transparent cover clockwise, opposite the arrow so that each hole in turn of the magazine is exposed through the aperture. Insert a pellet headfirst into the magazine until loading is complete and ensure that the pellet skirts do not foul the transparent cover.



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

Keep magazines clean, protect from grit, sand, dust etc. Do not spray any oils in them. Preferably keep in self-seal plastic bag.

Handling and Finish

Many people comment that the SLR is quieter than, and responds quicker than a spring rifle. We will leave you to judge this when you try one. There are less moving parts than a spring rifle, so the recoil is less as well. The SLR is fitted with an English walnut stock with hand cut chequering. It's a very modern style, comfortable to handle, beautiful to look at. Metal parts are finished in traditional gun black. The SLR is also lubricated in such a way that no further maintenance will be required.

Zephyr Piston

This is another unique invention by Theoben. We discovered by cutting special shaped grooves in the face of the piston crown, more power and consistency was immediately obtained. This is because all the air is jetted through the transfer port to act on the pellet, with the help of the Zephyr grooves no air is wasted in turbulence or by being trapped in front of the piston, the main cause of piston bounce.

Floating Inertia

The SLR 98 has an ultra light piston for super smooth operation. To prevent piston bounce we have a patented device known as Floating Inertia. It is a small weight inside the piston which slides momentarily behind the speed of the action, so when the piston reached the end of its stroke, the weight following impacts with the piston and prevents bounce.

Barrel Silencer

All SLRs are fitted with Anschütz barrels machined to 9½ inches long. The muzzle is choked so enhancing accuracy with a wide range of pellets. Our silencers and barrel weights are made of steel and are permanently fitted bringing the length of the gun up to 42 inches. We have achieved extra silencing by building a special underlever that absorbs some of the muzzle blast.



Extra Silencing

Unscrew the muzzle finisher and screw in a special version of the Evolution Silencer with the option of the Vortex diffuser end cap if required. This set up makes the rifle virtually silent.