



HATSAN
ARMS COMPANY

Serious. Solid. Impact.



MOD 25 SUPERCHARGER

BREAK BARREL AIR PISTOL

INSTRUCTION MANUAL

PLEASE READ THIS MANUAL BEFORE USING YOUR AIR GUN

Thank you for choosing MOD 25 SuperCharger

Your air pistol includes many features, which gives greater handling, greater accuracy and enjoyment.

- Break barrel, single cocking system & single shot semi recoilless air pistol.
- Equipped with Hatsan's XRS Recoil Reduction System for a noticeably smooth shot.
- 4.5 mm (.177) or 5.5 mm (.22) caliber.
- Ergonomically designed rugged synthetic grip with checkering for better control & feel. Left hand pistol grip available upon request.
- Precision rifled steel barrel.
- ½" UNF threaded muzzle and fitted muzzle cap.
- Includes aluminum cocking aid
- Quattro Trigger
- Metal trigger blade.
- Manual & Automatic safety.
- Anti bear-trap safety.
- Grooved cylinder for scope mounts.
- Micro adjustable rear sight for both windage and elevation with Truglo fiber optics.
- Elevation micro adjustable front sight with Truglo fiber optics.

Section I. Basic Parts of Your Gun



- | | | |
|----------------|-----------------|------------------|
| 1. Muzzle Cap | 4. Cylinder | 7. Trigger Guard |
| 2. Front-sight | 5. Rear - Sight | 8. Trigger |
| 3. Barrel | 6. Grip | 9. Safety Button |

Section II. Manual Safety

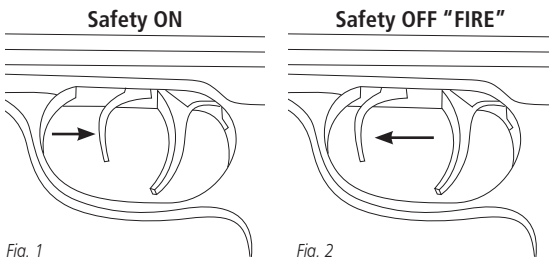


Fig. 1

Fig. 2

Safety button can be set to 'ON' and 'OFF' position manually.

- To put the safety to "ON", pull the safety button rearward. In this position, the trigger cannot be pulled and the air pistol cannot be fired. (Fig. 1)
- To put the safety to "OFF", push the safety button to the front. In this position, the air pistol is ready to shoot. (Fig. 2)

CAUTION: Until you are actually ready to shoot, keep the safety button in the "ON" position. (Fig. 1)

Section III. Automatic Safety & Anti Bear-Trap Mechanism

Your air pistol is equipped with automatic safety and anti bear-trap mechanism. Automatic safety sets the safety to "ON" automatically during cocking of the air rifle. Anti bear-trap mechanism prevents the safety button being put to "OFF" position when the barrel is broken. Automatic safety & anti bear-trap mechanism together prevents accidental pull of the trigger when the air rifle is cocked, so preventing undesirable charges which may cause damage.

Section IV. Quattro Trigger

Your air rifle is equipped with Quattro trigger, (Fig. 3), you can adjust "trigger travel" & "trigger pull" as follows:

BOLT#1 is for trigger pull force adjustment.

For less trigger pull force prior to discharge, rotate BOLT #1 clockwise; and vice versa.

BOLT#2 is for trigger travel adjustment.

For less trigger travel prior to discharge, rotate BOLT #2 clockwise; and vice versa.

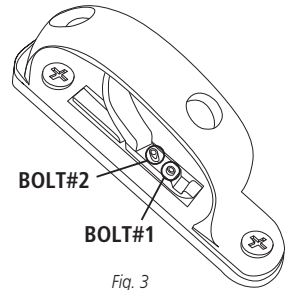


Fig. 3

Section V. Micro Adjustable Rear Sight & Front Sight

The rear-sight is a sensitive device and can be adjusted both for elevation and windage by steps of 0.1mm, meaning 1mm deviation when shooting to a target 10m away.

Windage adjustment

- If the shot is deflected to the left of the target, turn the KNOB#1 clockwise. (Fig. 4)
- If the shot is deflected to the right of the target, turn the KNOB#1 counter-clockwise. (Fig. 4)

Elevation adjustment

- If the shot is too high, turn KNOB#2 clockwise. (Fig. 4)
- If the shot is too low, turn KNOB#2 screw counter-clockwise. (Fig. 4)

Further elevation adjustment is possible by means of the adjustable front sight.

- If the shot is too high, turn KNOB#3 clockwise. (Fig. 5)
- If the shot is too low, turn KNOB#3 counter-clockwise. (Fig. 5)

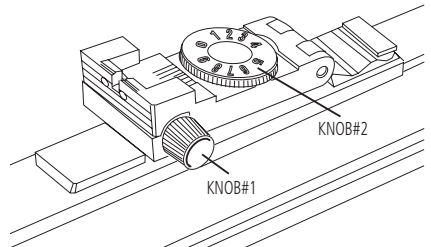


Fig 4

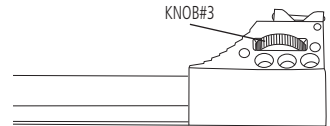


Fig 5

Section VI. Operation Instructions

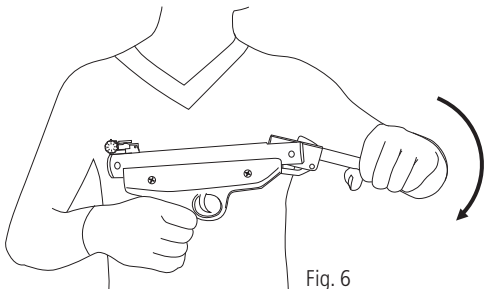


Fig. 6

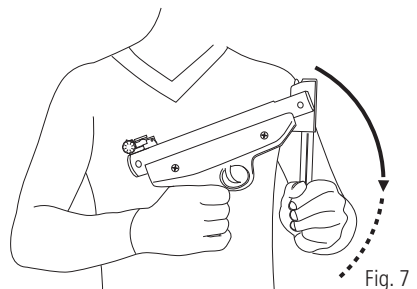


Fig. 7

Cocking the gun: Hold the pistol grip with one hand and break the barrel all the way down with the other hand (Fig. 6 & 7).

CAUTION: Do not leave the gun cocked for a long time. Otherwise the spring may be subject to fatigue, which decreases the performance of the gun.

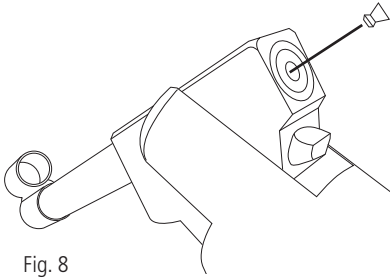


Fig. 8

Loading the gun:

Load the gun with only one pellet. (Fig. 8)

Shooting:

- Bring the barrel to its fully closed position. (Fig. 9)
- Be sure that the barrel is closed completely and you hear a click upon closing the barrel.
- Sight in*, disengage safety and get ready for shooting. (Fig. 10)

(*) The gun is correctly aimed when the front sight blade is positioned exactly in the notch of the rear sight. The sight picture should look like (Fig. 11)

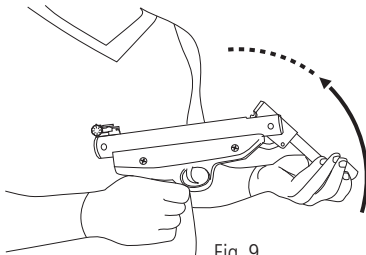


Fig. 9

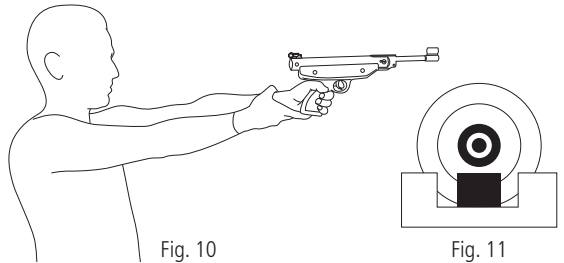


Fig. 10

Fig. 11

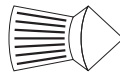
Section V. Ammunition

Proper use of ammunition

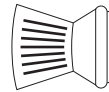
There is, available, a variety of pellet types of varying weights that can be loaded in your air gun;



Dome head



Pointed head



Flat head

The choice of pellet type and weight is very dependent on the intended purpose of the shoot. So, it is recommended to use:

- Flat head pellets for close range shooting and for extreme accuracy.
- Dome head pellets for greater impact on the target.
- Pointed pellets for considerable expansion.
- Heavy weight pellets, especially heavy weight dome head pellets, for maximum penetration & expansion at the target.

Pellet weight and external shape combination plays a very important role on the muzzle velocity and ballistic performance, but weight has the dominant role. Lighter pellets provide higher velocities, usually produce less recoil and give a flatter trajectory path to the target-leads to less guesswork. On the other hand, heavy pellets are more accurate and retain more energy downrange so giving a greater penetration and expansion on the target.

Safety Measures for Ammunition

- Pellet quality is highly important in order to have effective results. So, use only high quality factory-manufactured pellets.
- Never reuse pellets.
- Do not touch face or mouth after handling pellets. Wash hands after handling pellets.
- Do not oil pellets nor use dirty, corroded, bent, damaged or wet pellets.
- USE ONLY PELLETS OF THE CALIBRE, WHICH YOUR AIRGUN IS CHAMBERED.
- Always load your gun with only one pellet and be sure to load the pellet with the skirt end toward you.

- If you feel unusual resistance when loading a pellet or a shot which sounds not normal, immediately check the barrel for a possible obstruction.
- If a pellet obstructs the barrel, do not try to remove it by firing with a subsequent pellet.
- This may cause serious damage to the rifle and cause serious injury to you or bystanders. In such a case, first try to remove it with a cleaning rod firstly making sure that the rifle is uncocked. If it still cannot be removed take the air gun to a qualified gunsmith.

Section VI. Technical Specifications

Mechanism: Break barrel, single cocking system & single shot semi recoilless air pistol.

Safety: Manual and automatic safety with anti bear-trap mechanism

Trigger: Adjustable trigger for both trigger travel and trigger pull force.

Model	Caliber	Max. Muzzle Velocity (*)	Stock	Length	Barrel Length	Weight	Fiber Optic Sights Diameters	
							Rear Sight	Front Sight
Mod 25 SuperCharger	4.5 mm / .177 cal	215 m/s (700 fps)	Advanced Polymer	508 mm (20")	285 mm (11.2")	1.7 kg (3.9 lbs)	0.9 mm (.035") green	1.5 mm (.060") red
	5.5 mm / .22 cal	180 m/s (600 fps)						

* Above maximum muzzle velocity figures may differ depending on the pellet weight & shape.

* The energy restrictions of a particular country can be achieved by the reduction in the muzzle velocity. The above maximum velocity figures are obtained when there is no energy restriction on the air rifle.

Section VII. Care, Cleaning & Lubrication

- Protect your air rifle with rifle oil periodically. It is very important and necessary to oil your air rifle when it is
 - Not used for a long time
 - Shot under dry & dusty conditions
 - Used in wet weather (oil it before & after use in such a case)
- It is recommended to oil your air rifle every 250 shots.
- It is recommended to clean the barrel with a cleaning rod every 500 shots.
- Before you begin oiling or cleaning your air rifle, always check to make sure it is unloaded.
- Always be sure your air rifle barrel is clean and not blocked.
- After cleaning check to be sure that no cleaning patch or other obstruction remains in the barrel.
- Annually, take your air rifle to a gunsmith even if it seems to be working well, since some issues in your air rifle may not be apparent from external examination.
- Take your air rifle to a gunsmith if water, sand, etc. enters the internal mechanism of the air rifle, for complete cleaning.
- Dangerous conditions may occur if you do not keep your air rifle clean and working properly.

Safety Measures & Warnings

- This air rifle will shoot if cocked, loaded, safety disengaged and trigger pulled.
- Air rifles are not toys. Never let young children use an air rifle unsupervised. Adult supervision is strictly required during use. Misuse or careless use may cause serious injury or death.
- Learn how your air rifle operates and safe rifle handling procedures before loading and using it.
- ALWAYS USE EYE & HEARING PROTECTION AND MAKE BYSTANDERS USE THE SAME. Failure to do so may result in eye injuries and permanent hearing loss.
- Do not point at anything you do not intend to shoot even though the rifle is unloaded. Always keep the air rifle pointed in a safe direction.
- Never pull a air rifle toward you by the muzzle.
- Always aim at a safe target, taking care that it does not conceal any other object.
- Before you fire, consider where the pellet will travel should you miss your intended target, thus ensuring no damage or harm could result.
- Be sure of your target before you pull the trigger. Never shoot at sounds.
- When shooting, always have a safe shooting range, that is; have a safe area forshooting, a safe distance between you and the target, and a safe backstop to trap the pellets and hold the target.

- Do not fire at a target, which allows ricochets or deflections.
- Do not fire into or at water.
- Do not fire at or near power lines or insulators. Be especially careful in wooded areas where power lines may not be as visible.
- Do not load the rifle until you are ready to shoot.
- Always keep your fingers away from the trigger & muzzle during cocking and handling.
- Do not walk, run or jump when carrying a loaded or cocked air rifle. A loaded or a cocked air rifle should never be carried inside a vehicle, house, camp or public place.
- Never climb a tree or fence or jump a ditch with a loaded air rifle. In such a case, first unload it and hand the air rifle to a friend or place it on the ground on the other side of the obstacle before crossing yourself.
- When transporting the air rifle, keep it unloaded and 'on safe'.
- Always keep the air rifle 'on safe' until you are ready to shoot even if the air rifle is unloaded.
- Do not put the air rifle away loaded and unattended.
- Always check to see if the air rifle is 'on safe' and unloaded when getting it from another person or from storage.
- ALWAYS KEEP THE AIR RIFLE AND/OR PELLETS OUT OF THE REACH OF CHILDREN.
- Keep the air rifle and pellets in separate places, better if under lock and key.
- Do not attempt to disassemble or tamper with your air rifle. Use a competent gunsmith. Many air rifles contain powerful springs which can cause serious injury if released in an uncontrolled manner.
- Always handle and treat your air rifle as though it were loaded.
- Improper use or handling of air rifles is not the responsibility of the manufacturer or distributor, under any circumstances. The user is responsible for any harm, which may be caused.
- Think first, fire second.
- Don't rely on any mechanical safety. Half safe is not safe.
- Be safe not sorry.
- Respect other's property.
- Air rifles should never be used under the influences of alcohol or drugs



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