



HATSAN
ARMS COMPANY



HATSAN VELOX

PCP AIR PISTOL

**INSTRUCTION
MANUAL**

PLEASE READ THIS MANUAL BEFORE USING YOUR AIR PISTOL

Thank you for choosing the HATSAN VELOX semi-auto action PCP air pistol.

Always use caution when operating this air pistol. Learn and obey the laws of your country, state, and/or locale, and be responsible in use of this air pistol. Please read this manual completely before handling or shooting your air pistol. It's the sole responsibility of the user to use this air pistol properly and safely.

WARNING!

- Each HATSAN VELOX air pistol contains pressurized air and should only be dismantled by a competent gunsmith. Do not attempt to dismantle the air pistol if the air pistol is partially or fully charged, except for removal and replacement of the air cylinder. Serious injuries and/or damages may result if this instruction is ignored.
- Never shoot the air pistol when the air cylinder is removed or empty. This may damage your air pistol. Never attempt to dismantle the air cylinder parts or air gauge when the air cylinder is fully or partially charged. Serious injuries and/or damages may result if this instruction is ignored.
- Don't use BBs with your air pistol and use only factory manufactured, waisted, high-quality pellets.
- The HATSAN VELOX air pistol is designed specifically for use with DRY COMPRESSED AIR. NO OTHER GAS OR GAS COMBINATION IS TO BE USED.
- The air pistol may be filled from a diver's bottle, a suitable compressor or by using a hand pump specifically made to fill pre-charged air pistol. MAXIMUM SAFE WORKING PRESSURE (SWP) : 250 BAR.

I. GENERAL INSTRUCTION

The HATSAN VELOX has front and rear sights. It is also possible to attach a scope or other optical aiming devices to the air pistol using 11 & 22 mm dovetail mounts.

Before using your new air pistol check if it is fully charged and abide the below basic safety rules:

Basic Safety Rules:

1. Treat every air pistol as if it is loaded.
2. Never point the air pistol at anyone or allow anyone to point an air pistol at you, even if you know it is not loaded.
3. Always carry the air pistol so that the direction of the muzzle is under control, even if you stumble.
4. Always be sure of your target and what lies behind it before firing your air pistol.
5. Never leave a loaded air pistol unattended.
6. Be alert to targets that tend to cause ricochets.
7. It is recommended that eye & ear protection is worn when charging the cylinder and when shooting.
8. Until you are actually ready to shoot, keep your finger off the trigger, and the safety button in the "ON" position.

II. SPECIFICATIONS

VELOX	
Barrel Length	148mm (5.8")
Overall Length	290mm (11.4")
Weight	1,25 kg (2 lbs)
Max. Fill Pressure	250 Bar

Caliber	Max Muzzle Velocity (*)	Energy	
		joules	ft.lbs
4.5mm / .177cal	203m/s (670fps)	11,7	8.6
5.5mm / .22cal	188m/s (620fps)	17	12.6
6.35mm / .25cal	175m/s (580fps)	20	15

** The above velocity rates may differ depending on the pellet weight & shape. The above velocity rates reflect the product's maximum velocity. Velocity rates are determined by the laws of the importing country. If there are muzzle energy/velocity restrictions in your country, then this product was produced in compliance with these related muzzle energy / velocity laws - resulting in a lower muzzle velocity.*

III. BASIC PARTS OF YOUR AIR PISTOL



- | | | |
|-------------------------------|------------------|--------------------|
| 1. ½" UNF Thread Protector | 5. Magazine | 10. Spare Magazine |
| 2. Front Sight | 6. Cocking Lever | 11. Trigger |
| 3. Shrouded Barrel | 7. Rear Sight | 12. Air Fill Tip |
| 4. Picatinny Rail (11 & 22mm) | 8. Safety Button | 13. Air Tube |
| | 9. Pistol Grip | |

IV. MANUAL SAFETY

Safety ON

Safety OFF



Pic. 1

Safety button can be set to "ON" and "OFF" positions manually.

To set the safety to "ON", push safety button and you will not see the red line on button. In this position, the trigger can't be pulled, and the air pistol can't be shot (Pic. 1). To remove the safety to "OFF", push from other side of safety button and you will see the red line on button. In this position, the air pistol is ready to shoot (Pic. 2).

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

V. SIGHT ADJUSTMENT

The Hatsan Velox air pistol has optional fiber optic rear & front sight assemblies. The rear-sight is a sensitive device and can be adjusted both for elevation and windage.

Rear Sight Adjustment:

If the shot is left of the target, turn the SCREW #1 counter-clockwise, slide rear sight to right and tighten the screw.

If the shot is right of the target, turn the SCREW #1 counter-clockwise, slide rear sight to left and tighten the screw.



Pic. 3

Front Sight Adjustment:

If the shot is too high, turn SCREW #2 clockwise.

If the shot is too low, turn SCREW #2 screw counter-clockwise.



Pic. 4

VI. OPERATING INSTRUCTIONS

Warning!

- Before filling the air cylinder make sure the safety is in the ON position, no pellets are loaded in the air pistol, and/or the magazine is not mounted in the air pistol. If the air cylinder is completely empty, fill air cylinder after cocking the air pistol and keep the charging lever open at the rear.
- Take all safety measures before filling the air cylinder. It is recommended for the user and bystanders to wear eye & ear protection when filling the air cylinder.
- While filling in the air cylinder, the pressure must be monitored from the air gauge of the hand pump or scuba charging kit. Do not measure the air pressure by the air gauge on the air pistol during filling process. Instead, reference the gauge on your fill device.

Charging the Air Pistol:

- Pull the bolt lever backwards until it stops and locks at the back. Keep the bolt lever locked at the rear. Set the safety button "On". (Pic 5)
- Fit the female quick disconnect nozzle to the airline of the charging equipment, which must incorporate a pressure gauge. Ensure both female disconnect nozzle and air pistol male fitting are clear from dirt and gently push the nozzle into the filler hole as in Pic. 5.
- Fill the air cylinder up to the pressure quoted previously in this manual (**250 Bar**). Do not exceed the maximum fill pressure as this will reduce the muzzle velocity of the pellets and may damage internal components, which may cause danger to you and others around you. When using a diver's bottle, refill the air pistol slowly to prevent the heat created by the filling process from damaging the air pistol's components.
- Undo the bleeder valve on the hose before disconnecting the female fitting from the male fitting on the air pistol.



Pic. 5

Removable Air Cylinder:

The HATSAN VELOX is equipped with a removable air cylinder. The cylinder can be removed while charged. **Firstly, be sure that the air pistol is not loaded. Pull the bolt lever backwards until it stops and locks at the back. Keep the bolt lever locked at the rear. Set the safety button "On". (Pic. 5)** Slowly unscrew the cylinder. A small amount of air will escape after the cylinder has been unscrewed a few turns - this is normal. Finish unscrewing the cylinder to remove it. A spare cylinder that has already been charged can be installed, or the same cylinder can be re-installed.

Loading the Air Pistol and Shooting:

- The magazine is composed of a front side (black part) and a back side (transparent part). The magazine is designed to be allowed to fit only one way into the air pistol.
- Hold the magazine with its black part up, over the transparent side. (Pic.6)



- Spin the black part counter-clockwise to release the cover from the catch point. Then insert the pellet in backwards (skirt first) into the first location. Continue to turn the black part counter-clockwise until it stops. (Pic.7)

- Spinning the cover in the same direction and holding the magazine in a vertical position continue placing the pellets until the all positions are filled. Once the magazine is full, spin the black side in the opposite direction and return the magazine to its initial position. (Pic. 8)



- With the transparent cover facing the butt of the air pistol and charging handle fully to the rear, insert the magazine, pointed end first, from the right side of the air pistol and push it inwards all the way in until it's fully in place. (Pic. 9 & 10)





Pic. 11



Pic. 12

Shooting:

- Once you are ready to fire, pull the cocking lever back and then move it all the way forward. (Pic. 11 & 12)
- Aim at your intended target, disengage the safety and get ready to shoot.
- Pull the trigger slowly, the pistol will fire and re-cock the bolt at the same time.

Warning!

1. Your pistol is able to operate as a semi-automatic air pistol as long as the pressure inside the air cylinder is above 100-120 bars.
2. Make sure the bolt lever is fully closed before you shoot.
3. In case of a malfunction, pull the bolt lever, remove the magazine and squeeze the trigger aiming your pistol in a safe direction. Then insert the magazine again.
4. Never re-cock your pistol without shooting. Each time you re-cock the bolt lever without firing, it will feed a pellet into the barrel, which will lead to a pellet accumulation inside the barrel.
5. If the air pistol does not shoot after squeezing the trigger, immediately remove the magazine and pull the trigger pointing your pistol in a safe direction. Otherwise you may accidentally leave a pellet in the barrel.

VI. MAINTENANCE

Warning!

Never attempt to disassemble this air pistol. Never fire when the air cylinder is empty or removed. Failure to obey this instruction could result in damage to your air pistol.

- Never lubricate inside the barrel as this will affect the accuracy & grouping of the air pistol in a negative manner. Occasionally, apply proper mineral based oils sparingly to the following parts:
 - The trigger mechanism
 - The cocking lever sliding surface
 - The pellet probe
 - The stern of the magazine pin and the magazine release

DO NOT OVER-LUBRICATE THE AIR PISTOL!

- It is recommended to clean the barrel with a cleaning rod every 500 shots. Never lubricate inside the barrel.
- Before you begin oiling or cleaning your air pistol, always check to make sure it is unloaded.
- Always be sure your air pistol barrel is clean and not blocked.
- After cleaning ensure that no cleaning patch or other obstruction remains in the barrel.
- Annually, take your air pistol to a gunsmith even if it seems to be working well, since some issues in your air pistol may not be apparent from external examination.
- Take your air pistol to a gunsmith if water, sand, etc. enters the internal mechanism of the air pistol, for complete cleaning.
- Dangerous conditions may occur if you do not keep your air pistol clean and working properly.

Safety Measures & Warnings

- This air pistol will shoot if cocked, loaded, safety disengaged, and trigger pulled.
- **Air pistols are not toys.** Never let young children use an air pistol unsupervised. Adult supervision is strictly required during use. Misuse or careless use may cause serious injury or death.
- Learn how your air pistol operates and safe gun 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 if the air pistol is unloaded. Always keep the air pistol pointed in a safe direction.
- Never pull an air pistol toward you by the muzzle.
- Always aim at a safe target, taking care that it does not conceal any other object, know what is behind your target.
- 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 for shooting, 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 visible.
- Do not load the air pistol 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 pistol. A loaded or a cocked air pistol 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 pistol. In such a case, first unload it and hand the air pistol to a friend or place it on the ground on the other side of the obstacle before crossing yourself.
- When transporting the air pistol, keep it unloaded and **'on safe'**.
- Always keep the air pistol **'on safe'** until you are ready to shoot even if the air pistol is unloaded.
- Always store the air pistol unloaded and **'on safe'**.
- Always check to see if the air pistol is **'on safe'** and unloaded when getting it from another person or from storage.
- **ALWAYS KEEP THE AIR PISTOL AND/OR PELLETS OUT OF THE REACH OF CHILDREN.**
- Keep the air pistol and pellets in separate places, better if under lock and key.
- **Do not attempt to disassemble or tamper with your air pistol.** Use a competent gunsmith. Many air pistols contain powerful springs which can cause serious injury if released in an uncontrolled manner.
- Always handle and treat your air pistol as though it were loaded.
- **Improper use or handling of air pistols 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.
- Airguns should never be used under the influences of alcohol or drugs.



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Serious. Solid. Impact.

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