

## **ATTENTION**

This operator's manual should be read carefully before using the pistol!

**Important measures when using arms:**

All firearms are dangerous objects, they should be used and stored with utmost caution!

Always treat an unloaded weapon as if it were loaded. Never put your finger on the trigger, except when actually firing a shot. Always ensure that the weapon is pointing in a safe direction. Keeping the weapon in perfect condition ensures safety.

**Weapons always have to be stored out of the reach of unauthorised persons.**

**Approved hearing and eye protection has to be used when shooting.**

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# 1 TECHNICAL DATA

Calibre .....	4.5 mm (.177)
Overall height of weapon .....	148 mm
Overall length of weapon .....	398 mm / 348 mm (Compact)
Overall width of weapon .....	50 mm (without magazine)
Total weight of weapon .....	1050 g / 983 g (Compact)
Sight length .....	adjustable from
.....	307 to 350 mm
.....	257 to 300 mm (Compact)
Front sight .....	relocatable front
Rear sight .....	Rear sight continuously
.....	adjustable from 2 - 7 mm
Barrel length .....	233 mm / 182,5 mm (Compact)
Maximum filling pressure .....	200 bar

## Power max:

LP 50 / LP 50 Compact	6 Joule
LP 50 RF / LP 50 RF Compact	7,5 Joule
LP 50 HP / LP 50 HP Compact	12 Joule / 10 Joule (Compact)

## Operating pressure:

LP 50 / LP 50 Compact	70 Bar
LP 50 RF / LP 50 RF Compact	90 Bar
LP 50 HP / LP 50 HP Compact	140 Bar

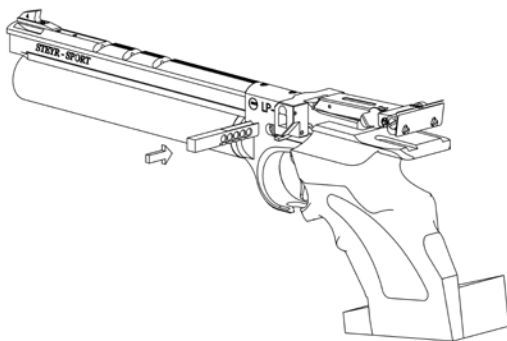
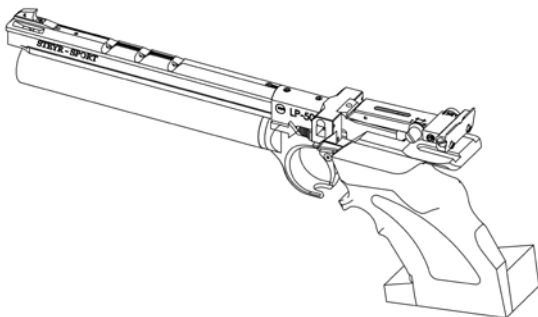
## 2 FILLING THE MAGAZINE

Place pellets one after the other, as shown, into the magazine chambers provided in such a way that the pellet is completely flush with the magazine.



### 3 COCKING, INSERTING THE MAGAZINE (LOADING), FIRING

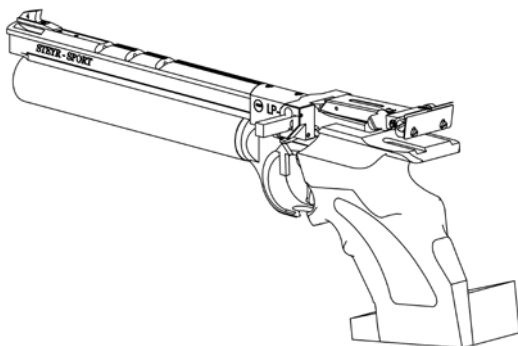
Cock the system by pushing the left and right slides simultaneously backward with thumb and index finger. The magazine may be inserted only when the pistol is cocked. It is impossible to insert the magazine the wrong way because the recess on the magazine and the spring sleeve in the magazine housing must match.



## 4 REMOVING THE MAGAZINE (UNLOADING)

After five shots are fired the magazine is empty. The system is still cocked. If the magazine catch located at the bottom left of the magazine tube is pressed, the magazine can be removed. Should the trigger have been pulled a sixth time the system has to be cocked again in order to be able to remove the magazine.

**The magazine may also be removed without emptying it. When pressing the magazine catch, ensure the magazine, which is under spring pressure, does not fly out.**



## 5 SIGHT ADJUSTMENT

The setscrews have to be turned as follows:

- |           |  |
|-----------|--|
| High hit  | – turn height-adjusting screw in direction H |
| Low hit   | – turn height-adjusting screw in direction T |
| Right hit | – turn side-adjusting screw in direction R   |
| Left hit  | – turn side-adjusting screw in direction L   |

One click of the side-adjusting screw changes the point of impact position by 1.2 mm at a target distance of 10 m.

### 5.1 Moving or exchanging the front sight

After loosening the countersunk screw the front sight can be moved backwards and forwards.



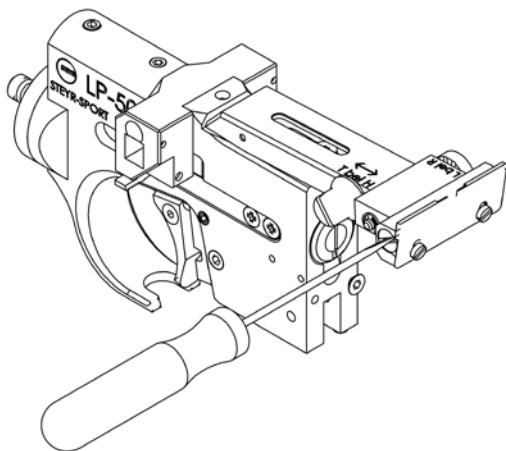
## 5.2 Rear sight adjustment

Turning the screws n° 95 or 96, the rear sight can be adjusted from 2 mm to 7 mm.

The depth of the rear sight is adjustable from 1.2 mm to 4.0 mm. Loosen the cover plate screws, move into desired position and then retighten screws.

## 5.3 Relocate rear sight

Loosening screw, move sight carrier to the desired position and tighten screw.

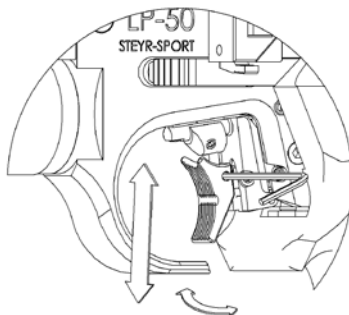
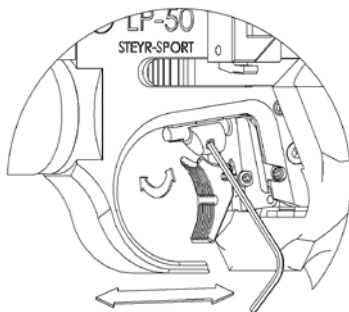


## 6 TRIGGER ADJUSTMENT

**PLEASE NOTE:** Before making any changes on the trigger, ensure that the weapon is **UNLOADED**.

### 6.1 Trigger blade adjustment

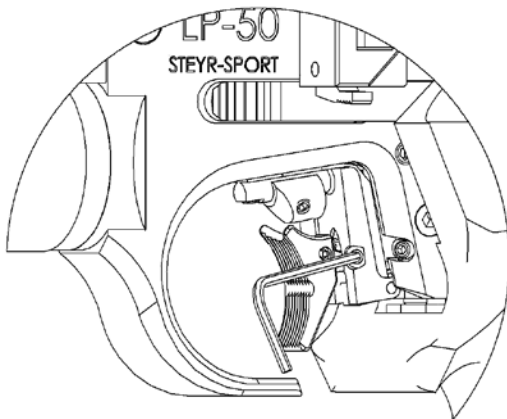
The trigger blade may be adjusted for length, height and angle.



## 6.2 Adjusting the trigger stop

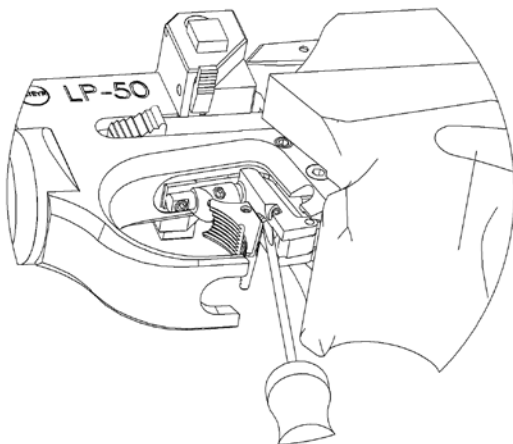
Turning the screw clockwise (as shown in the illustration) shortens the “after travel” of the trigger blade after shot release. Turning the screw anticlockwise lengthens the “after travel” after shot release.

**PLEASE NOTE:** Too fine adjustment of the trigger stop may cause inconsistent trigger weight and release.



### 6.3 Adjusting the trigger pull force

Turning the screw anticlockwise reduces the trigger pull force.  
Turning the screw clockwise increases the trigger pull force.

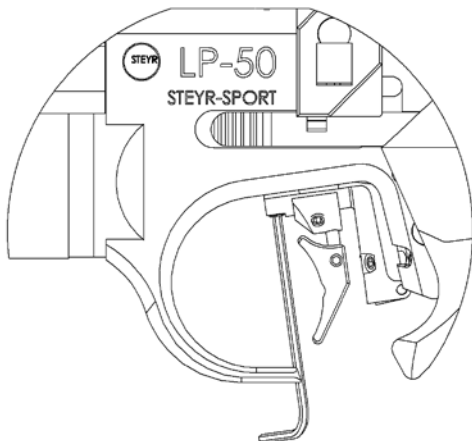


## 6.4 Adjusting the first stage travel

Turning the screw clockwise reduces the dead travel.

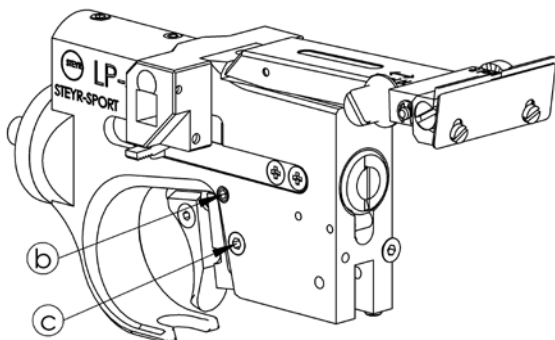
Turning the screw anticlockwise increases the dead travel.

**PLEASE NOTE:** Too fine adjustment of the first stage travel may cause inconsistent trigger weight and trigger release.



## 6.5 Replacing the trigger assembly

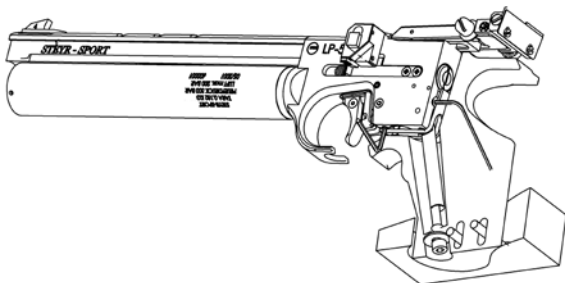
Remove grip by loosening the cheese head screw on bottom side of grip. Remove fastening screw. Remove clamping screw. Remove complete trigger assembly from casing. With the slides see page 28 retracted insert trigger assembly into the pistol casing and place it against the stop up to the front of the casing. Fasten clamping and fastening screw.



## 7 GRIP ADJUSTMENT

The grip is adjustable and pivotable to the weapon system in all directions and may be widely adapted to the shooters stance. For this purpose the grip has to be removed. Adjustment is achieved by means of the screws located at the bottom and the rear of the casing.

**PLEASE NOTE:** The two countersunk screws on the rear of the casing must always protrude at least 2.5 mm, to assure the velocity screw is clear of the grip.



**Please note implicitly:** When mounting the grip on a 1-shot-pistol, put in the plastic plate!

## 8 REPLACING AND REFILLING THE COMPRESSED-AIR CYLINDER

The compressed-air cylinders must be emptied and safely disposed of 10 years after production date. The production and disposal dates are noted on the compressed-air cylinder.

The legal requirements and rules of the respective country must be adhered to.

The compressed-air cylinder may be unscrewed and removed at any time without being emptied.

**WARNING: Do not tamper with compressed-air cylinder and valve. It may cause injury!**

The compressed-air cylinder is to be charged with a maximum filling pressure of 200 bar.

For recharging the cylinder proceed as follows:

- Either mount the compressed-air cylinder on a recharging bottle
- Or mount the compressed-air cylinder on a hand pump
- Or mount the compressed-air cylinder on a compressor



## 9 CLEANING, CARE AND SHOOTING-PERFORMANCE

In standard use the weapon operates maintenance-free and no oiling is required.

The only maintenance required is to slightly grease the O-ring in the loading port and the O-ring at the threaded adapter socket for the compressed-air cylinder with a special lubricant (acid-free silicone grease) every 1000 shots. This will increase the service life of the O-rings.

To clean the barrel shoot some dry (not greased) felt pellets or cleaning strings through the barrel (available at your dealer).

### **The STEYR SPORT shooting-performance**

Our gun barrels are manufactured based on the latest research and using high-quality steel. Our guns are characterised by excellent performance. But the precision is dependent on many other factors. By far the most important factor is the ammunition. Not all gun barrels give the same performance with the same ammunition. There can be significant differences. If the correct ammunition is chosen, we can guarantee outstanding performance of our guns. If you would like to check the precision with fixed barrels, please note that the weapon is only fixed in the area of the solid trigger.

## 10 GENERAL GUARANTEE CONDITIONS

Please look up our website  
[www.steyr-sport.com/en/guarantee-conditions](http://www.steyr-sport.com/en/guarantee-conditions)

## 11 PARTS LIST

Please look up our website [www.steyr-sport.com](http://www.steyr-sport.com)