

# Pressluftgewehr



**LG30**

**LG30 Junior**

*cal. .177 (4,5mm)*

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**Marketing/Vertrieb**

Carl Walther GmbH Sportwaffen  
P.O.BOX 27 40, D-59717 Arnsberg  
Tel. +49 29 32/6 38-100  
Fax +49 29 32/638-149

**Service/Technik**

Carl Walther GmbH Sportwaffen  
P.O.Box 43 25, D-89033 Ulm  
Tel. +49 7 31/15 39-0  
Fax +49 7 31/1539-109

## Preface:

Dear Customer,

Thank you for choosing one of our products. This is a sports gun of the highest quality, which we are sure will define sports weapon standards.

May your new air rifle give you lots of pleasure and contribute to your sporting success. Good shooting!

Your WALTHER Team

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### 1. Important information on handling firearms (safety instructions)

**Fully familiarize yourself with the technical properties of the gun, and learn how to handle and operate it correctly.**

Not all guns work the same way (especially with regard to the trigger, loading and unloading); you should therefore spend plenty of time getting to know the characteristics of your gun.

**Always keep the muzzle pointed in a safe direction.**

Never point the muzzle towards yourself or another person, even in dry training or in procedures such as loading or unloading. A safe direction means a direction in which no person or animal can be endangered and in which there are no objects which can ricochet the round or be penetrated.

**Firearms must always be unloaded if they are not going to be used immediately.**

If a gun is not going to be used immediately, it should never be kept loaded. Firearms and ammunition must be kept stored safely separate from one another, out of sight and reach of third parties, especially children, visitors, etc. The owner must ensure that unauthorized parties do not come into contact with the gun or the ammunition.

**Ensure that the barrel is free of foreign matter, dirt, grease, oil, water, etc. before firing.**

Even a small amount of dirt, excess grease or oil can damage the barrel and endanger you or others present. Always be sure that your ammunition is correct for the gun that you are using, in the correct caliber and in flawless quality.

**Before shooting, ensure that your target is perfectly safe.**

Never shoot before you are fully certain where the bullet will hit. Be fully sure that the bullet will be stopped directly behind the target, because it is still dangerous even at long distances. Take plenty of time to be absolutely sure before you pull the trigger.

**Always wear eye and ear protection when shooting.**

Every shooter and every person in the immediate vicinity must wear protective goggles and ear protectors; the noise can damage your hearing.

**Never carry a loaded weapon on your person.**

Only load the gun immediately before it is to be used. Never drop or throw a loaded gun.

**Never shoot at a hard surface or at water.**

The bullets could ricochet uncontrolled and injure you or a third party owing to their very high energy.

**Never transport a loaded firearm.**

Firearms must always be unloaded before being transported. A purpose-built case or sheath should be used for transporting firearms to and from the firing range.

**Firearms must never be used if alcohol or other drugs have been consumed.**

Alcohol, medication and other drugs affect your judgment, your physical condition and your ability to think and act. Such firearms use is punishable by law.

## 2. Warranty provisions

Improper alterations of the mechanical workings, damage caused by force and alterations by third parties release the manufacturer from all warranty claims.

Work on the gun may only be performed by specialists in this field.

## 3. Care

The metal parts must be treated after use for moisture with an acid-free gun oil. The moving parts, especially hammer and valve parts, have been treated at the factory with a long-life grease and don't have to be greased again. The interior of the barrel may only be cleaned using standard felt pellets, which are shot

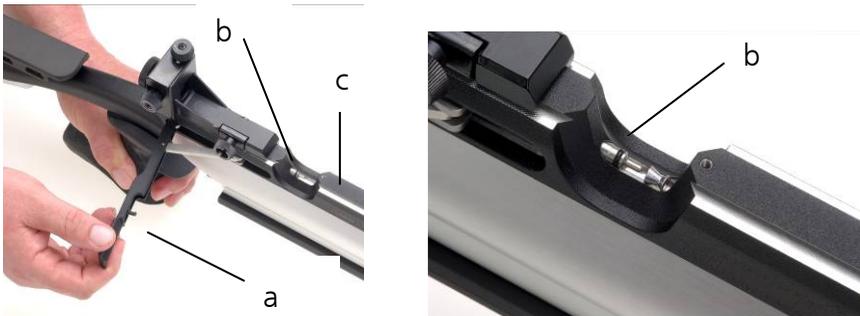
through the barrel. Under no circumstances should you pass a cleaning rod through the muzzle into the inside of the barrel.

Have your sports gun maintained regularly by a specialist to guarantee long-term flawless functioning.

## 4. Loading mechanism

### Cocking and loading

By cocking the loading lever (a), the loading pin (b) releases the loading recess and cocks the hammer.



Place the diabolo into the loading recess as shown in the figure and close the loading lever (a) until it is parallel with the receiver (c) again or has engaged. When the trigger is pulled, the pre-cocked hammer is released and opens the valve of the firing chamber. The pre-compressed air then propels the diabolo out of the barrel.

**Caution:** Pulling the trigger with an open or not correctly closed loading lever can cause damage!

**Caution:** Never put down a loaded gun. Never carry a loaded weapon on your person.

**Caution:** If the gun falls in a loaded or safety-off condition, the impact may cause a shot to be discharged.

## Unloading

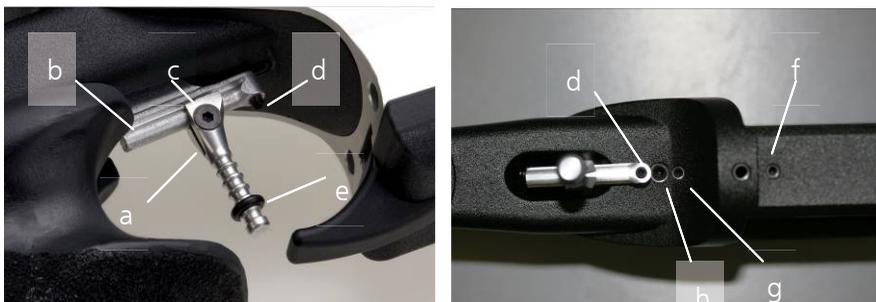
**Caution:** Observe the following instructions very closely so that potential accidents can be prevented.

Always point the muzzle in a safe direction. Keep your finger away from the trigger and outside the trigger guard.

Remove the bullet by pointing the muzzle in a safe direction and discharging the shot.

**Caution:** Before performing any adjustment, assembly, care or cleaning work, always check the gun to be sure it is unloaded and the barrel is free of diabolos and foreign matter. Always wear protective eyewear.

## 5. Trigger



### Trigger finger piece

The trigger finger piece (a) can be individually adjusted according to the shooter's trigger finger. After the screw (c) has been loosened, the trigger finger piece can be pushed forward or pulled back on the guide (b) and can be also be pivoted sideways. The height adjustment is made by moving the O-ring (e).

Another O-ring can be additionally mounted. The trigger finger piece is designed so that it can be used by both left-handed and right-handed marksmen. By fully removing the trigger finger piece and turning it by 180°, the length adjustment area can be extended in one direction.

### Trigger slack

The trigger slack, i.e. the path of the trigger finger piece (a) up to the pressure point, can be individually adjusted. The trigger slack is reduced by turning the screw (d) on the trigger finger piece to the right (clockwise). Turning the screw to the left (counterclockwise) produces a longer trigger slack.

### Trigger pull weight

The trigger pull weight can be individually adjusted without intervals. The trigger pull weight is increased by turning the screw (h) to the right (clockwise). Turning the screw to the left (counterclockwise) produces a lower trigger pull weight.

### Trigger pressure point

The pressure point is set at the factory to the optimal setting. If a correction is required, then by turning the screw (f) to the right (clockwise), you can achieve a dry, direct trigger pressure point. Turning the screw to the left (counterclockwise) sets a "sluggish" pressure point.

To shoot with trigger slack, avoid turning the screw too far to the right as this will neutralize the pressure point and it can no longer be felt and the hammer will no longer engage in the loading procedure.

### Trigger stop

A trigger stop can be set by turning the screw (g) to the right (clockwise). The trigger stop is disabled by turning to the left (counterclockwise).

### Direct trigger

To set the trigger to "direct", that is without trigger slack, the screw (f) is turned at least two rotations further to the left (counterclockwise) than described above for an optimal pressure point. That is, the screw no longer contacts. The pressure point can now be set as described above with the screw (d) on the trigger holder (b).

## 6. Sights

### Diopter mounting

Push the diopter on the prism guide and tighten hand-tight at the required eye base with the knurled screw. Further tightening, for example with a tool, is not necessary.

### Height and lateral adjusting screw

Adjustments are made using the two adjusting knobs. The impact point is adjusted by 0.5 mm at 10 m distance per click.

### Adjustment ranges

Height adjustment 10 mm, lateral adjustment 8 mm.

Excessive turning when making adjustments will impair the accuracy. The warranty will not be honored if the adjusting screw is excessively tightened.

### Turning direction

Height adjustment	= when firing high turn clockwise
	= when firing low turn counterclockwise
Lateral adjustment	= when firing to the right turn clockwise
	= when firing to the left turn counterclockwise

## 7. Compressed air cylinder

The LG30 Air Gun is equipped with a screw-on/screw-off compressed air cylinder, which is permitted for compressed air of max. 300 bar. It can be screwed off, filled or exchanged at any time.

**When refilling, use only oil- and water-free compressed air with a maximum pressure of 300 bar. Filled compressed air cylinders should never be subjected to temperatures over 50°C. The valve on the compressed air cylinder should not be altered. The provisions of the TRG (technical regulations relating to pressurized gas) for filling compressed air cylinders must be complied with.**

## Filling the compressed air cylinder

Screw the supplied adapter to the compressed air cylinder and tighten. Screw the compressed air cylinder off the sports gun and then screw it onto the adapter of the compressed air cylinder. Slowly open the cylinder valve of the refill cylinder and close again after approx. 1 minute. Screw off the filled compressed air cylinder and firmly screw it onto the gun by hand until it stops.

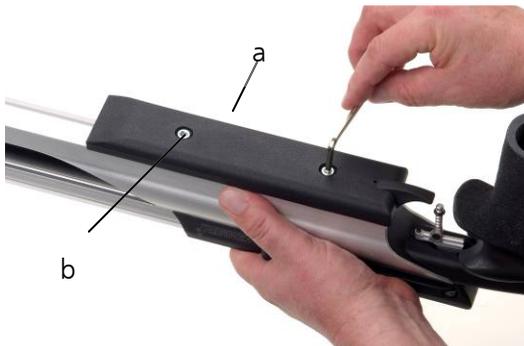
## Emptying the compressed air cylinder

The compressed air cylinder can be emptied with the supplied adapter. To do this it is screwed onto the cylinder until the air can be heard flowing out. Compressed air cylinders which are leaky, damaged or more than 10 years old should be emptied in a safe manner and not used or filled again. Ten years after the manufacturing date, the compressed air cylinder must be tested at the owner's expense or replaced. The manufacturing date is recorded on the cylinder.

## 8. Stock adjustment

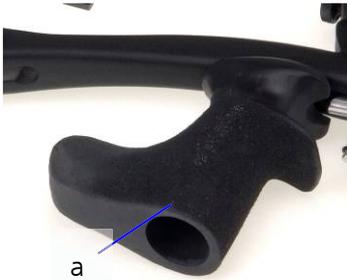
The specifications of the ISSF sports ordinance must be observed with all settings on the stock.

### Hand rest



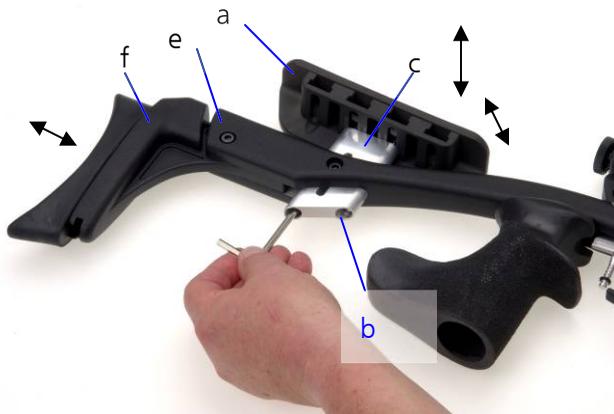
The hand rest (a) can be adjusted lengthways by loosening the two screws (b).  
Caution: When the hand rest is shifted forward, the integrated trigger guard is also shifted.

## Handle



The handle can be turned on its own axis by loosening the screw (a). The handle is designed as a universal handle. That is, it can be used by both left-handed and right-handed shooters.

## Cheek piece



The cheek piece (a) can be shifted laterally and diagonally by loosening the screws (b).

Four guide slots are integrated on the underside of the cheek piece (a), via which three different length positions can be set. Remove the groove stones from the respective guide slots and re-insert them in the required position. Tighten the screws (b) again.

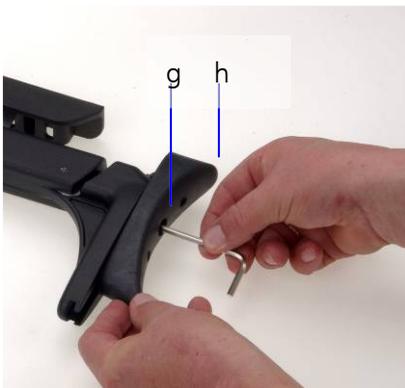
The height can be set to the required position by loosening the screw (d).



Stock extension (for positions, see figure above)

To adjust the length, loosen the screw (e), shift the stock cap (f) to the required position and tighten the screw again.

Stock cap



## Height adjustment:

Loosen screw (g), move the stock cap (h) to the required position and tighten the screw again.

## Turning the stock cap at an angle:

Loosen the screw (g) all the way and remove the stock cap (h). **The stock cap can be set on both sides in the angled positions 7° and 15°.** To do this, insert the spigot of the stock cap guide (i) into the corresponding hole of the stock cap (h). For the 7° position, turn the spigot of the stock cap guide (i) downwards. Then tighten the screw (g) again.

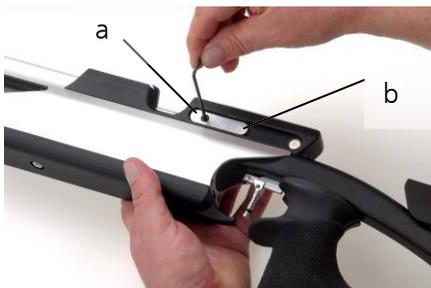
## Weight change

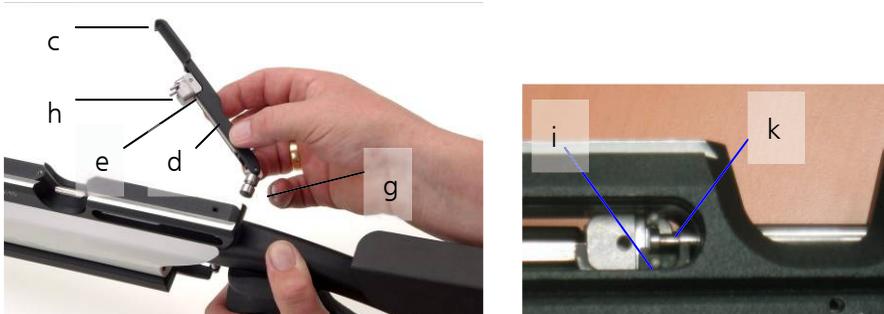
The eight recesses of the hand rest can be filled as required with the weight stones available as accessories in order to attain an optimal balance of the sports gun. The weights are positioned from above in the respective recess after the hand rest has been removed.

## 9. Right/left-handed use

The LG30 is designed as a universal gun. That is, it can be converted with very little effort from left to right-handed use.

### Loading mechanism

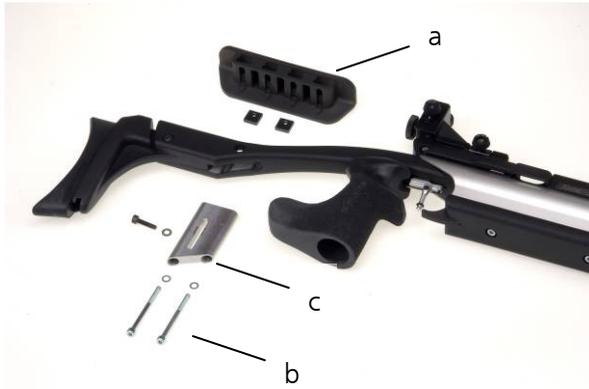




Unload the sports gun before changing the loading mechanism, as unintentional activation of the trigger with opened loading lever can cause damage. As the next step, the screw (a) and the cover (b) can then be removed. Then pivot out the loading lever (c), the loading bar (d) and the coupling piece (e) together (similar to the loading movement). After the screw (f) has been loosened (approx. 3 rotations counterclockwise), the pivot pin (g) can be pulled out of the hole with the attached parts and re-inserted on the opposite side. It must be ensured when inserting the coupling piece (e) that the lower of the two pins (h) enters the hole of the loader coupling (i) and the loader pin (k) lies in the catch stop of the loader coupling (i). Then fit the cover (b) on and tighten the screw (b) from the free side. Finally, push the pivot pin in against the butt stock and fix with the screw (f).

## Stock cheek

Changing the side of the stock cheek (a) is performed in the same way as the length positioning. As the stock cheek is symmetrically designed, it can be turned by 180° after the screws (b) have been loosened, after which it is screwed to the support (c) again.



## 10. Accessories

- Various tools
- Cleaning set
- Filling adapter for compressed air pump

## 11. Special accessories

- 274 51 00                      Weight stones for hand rest
- 263 24 11                      Compressed air cylinder, steel
- 262 07 15                      Refill cylinder, 300 bar

## 12. Technical data

Caliber	.177 (4.5 mm)
Overall length	1093 mm to 1142 mm
Overall width	45 mm
Overall height	without diopter approx. 205 mm
Overall weight	approx. 3.9 kg
Compressed air supply	operating pressure max. 300 bar
Propellant	compressed air
Barrel length	420 mm
Shot speed	approx. 170 m/s