

STRASSER

PASSIONATE INNOVATION

RS 14

RS 14 EVOLUTION

RS SOLO EVOLUTION

Operating Instructions

US Version

ATTENTION:

It is essential that you carefully read and understand this entire manual prior to handling, operating or otherwise using the firearm. This manual should always accompany this firearm and be transferred with the firearm upon change of ownership, or when the firearm is loaned to, presented to, or used by another person. Your authorized STRASSER dealer can answer any questions you may have that are not covered in this manual as well as show you how to properly use the STRASSER straight-pull bolt action rifle. Additionally, questions can be answered by contacting STRASSER customer service by emailing the customer service email found on the STRASSER website, www.hms-strasser.com.

These operating instructions, including all warnings, precautions and notes, apply to all STRASSER straight-pull bolt action rifle Models RS 14, RS 14 EVOLUTION and RS SOLO EVOLUTION!



GENERAL SAFETY RULES:

Carefully review and memorize the information presented in this section prior to handling, firing or otherwise using the firearm. Never place your fingers or hand in front of the muzzle. Never look into the muzzle. Never point the firearm at another person or at yourself. Any unauthorized use or manipulation of the firearm can cause serious injury or death. It is your responsibility to keep this firearm away from children, or those unfamiliar with its operation. HMS Präzisionstechnik GmbH ("Manufacturer") expressly disclaims liability for any and all accidents, injuries or other harm caused by negligence, misuse or failure to follow the instructions and information in this manual, including without limitation the improper mounting of scopes, drilling into the chamber of the barrel or any other kind of changes to the chamber of the barrel and manipulation or disassembling of the receiver, bolt and bolt head, beyond what is depicted in this manual.

Do not install any replacement parts, change or disassemble the trigger unit or use damaged or Non SAAMI or CIP-conforming ammunition.

Do not use ammunition which effects a „secondary-explosion-effect“ or ammunition which has a „blow-off-effect“ of the primer. Do not use ammunition that shows signs of damage, is dirty, grease lubricated, or has a protruding primer. Do not use ammunition with a weakened or corroded case, or ammunition that has been exposed to significant changes in temperature. Unauthorized use or manipulation of the weapon can cause serious injury or death.

The STRASSER RS Trigger is precisely adjusted at production and does not need any further modifications regarding sear engagement. The adjustment screw is sealed for safety reasons. Manipulating and adjusting its position is prohibited. If the sear is adjusted to reduce engagement, an unintended shot may be possible. To avoid such an incident, alteration of the sear engagement is prohibited unless performed by a specially trained technician from HMS Präzisionstechnik GmbH.

Regularly check the functionality of the trigger when the firearm is unloaded. Oxidized oil and foreign bodies can impact the performance of the firearm.

The STRASSER RS 14, RS 14 EVOLUTION and RS SOLO EVOLUTION have a combined trigger (direct and set trigger). Only a specially trained and qualified gunsmith may adjust the trigger adjustment screw (the set trigger has a red sealed adjustment screw).

WARNING:

ADDITIONAL WARNINGS!

WARNING: This product is a firearm and can be a lethal weapon. Failure to read, understand and follow the instructions and warnings in this manual may result in death, serious injury, damage to property or other harm.

WARNING: Always treat this firearm as if it is fully loaded.

WARNING: This firearm should be stored with the chamber empty. Failure to do so could result in an unintentional discharge.

WARNING: Keep out of reach of children. For increased safety, this firearm should be stored unloaded in a secure location that is not accessible by children or other unauthorized persons, with ammunition locked securely in a separate location.

WARNING: When you pull the trigger with a loaded firearm, you must expect the firearm to fire and take full responsibility for your actions.

WARNING: Read this entire manual before attempting to use this firearm. Safe operation of this firearm is your responsibility, and requires that you completely read and understand this manual.

The safety warnings contained herein are essential for the safe use of the firearm. It is important that all users understand the dangers inherent in the use of firearms and follow the instructions, warnings and precautions contained herein. Failure to heed any of these warnings may result in death or serious injury to you or others, as well as severe damage to the firearm or other property. The Manufacturer and any authorized dealer shall not be responsible in any manner whatsoever for malfunctioning of the firearm, physical injury, death, or property damage resulting in whole or in part from: 1) criminal, reckless, or negligent discharge; 2) improper or careless handling; 3) unauthorized modifications; 4) defective, improper, hand-loaded, or reloaded ammunition; 5) corrosion; 6) neglect; or 7) other influences beyond Manufacturer's direct and immediate control. This limitation applies regardless of whether liability is asserted on the basis of contract, negligence, or strict liability (including any failure to warn). Under no circumstance shall Manufacturer be liable for incidental or consequential damages, such as loss of use of property, commercial loss, and loss of earnings or profits.

STATE SPECIFIC WARNINGS

CALIFORNIA:

WARNING "Children are attracted to and can operate firearms that can cause severe injuries or death. Prevent child access by always keeping guns locked away and unloaded when not in use. If you keep a loaded firearm where a child obtains and improperly uses it, you may be fined or sent to prison."

ADVERTENCIA "A los niños atraen las armas de fuego y las pueden hacer funcionar. Ellos pueden causarse lesiones graves y la muerte. Evite que los niños tengan acceso a las armas de fuego guardándolas siempre con llave y descargadas cuando no las esté utilizando. Si usted tiene una arma de fuego cargada en un lugar en que un niño tiene acceso a ella y la usa indebidamente, le pueden dar una multa o enviarlo a la cárcel."

CONNECTICUT:

"UNLAWFUL STORAGE OF A LOADED FIREARM MAY RESULT IN IMPRISONMENT OR FINE."

FLORIDA:

"IT IS UNLAWFUL, AND PUNISHABLE BY IMPRISONMENT AND FINE, FOR ANY ADULT TO STORE OR LEAVE A FIREARM IN ANY PLACE WITHIN THE REACH OR EASY ACCESS OF A MINOR UNDER 18 YEARS OF AGE OR TO KNOWINGLY SELL OR OTHERWISE TRANSFER OWNERSHIP OR POSSESSION OF A FIREARM TO A MINOR OR A PERSON OF UNSOUND MIND."

MAINE:

"ENDANGERING THE WELFARE OF A CHILD IS A CRIME. IF YOU LEAVE A FIREARM AND AMMUNITION WITHIN EASY ACCESS OF A CHILD, YOU MAY BE SUBJECT TO FINE, IMPRISONMENT OR BOTH. KEEP FIREARMS AND AMMUNITION SEPARATE. KEEP FIREARMS AND AMMUNITION LOCKED UP. USE TRIGGER LOCKS."

MARYLAND:

"WARNING: Children can operate firearms which may cause death or serious injury. It is a crime to store or leave a loaded firearm in any location where an individual knew or should have known that an unsupervised minor would gain access to the firearm. Store your firearm responsibly!"

MASSACHUSETTS:

"WARNING FROM THE MASSACHUSETTS ATTORNEY GENERAL:

This firearm is not equipped with a device that fully blocks use by unauthorized users. More than 200,000 firearms like this one are stolen from their owners every year in the United States. In addition, there are more than a thousand suicides each year by younger children and teenagers who get access to firearms. Hundreds more die from accidental discharge. It is likely that many more children sustain serious wounds, or inflict such wounds accidentally on others. In order to limit the chance of such misuse, it is imperative that you keep this weapon locked in a secure place and take other steps necessary to limit the possibility of theft or accident. Failure to take reasonable preventative steps may result in innocent lives being lost, and in some circumstances may result in your liability for these deaths."

"IT IS UNLAWFUL TO STORE OR KEEP A FIREARM, RIFLE, SHOTGUN OR MACHINE GUN IN ANY PLACE UNLESS THAT WEAPON IS EQUIPPED WITH A TAMPER RESISTANT SAFETY DEVICE OR IS STORED OR KEPT IN A SECURELY LOCKED CONTAINER."

NEW JERSEY:

"IT IS A CRIMINAL OFFENSE TO LEAVE A LOADED FIREARM WITHIN EASY ACCESS OF A MINOR."

NEW YORK CITY, NY:

"THE USE OF A LOCKING DEVICE OR SAFETY LOCK IS ONLY ONE ASPECT OF RESPONSIBLE FIREARMS STORAGE. FOR INCREASED SAFETY, FIREARMS SHOULD BE STORED UNLOADED AND LOCKED IN A LOCATION THAT IS BOTH SEPARATE FROM THEIR AMMUNITION AND INACCESSIBLE TO CHILDREN AND OTHER UNAUTHORIZED PERSONS."

NORTH CAROLINA:

Any person who resides in the same premises as a minor, owns or possesses a firearm, and stores or leaves the firearm (i) in a condition that the firearm can be discharged and (ii) in a manner that the person knew or should have known that an unsupervised minor would be able to gain access to the firearm, is guilty of a Class 1 misdemeanor if a minor gains access to the firearm without the lawful permission of the minor's parents or a person having charge of the minor and the minor: (1) Possesses it in violation of G.S. 14-269.2(b) (2) Exhibits it in a public place in a careless, angry, or threatening manner; (3) Causes personal injury or death with it not in self defense; or (4) Uses it in the commission of a crime.

TEXAS:

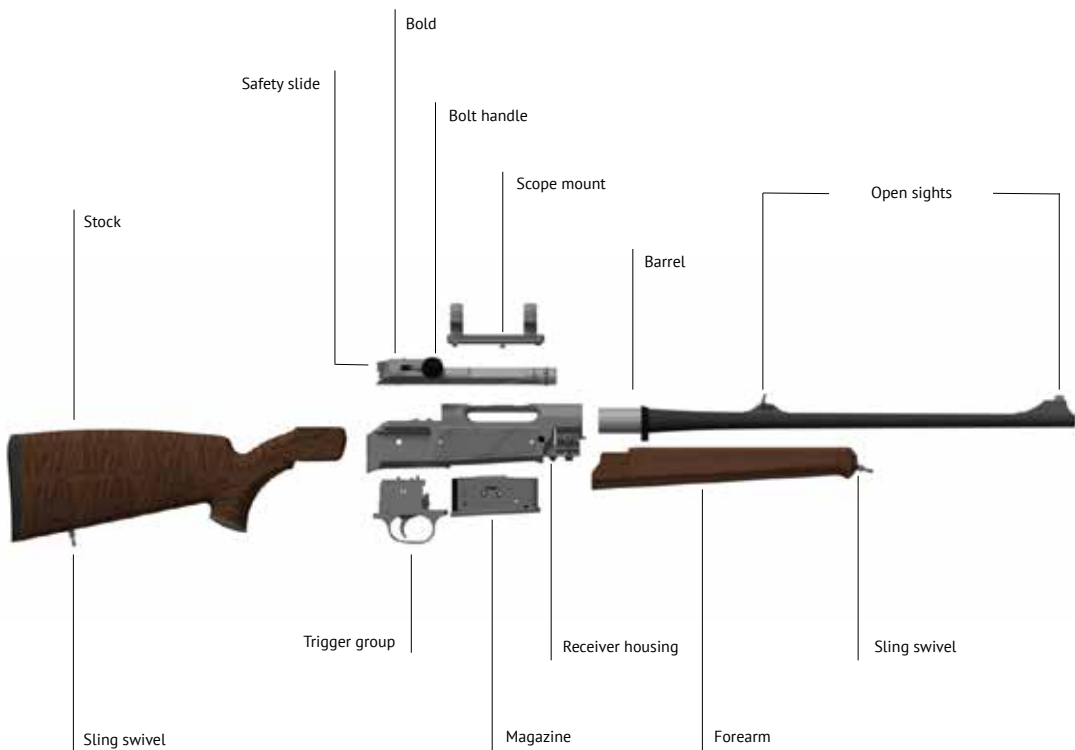
"IT IS UNLAWFUL TO STORE, TRANSPORT, OR ABANDON AN UNSECURED FIREARM IN A PLACE WHERE CHILDREN ARE LIKELY TO BE AND CAN OBTAIN ACCESS TO THE FIREARM."

WISCONSIN: "IF YOU LEAVE A LOADED FIREARM WITHIN THE REACH OR EASY ACCESS OF A CHILD YOU MAY BE FINED OR IMPRISONED OR BOTH IF THE CHILD IMPROPERLY DISCHARGES, POSSESSES, OR EXHIBITS THE FIREARM."

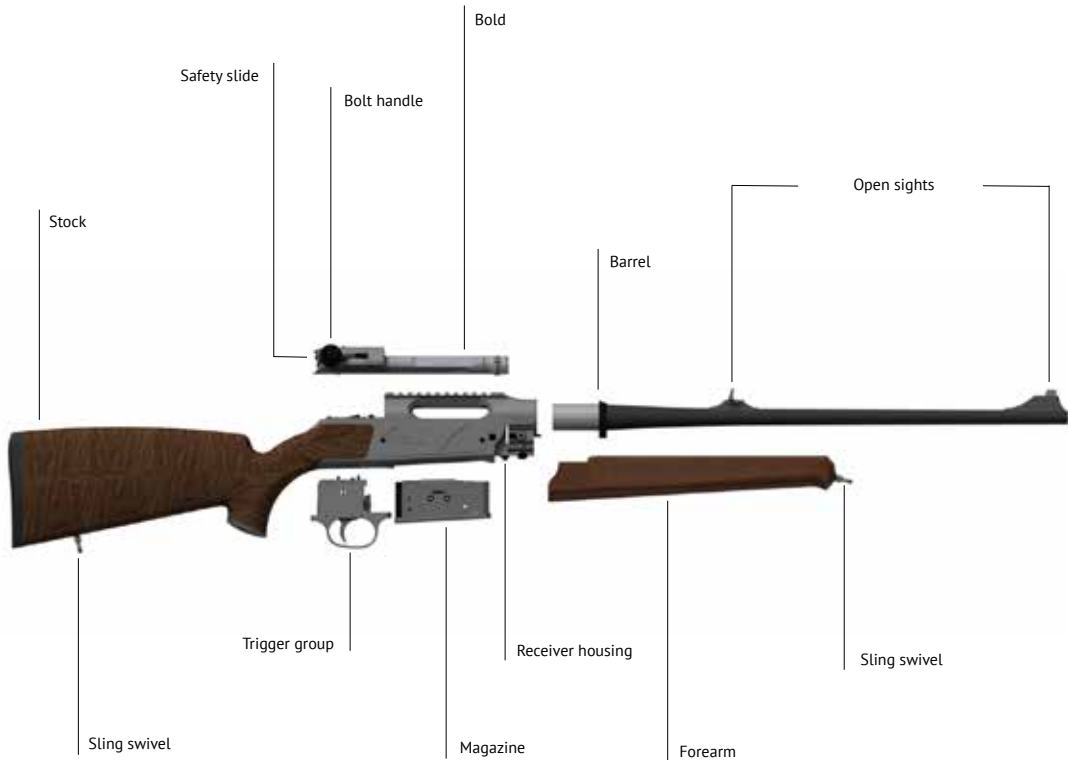
NOTE: These warnings are not intended to be exhaustive. Please check with your local licensed retailer, state or local law enforcement, or applicable state regulatory agency for additional warnings that may be required by local law or regulation. Such laws and regulations are subject to change and state and local authorities are best suited to advise you on applicable laws and regulations.

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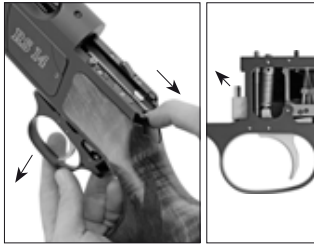
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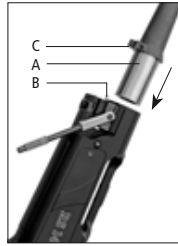
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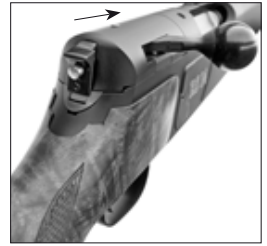
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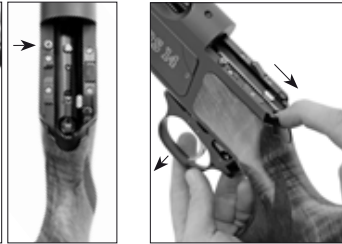
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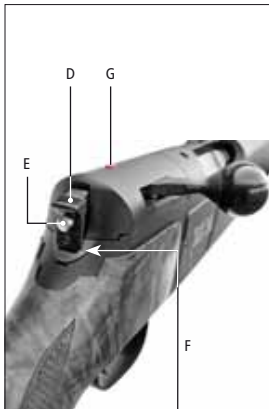


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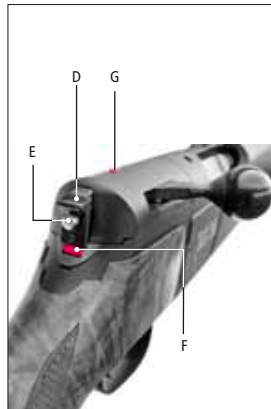
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The red mark below the slide is no longer visible!

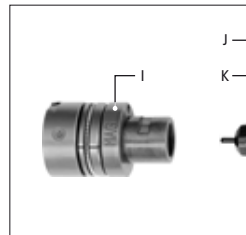
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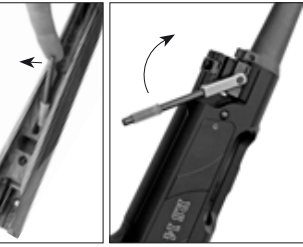


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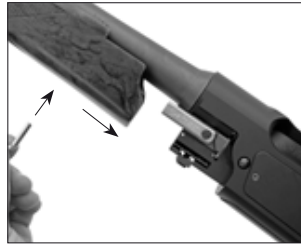


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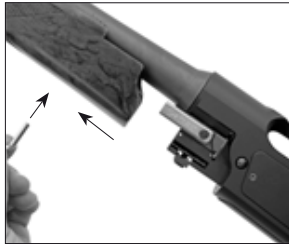
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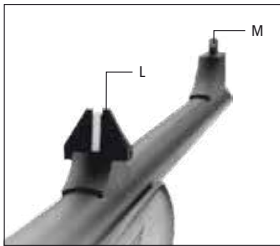
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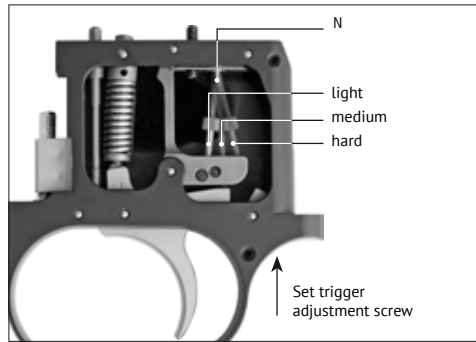
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1. Product-Definition

Your new STRASSER straight-pull bolt action rifle is a highly accurate hunting weapon engineered to a high level of user safety.

However, it is always the user's responsibility to exercise all necessary precautions and to fully comply with this instruction manual and all applicable laws and regulations regarding the safe use of firearms.

We congratulate you on your purchase of this product and wish you lots of fun and great successes with this weapon.

HMS Präzisionstechnik GmbH

2. General Safety Rules for Handling Weapons

Attention: Carefully read and understand this manual before using the firearm. Only transfer the firearm to another person together with these instructions.

In addition to this manual, please ask your authorized dealer for an in-depth explanation and instructions for the proper use and operation of your firearm.

- Firearms must only be operated by those persons who have been trained in their use and must be kept out of the hands of those who have not.
- Make sure that firearms and ammunition never fall into the hands of those forbidden by law to use them.
- Always store firearms separately from ammunition and locked away from those not authorized to have access to them.
- Obey all laws and regulations concerning the carrying and storage of firearms and ammunition.
- Become thoroughly familiar with the features of your firearm and practice performing all functions and manipulations with it unloaded before using it for the first time.
- Consider every firearm as loaded and ready to fire until you have opened the breech and visually checked the barrel chamber to determine otherwise. Always treat an unloaded firearm as if it were loaded.
- Always keep the muzzle pointed in a direction so that neither persons nor property would be endangered or damaged in case of an accidental discharge.
- Before loading the firearm, always check the chamber and bore to determine whether oil residue or foreign matter is present. Oil residue in the chamber or the bore could cause unpredictable shifts in point of impact. Foreign matter in the bore, e.g. water, snow or dirt, could cause the barrel to burst upon firing, leading to serious bodily injury or death to the shooter or bystanders. Always make sure that nothing can ever enter the bore whilst the firearm is in use.
- Only use ammunition loaded to conform to SAAMI or CIP standards for maximum breech pressure. A Government Proof House has proved each STRASSER RS Model with a load generating at least 30 % more pressure than the legal maximum allowed for that cartridge. No guarantee can be made for the safety of the shooter or any bystanders if a cartridge develops pressure beyond that of its Government proof load.
- Do not load your firearm until immediately before you intend to use it.
- Do not take the firearm off "Safe" until you are ready to fire. Point the barrel in a safe direction when taking the firearm off "Safe".
- Always check downrange before every shot.
- Only point your firearm at a target that you have clearly identified.
- Do not put your finger on the trigger until you are ready to fire.
- Fire only against a safe backstop.
- If a cartridge fails to fire, do not open the breech for at least 60 seconds and keep the muzzle pointed at a safe backstop. This will protect you and others in case of a hang-fire.
- Always wear hearing and eye protection when shooting.
- **Warning:** Risk of burns: Pay attention to your hands! Barrel becomes very hot with rapid shooting!

Unload your firearm ...

... before entering a city

... before entering a building,

... before getting into a vehicle,

... before crossing obstacles,

... before getting in and out of hunting blinds or hides,

... when putting down or handing over the weapon temporarily.

3. Assembly and disassembly

3.1 Assembly:

You will receive your STRASSER RS Model in a partially assembled condition. Continue with assembly as follows:

Fig. 1/1: Draw back the trigger group retainer in the rear of the receiver housing. Remove trigger group and Allen key stored there.

Fig. 1/2: Holding the stock and receiver upright, insert barrel (A) into the receiver ring until it stops, making sure that the indexing pin (B) engages the hole in the barrel flange (C).

Fig. 1/3: Insert the bolt from above into the hollow of the receiver housing. Close the breech halfway and rotate the bolt slightly to make sure that the bolt stop has snapped into the guide slot on the bolt body. This must be done before closing the bolt completely, ie., bringing the bolt into battery!

Fig. 1/4: There is a steel rod located in the forearm. Remove it, and insert the narrow end into the corresponding hole in the BEST™ barrel exchange clamp. Turn it (approx. 120°) toward the barrel until it stops. The barrel is now held in place.

Fig. 1/5: Slide the forearm from the front onto the receiver housing and, using only the 4 mm Allen wrench stored in the trigger group, turn the forearm mounting screw clockwise until it is hand-tight. Do not overtighten and do not use a larger Allen wrench than the one supplied! Holding the bolt in your support hand, pull the bolt handle back until it stops. Place the Allen key back into trigger group and insert trigger group into receiver housing until it snaps into place.

Fig. 1/6: Insert magazine into magazine well until it snaps into place.

WARNING: The bolt handle must be locked fully to the rear before the bolt can be inserted. The bolt cannot be inserted if the bolt handle is in a forward position.

WARNING: Always make sure during assembly that the bolt head and magazine(s) are correct for the caliber marked on the barrel.

3.2 Disassembly:

Fig. 2/1: Remove magazine.

Fig. 2/2: Pull bolt handle back and open breech halfway. Press in the bolt stop button found on the left inside of the receiver housing and remove bolt.

Fig. 2/3: Draw back the trigger group retainer in the rear of the receiver housing. Remove trigger group and Allen key stored there.

Fig. 2/4: Insert 4 mm Allen key stored in the trigger group into the hole in the bottom of the forearm and turn the key anti-clockwise until it stops. Remove Allen key and slide the forearm off toward the muzzle.

WARNING: Do not turn the forearm retaining screw in either direction unless the forearm is in place!

Fig. 2/5: Insert the steel rod stored in the forearm into the hole of the clamp lever and turn it (approx. 120°) toward the magazine well. The barrel is now free to be removed from the receiver housing. Remove barrel from the front.

4. Barrel exchange

There are three caliber groups (note, not all calibers are available in every country):

MIN (mini calibers):

.222 Rem., .223 Rem., .300 AAC Blackout

STA (standard calibers):

.22-250 Rem.1), .243 Win., 6 XC, 6,5 Creedmoor, 6,5-284 Norma¹⁾, 6,5x55SE, 6,5x65RWS, .270 Win., 7x64, 7 mm-08 Rem., .308 Win., .30-06, 8x57 IS, 8,5x63, 9,3x62

MAG (magnum calibers):

7 mm Rem. Mag., .300 Win. Mag., .375 Ruger; .338 Win. Mag.

¹⁾ Requires a special magazine

The bolt head must be replaced when changing caliber groups.

Only the barrel must be replaced when changing to calibers within the same group.

Make sure that you only use the correct magazine for a caliber group. The calibers for which a magazine is suitable are marked on the side of the magazine body.

ATTENTION: Make sure before assembly that the barrel shank and the inside of the receiver ring are clean and clear of foreign matter.

5. Safety and bolt handle lock

The STRASSER RS Model features an ergonomically designed vertical safety slide (D) that is locked by push-button (E) when on "Safe". It works directly on the striker for the maximum in safety.



Attention: Always keep your fingers clear of the trigger when moving the safety!

5.1 Put on "Safe"

Press the safety slide (D) downward until the button (E) engages. The red mark (F) below the slide (D) is no longer visible.

The STRASSER Model may also be put on "Safe" with the bolt open so that the rifle cannot fire as a round is being chambered.

5.2 Take off "Safe"

- Depress button (E) with your thumb and move safety slide upward until it stops.
- A red mark (F) below the slide is now visible. The rifle is now off "Safe".
- A red indicator pin (G) protrudes slightly when the rifle is cocked.

Opening a cocked rifle

- To open the breech on a cocked rifle, press in the safety button (E) with the thumb while at the same time pushing the safety slide to take off "Safe" and drawing back on the bolt handle.
- The striker can no longer reach the primer after the bolt handle has opened about 4°. The rifle can fire only when the breech is completely closed.

5.3 Bolt handle lock

The bolt handle lock reduces the chance of an inadvertent opening of the breech when the rifle is cocked, and the bolt is in battery.

6. Loading

- Clean oil from bore and chamber and check for foreign matter.
- Put rifle on "Safe".
- To remove the magazine, use the thumb and forefinger of one hand to depress simultaneously both release buttons found on each side of the receiver.
- Remove the magazine.
- Insert the cartridges one at a time under the feed lips and against the rear magazine wall and press into place.
- Make absolutely sure that the ammunition is correct for the caliber marked on both the barrel and the magazine.
- With the bolt closed, insert the magazine straight up into the magazine well until it audibly snaps into place.
- Pull the bolt handle all the way back and then forward again, until it stops. This strips a cartridge from the magazine and inserts it into the chamber.

Make sure that:

The red mark under the safety slide is not visible, the cocking indicator can be felt and the bolt handle is all the way forward. **The rifle is now loaded, cocked, on "Safe", in battery and locked against inadvertent opening.**



Attention: Never, under any circumstances, load a cartridge into the chamber (barrel) without a trigger assembly in the locking box (case).

Without a mounted trigger, a shot may go off. HMS Präzisionstechnik GmbH (STRASSER) does not accept any liability in case of damage.

7. Shooting and reloading

- Push upwards on the safety slide to take the rifle off "Safe".
- Take aim and pull the trigger. The rifle will fire.
- Reloading: Pull the bolt handle all the way back until it stops and then push it completely forward. Working the bolt from the shoulder is easy after a little practice.

ATTENTION: Always push the bolt handle forward until it stops, otherwise the disconnecter safety will not allow the cartridge to fire.

WARNING: The striker is cocked every time the bolt is cycled. When you interrupt or finish firing, always immediately put the rifle on "Safe" by pressing down on the safety slide.

WARNING: Do not take rifle off "Safe" until just before firing. If you do not take the shot, put immediately back on "Safe". If you take a shot and reload without firing, put the rifle immediately back on "Safe".

8. Unloading

- Remove magazine.
- Press on the safety slide button with your thumb while at the same time pulling back on the bolt handle until it stops. This extracts the cartridge from the chamber and ejects it.
- Make certain that the chamber is empty.

9. Exchanging bolt heads

The STRASSER RS Model has a safe and user-friendly straight-pull bolt system. To change to a different caliber group, it is necessary to exchange bolt heads (I).

Bolt head removal

- Unload rifle.
- Remove bolt.
- Lift up flap (J) and remove bolt head.

Bolt head replacement

- Insert the correct bolt head for the barrel caliber, so that the indexing pin (K) engages to allow the head to be seated fully against the bolt body.
- Close flap (J) until it snaps into place.

10. Open sights

Windage-adjustable rear leaf

- A 1.5 mm Allen wrench provides windage adjustment at the rear sight (K).
- **If rifle shoots too far left:** Loosen the right-hand screw and then tighten the left-hand one.
- **If rifle shoots too far right:** Loosen the left-hand screw and then tighten the right-hand one.

Elevation-adjustable front blade (M)

- A 1.5 mm Allen wrench provides elevation adjustment at the front sight (M).
- **If rifle shoots too high:** Turn elevation screw anti-clockwise.
- **If rifle shoots too low:** Turn elevation screw clockwise.

11. Trigger adjustment

The STRASSER RS features a combination set trigger. The single-stage, direct trigger pull can be changed to light/medium/heavy by repositioning the trigger spring pin (N). The trigger pull can further be lightened by use of the set trigger, which requires the user to take the conscious action of pushing the trigger forward, until it clicks. This is a safe and time-tested trigger mechanism which has been used in Europe since the 19th Century. To set the trigger, push it forward until it clicks. The release of the set trigger can be adjusted as low as 4 ounces by means of a screw behind the trigger guard. Be sure you understand the implications of using a trigger this light, and if you do not take a shot after setting the trigger, then you must unset it! To unset the trigger, operate the bolt. Since the trigger may be set regardless of whether the striker is cocked, an automatic interlock safely unsets the trigger when the bolt is actuated.

Remove trigger group

- Unload rifle.
- Remove bolt.
- Draw back the trigger group retainer in the rear of the receiver housing.
- Remove trigger group.

Adjusting trigger pull

- Grasp spring pin (N) with the thumb and forefinger and push it into the desired position detent.

Replace trigger group

- **With the bolt removed, slide the trigger group into the receiver housing until it snaps into place.**

12. Mounting an optical sight

Does not apply to STRASSER RS 14 Evolution models!

The STRASSER RS 14 is configured for our proprietary three-point ball-seat telescopic sight mount. Only one hand is required to remove or replace the scope. Three point ball-seat mount is designed for mounting optical sights with a weight up to approx. 700 g.

Attaching the scope

- Firmly hold the receiver housing in the left hand.
- Hold the main tube of the scope in the right hand.
- Insert the mount's spherical studs into their receiver recesses and hold in place.
- With the thumb of the right hand, rotate the locking lever forward until the mount is secured to the rifle.

Removing the scope

- Firmly hold the receiver housing in the left hand.
- Hold the main tube of the scope in the right hand.
- Use the thumb of your right hand to simultaneously depress the safety latch and swing the locking lever to the rear.

ATTENTION: Always make sure that all mounting surfaces are clean and free of oil or grease.

WARNING: If the distance between the eye and the telescope is very small or the weapon is not properly seated on the shoulder, injuries can not be ruled out when shooting with larger calibers. Especially with magnum calibers, attention must be paid to a correspondingly large, sufficient distance between riflescope and target eye or on the correct fit of the weapon on the shoulder.

13. Care and cleaning

Use only firearm-specific solvents, cleaners, oils and tools. Careful cleaning and preventive maintenance will ensure that your STRASSER rifle remains a reliable companion for many years to come.

Cleaning the barrel

The chamber, bore and barrel exterior must be cleaned and oiled after shooting, before long storage and after use in wet weather. **All traces of oil in chamber and bore must first be removed before firing.**

ATTENTION: Always clean the bore from the chamber end. Do not use steel bore brushes or acidic cleaning agents.

WARNING: Always heed the manufacturer's instructions and warnings provided with the gun care product!

Metal parts

Keep all metal parts clean and lightly oiled.

ATTENTION: Gun stock oil is not suitable for use on metal.

Stock wood

Rub gun stock oil into the forearm and butt stock several times a year.

ATTENTION: Weapons oil is not suitable for use on wood.

WARNING: The bolt and trigger assemblies of the STRASSER RS Model require little maintenance but oxidized lubricants could cause them to malfunction. Have your gunsmith inspect your rifle at regular intervals, before the shooting season and before travelling abroad.

14. Transport

The best and safest way to transport your rifle is with the STRASSER gun case featuring double-shell ABS construction and three combination locks.

The STRASSER case is especially designed for the RS 14 and RS 14 EVOLUTION Models and will accommodate two barrels, two large scopes and accessories. With a size of only 9x40x67 cm, it is as compact as the STRASSER rifle it holds.

STRASSER RS SOLO EVOLUTION



1. Product-Definition

Your new RS SOLO EVOLUTION straight-pull boltaction magazine rifle is a highly accurate hunting weapon engineered to a high level of user safety. Still, this must not under any circumstances tempt you to neglect exercising all necessary precautions or to disregard any applicable laws regarding the safe use of firearms.

We congratulate you on your purchase of this product and wish you lots of fun and great successes with this weapon.

HMS Präzisionstechnik GmbH

2. General Safety Rules for Handling Weapons

Attention: Carefully read this manual before using the gun.
Only pass the gun on together with these instructions.

In addition to this manual, please ask your specialized dealer for an in-depth explanation of your gun and an instruction on its proper use.

- Firearms must only be operated by those persons who have been trained in their use and must be kept out of the hands of those who have not.
- Make sure that firearms and ammunition never fall into the hands of those forbidden by law to use them.
- Always store firearms separately from ammunition and locked away from those not authorized to have access to them.
- Obey all laws and regulations concerning the carrying and storage of firearms and ammunition.
- Become thoroughly familiar with the features of your firearm and practice performing all functions and manipulations with it unloaded before using it for the first time.
- Consider every firearm as loaded and ready to fire until you have opened the breech and visually checked the barrel chamber to determine otherwise. Always treat an unloaded firearm as if it were loaded.
- Always keep the muzzle pointed in a direction so that neither persons nor property would be endangered or damaged in case of an accidental discharge.
- Before loading the firearm, always check the chamber and bore to determine whether oil residue or foreign matter is present. Oil residue in the chamber or the bore could cause unpredictable shifts in point of impact. Foreign matter in the bore, e.g. water, snow or dirt, could cause the barrel to burst upon firing, leading to serious bodily injury or death to the shooter or bystanders. Always make sure that nothing can ever enter the bore whilst the firearm is in use.
- Only use ammunition loaded to conform to SAAMI or CIP standards for maximum breech pressure. A Government Proof House has proved each STRASSER RS Model with a load generating at least 30 % more pressure than the legal maximum allowed for that cartridge. No guarantee can be made for the safety of the shooter or any bystanders if a cartridge develops pressure beyond that of its Government proof load.
- Do not load your firearm until immediately before you intend to use it.
- Do not take the firearm off "Safe" until you are ready to fire. Point the barrel in a safe direction when taking the firearm off "Safe".
- Always check downrange before every shot.
- Only point your firearm at a target that you have clearly identified.
- Do not put your finger on the trigger until you are ready to fire.
- Fire only against a safe backstop.
- If a cartridge fails to fire, do not open the breech for at least 60 seconds and keep the muzzle pointed at a safe backstop. This will protect you and others in case of a hang-fire.
- Always wear hearing and eye protection when shooting.
- **Warning:** Risk of burns: Pay attention to your hands! Barrel becomes very hot with rapid shooting!

Unload your firearm ...

... before entering a city

... before entering a building,

... before getting into a vehicle,

... before crossing obstacles,

... before getting in and out of hunting blinds or hides,

... when putting down or handing over the weapon temporarily.

3. Assembly and disassembly

3.1 Assembly:

You will receive your STRASSER RS Model in a partially assembled condition. Continue with assembly as follows:

Fig. 1/1: Draw back the trigger group retainer in the rear of the receiver housing. Remove trigger group and Allen key stored there.

Fig. 1/3: Insert the bolt from above into the hollow of the receiver housing. Close the breech halfway and rotate the bolt slightly to make sure that the bolt stop has snapped into the guide slot on the bolt body. This must be done before closing the bolt completely, ie., bringing the bolt into battery!

Fig. 1/5: Slide the forearm from the front onto the receiver housing and, using only the 4 mm Allen wrench stored in the trigger group, turn the forearm mounting screw clockwise until it is hand-tight. Do not overtighten and do not use a larger Allen wrench than the one supplied! Holding the bolt in your support hand, pull the bolt handle back until it stops. Place the Allen key back into trigger group and insert trigger group into receiver housing until it snaps into place.

Fig. 1/6: Insert magazine into magazine well until it snaps into place.

WARNING: The bolt handle must be locked fully to the rear before the bolt can be inserted. The bolt cannot be inserted if the bolt handle is in a forward position.

3.2 Disassembly:

Fig. 2/1: Remove magazine.

Fig. 2/2: Pull bolt handle back and open breech halfway. Press in the bolt stop button found on the left inside of the receiver housing and remove bolt.

Fig. 2/3: Draw back the trigger group retainer in the rear of the receiver housing. Remove trigger group and Allen key stored there.

Fig. 2/4: Insert 4 mm Allen key stored in the trigger group into the hole in the bottom of the forearm and turn the key anti-clockwise until it stops. Remove Allen key and slide the forearm off toward the muzzle.

WARNING: Do not turn the forearm retaining screw in either direction unless the forearm is in place!

4. Safety and bolt handle lock

The STRASSER RS Model features an ergonomically designed vertical safety slide (D) that is locked by push-button (E) when on "Safe". It works directly on the striker for the maximum in safety.



Attention: Always keep your fingers clear of the trigger when moving the safety!

4.1 Put on "Safe"

Press the safety slide (D) downward until the button (E) engages. The red mark (F) below the slide (D) is no longer visible.

The STRASSER Model may also be put on "Safe" with the bolt open so that the rifle cannot fire as a round is being chambered.

4.2 Take off "Safe"

- Depress button (E) with your thumb and move safety slide upward until it stops.
- A red mark (F) below the slide is now visible. The rifle is now off "Safe".
- A red indicator pin (G) protrudes slightly when the rifle is cocked.

Opening a cocked rifle

- To open the breech on a cocked rifle, press in the safety button (E) with the thumb while at the same time pushing the safety slide to take off "Safe" and drawing back on the bolt handle.
- The striker can no longer reach the primer after the bolt handle has opened about 4°. The rifle can fire only when the breech is completely closed.

4.3 Bolt handle lock

The bolt handle lock reduces the chance of an inadvertent opening of the breech when the rifle is cocked, and the bolt is in battery.

5. Loading

- Clean oil from bore and chamber and check for foreign matter.
- Put rifle on "Safe".
- To remove the magazine, use the thumb and forefinger of one hand to depress simultaneously both release buttons found on each side of the receiver.
- Remove the magazine.
- Insert the cartridges one at a time under the feed lips and against the rear magazine wall and press into place.
- Make absolutely sure that the ammunition is correct for the caliber marked on both the barrel and the magazine.
- With the bolt closed, insert the magazine straight up into the magazine well until it audibly snaps into place.
- Pull the bolt handle all the way back and then forward again, until it stops. This strips a cartridge from the magazine and inserts it into the chamber.

Make sure that:

The red mark under the safety slide is not visible, the cocking indicator can be felt and the bolt handle is all the way forward. **The rifle is now loaded, cocked, on "Safe", in battery and locked against inadvertent opening.**



Attention: Never, under any circumstances, load a cartridge into the chamber (barrel) without a trigger assembly in the locking box (case).

Without a mounted trigger, a shot may go off. HMS Präzisionstechnik GmbH (STRASSER) does not accept any liability in case of damage.

6. Shooting and reloading

- Push upwards on the safety slide to take the rifle off "Safe".
- Take aim and pull the trigger. The rifle will fire.
- Reloading: Pull the bolt handle all the way back until it stops and then push it completely forward. Working the bolt from the shoulder is easy after a little practice.

ATTENTION: Always push the bolt handle forward until it stops, otherwise the disconnecter safety will not allow the cartridge to fire.

WARNING: The striker is cocked every time the bolt is cycled. When you interrupt or finish firing, always immediately put the rifle on "Safe" by pressing down on the safety slide.

WARNING: Do not take rifle off "Safe" until just before firing. If you do not take the shot, put immediately back on "Safe". If you take a shot and reload without firing, put the rifle immediately back on "Safe".

7. Unloading

- Remove magazine.
- Press on the safety slide button with your thumb while at the same time pulling back on the bolt handle until it stops. This extracts the cartridge from the chamber and ejects it.
- Make certain that the chamber is empty.

8. Open sights

Windage-adjustable rear leaf

- A 1.5 mm Allen wrench provides windage adjustment at the rear sight (K).
- **If rifle shoots too far left:** Loosen the right-hand screw and then tighten the left-hand one.
- **If rifle shoots too far right:** Loosen the left-hand screw and then tighten the right-hand one.

Elevation-adjustable front blade (M)

- A 1.5 mm Allen wrench provides elevation adjustment at the front sight (M).
- **If rifle shoots too high:** Turn elevation screw anti-clockwise.
- **If rifle shoots too low:** Turn elevation screw clockwise.

9. Trigger adjustment

The STRASSER RS features a combination set trigger. The single-stage, direct trigger pull can be changed to light/medium/heavy by repositioning the trigger spring pin (N). The trigger pull can further be lightened by use of the set trigger, which requires the user to take the conscious action of pushing the trigger forward, until it clicks. This is a safe and time-tested trigger mechanism which has been used in Europe since the 19th Century. To set the trigger, push it forward until it clicks. The release of the set trigger can be adjusted as low as 4 ounces by means of a screw behind the trigger guard. Be sure you understand the implications of using a trigger this light, and if you do not take a shot after setting the trigger, then you must unset it! To unset the trigger, operate the bolt. Since the trigger may be set regardless of whether the striker is cocked, an automatic interlock safely unsets the trigger when the bolt is actuated.

Remove trigger group

- Unload rifle.
- Remove bolt.
- Draw back the trigger group retainer in the rear of the receiver housing.
- Remove trigger group.

Adjusting trigger pull

- Grasp spring pin (N) with the thumb and forefinger and push it into the desired position detent.

Replace trigger group

- **With the bolt removed, slide the trigger group into the receiver housing until it snaps into place.**

10. Care and cleaning

Use only firearm-specific solvents, cleaners, oils and tools. Careful cleaning and preventive maintenance will ensure that your STRASSER rifle remains a reliable companion for many years to come.

Cleaning the barrel

The chamber, bore and barrel exterior must be cleaned and oiled after shooting, before long storage and after use in wet weather. **All traces of oil in chamber and bore must first be removed before firing.**

ATTENTION: Always clean the bore from the chamber end. Do not use steel bore brushes or acidic cleaning agents.

WARNING: Always heed the manufacturer's instructions and warnings provided with the gun care product!

Metal parts

Keep all metal parts clean and lightly oiled.

ATTENTION: Gun stock oil is not suitable for use on metal.

Stock wood

Rub gun stock oil into the forearm and butt stock several times a year.

ATTENTION: Weapons oil is not suitable for use on wood.

WARNING: The bolt and trigger assemblies of the STRASSER RS Model require little maintenance but oxidized lubricants could cause them to malfunction. Have your gunsmith inspect your rifle at regular intervals, before the shooting season and before travelling abroad.

11. Transport

We recommend using STRASSER's soft case as a transport protection for the RS SOLO EVOLUTION. This soft case can be secured by a combination lock (not included in delivery contents).

Conditions of Warranty

1. Manufacturer's Warranty

This warranty of the HMS Präzisionstechnik GmbH excludes, if applicable, whatever warranty performance the dealer might be prescribed by law to give at his own expense. The warranty extends only to the first purchaser provided he is also a resident of the country where the rifle was bought. The warranty extends only to the metal and synthetic parts of the rifle and to the original STRASSER three-point ball-seat scope mount, but not to any optical or other sight fitted therewith. Since all wooden parts of the rifle require special care and they, of natural material, also undergo a natural transformation, wooden parts are excluded from this warranty. The warranty period is for three years beginning with the date of purchase and covers all defects and damage to the rifle's metal and synthetic parts that prove to be caused by defective materials or manufacturing errors. Under such conditions, the manufacturer absorbs the costs of materials and labour. For performance on warranty claims, the rifle must first be delivered through an authorised STRASSER dealer. The customer carries risk and cost of carriage, both ways. Warranty performance is the manufacturer's choice whether to repair or replace defective parts. Any defective parts replaced remain as property of the manufacturer.

2. Accuracy guarantee

The accuracy of a firearm is dependent upon many factors. The most important factor is the ammunition. Not every barrel shoots equally well with every ammunition sort and there can be significant differences in performance. The optical sight and its mount are equally important. Parallax, loose reticles, defective reticle adjustments and an inferior mount are the most common causes of poor shooting. That is why you should use major brand optics mounted by a qualified gunsmith. Try out several different sorts of ammunition to find out which one is best for your rifle. Ammunition of the same manufacturer and formulation may show varying degrees of accuracy and points of impact from one lot and from one rifle to another. With an optimal combination of ammunition, sight and mount, we guarantee an outstanding accuracy for our rifles. Claims regarding accuracy must be made in writing within 30 days of the date of sale. We reserve the right to engage the services of an independent institute such as DEVA or a government proof house to conduct the inspection and testing.

3. Scope of Warranty

Warranty performance does not effect or imply, neither for the rifle nor for the installed replacement parts, a renewal of the warranty or an extension of the warranty period. The warranty period for installed replacement parts ends with the warranty period for the entire rifle.

4. Exclusions

This warranty does not apply to:

- Damage due to force majeure or environmental impact.
- Repairs, modifications or other work performed by unauthorised parties.
- Use of reloaded ammunition or ammunition not approved by the CIP.
- Damage as a result of normal wear, of disregard for the operating instructions or of improper use or manipulation; or how that represents mechanical damage of any art.

The warranty does not cover optical sights or mounts made by other than HMS Präzisionstechnik GmbH. Further or other claims, especially those for compensation for subsequent damages beyond those to the rifle itself, are, unless a legal liability is mandatory, excluded from this warranty.



Country-specific deviations of the versions possible. | Technical changes, typographical errors and errors excepted.
STRASSER hunting and sports guns will only be supplied to persons in possession of the necessary purchasing licence and only
via STRASSER's authorised specialist shops!

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