



GRETTA

TECHNICAL SUPPORT
EFFEBI SRL di F. BERETTA
ITALY



Revolver Safety & Instruction Manual

⚠ WARNING

BEFORE USING THIS FIREARM. CAREFULLY READ THIS MANUAL IN ITS ENTIRETY. UNDERSTAND AND FOLLOW ALL INSTRUCTIONS AND WARNINGS. A COPY OF THIS MANUAL IS AVAILABLE FREE VIA DOWNLOAD FROM WWW.GRETTAGUNWORKS.COM OR UPON REQUEST FROM GRETTA

CUSTOMER SERVICE BY CALLING 9625101315



**.32revolver thunder
combat pro (7 shot)**



**.32revolver thunder
combat pro (7 shot)**



**.32 Revolver Thunder
Combat (7 Shot)**



**.357 Magnum
Sniper (8 shots)**



**.357 Magnum
Sniper (6 shots)**



TECHNICAL SUPPORT
EFFEBI SRL di F. Beretta
ITALY



CERTIFICATE



सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय
MINISTRY OF
MICRO, SMALL &
MEDIUM ENTERPRISES



CERTIFICATE

ZED BRONZE

under MSME Sustainable (ZED) Certification Scheme
awarded to

GRETTA GUN WORKS PRIVATE LIMITED

UNIT NAME

Flat No:- C - 178, Building:- GRETTA GUN WORKS PVT. LTD., Road/Street:- MAYAPURI,
Village/Town:- MAYAPURI, Block:- PHASE 2, City:- NEW DELHI, WEST, DELHI-110064

UNIT ADDRESS

**25-Manufacture of fabricated metal products, except machinery and
equipment**

CODE (AS PER NIC-2088)

UDYAM-DL-11-0016772

UDYAM REGISTRATION NUMBER

Issued on :
June 21, 2023

Certificate Validity :
Three years from the date of issue



Certificate No. 21062023_043426

This Certificate has been awarded after fulfilling all relevant requirements as laid down in the MSME Sustainable (ZED) Certification Scheme Guidelines for this Certification Level.
Award of this Certificate does not substitute any legal requirement needed for setting up or operating an MSME Unit.

CERTIFICATE

CERTIFICATE NO:
DIPP113069



#startupindia

CERTIFICATE OF RECOGNITION

This is to certify that Greta Gun Works Private Limited incorporated as a Private Limited Company on 17-10-2018 is recognized as a startup by the Department for Promotion of Industry and Internal Trade. The startup is working in 'Aeronautics Aerospace & Defence' Industry and 'Defence Equipment' sector as self-certified by them.

This certificate shall only be valid for the Entity up to Ten years from the date of its incorporation only if its turnover for any of the financial years has not exceeded 100 Cr.

01-11-2022
DATE OF ISSUE

16-10-2028
VALID UPTO

CERTIFICATE



CERTIFICATE OF REGISTRATION

This is to Certify that The Quality Management System of

GRETTA GUN WORKS PRIVATE LIMITED

C - 178, MAYAPURI, PHASE - II, NEW DELHI - 110064, INDIA

has been assessed and found to be in accordance with the requirements of the system standard

ISO 9001 : 2015

For the scope of activities described below

**MANUFACTURER OF ARMS & AMMUNITION, ARMS,
HANDGUNS, BLANK WEAPONS AND OTHER FIREARMS**

Certificate No.: IBP2412957

Issue Date : 19/02/2025

1st Surveillance Audit due on : 18/01/2026

Expiry Date : 18/02/2028

2nd Surveillance Audit due on : 18/01/2027

Validity of this certificate is subject to successful completion of surveillance audit on or before due date,
in case surveillance audit not conducted this certificate shall be suspended



Singh
DIRECTOR

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Industry Outlook TOP 10
DEFENCE EQUIPMENT
MANUFACTURERS 2024

GRETTA GUN WORKS

EMPOWERING INDIA'S DEFENSE WITH CUTTING-EDGE TECHNOLOGY

The Indian defense equipment sector has undergone significant growth in recent years, propelled by the government's Atmanirbhar Bharat initiative, which emphasizes local manufacturing over imports. This shift aims to establish a robust domestic defense manufacturing base that meets the evolving needs of the armed forces. However, many defense customers in India face challenges with imported equipment that often necessitates expensive modifications to adapt to the country's diverse and demanding environments. In response to these challenges, Gretta Gun Works Private Limited is committed to producing internationally standardized firearms utilizing the latest technology, positioning itself as one of India's largest small weapons manufacturers.



Gretta Gun Works is a leading defense manufacturer, delivering innovative, indigenous solutions tailored for India's armed forces

Since its inception, Gretta Gun Works has rapidly emerged as a key player in India's defense manufacturing sector. Founded with a vision to support the Atmanirbhar Bharat initiative, the company has achieved ₹20 crore in sales within just 18 months, a testament to its ability to meet the demands of the armed forces. The company has distinguished itself by offering world-class, indigenous defense solutions tailored to India's specific environmental and operational challenges. The company's

strategic technical support with Italy has further strengthened its technical expertise, keeping it at the forefront of global defense innovations. With a growing portfolio of contracts with major defense organizations, the firm continues to scale rapidly, delivering reliable, high-performance equipment while focusing on future innovations like AI-driven targeting systems and smart weapons.

Tailored defense solutions for India's armed forces

Gretta Gun Works specializes in designing and manufacturing indigenous small firearms and modular weapon systems that are built to withstand extreme climates and rugged terrains. Utilizing advanced technologies like CNC machining and laser cutting, the firm ensures precision and durability in every product. Its portfolio includes lightweight, ergonomic weapons that enhance user mobility and adaptability in the field. In addition to manufacturing, the company provides a complete range of client services, from personalized consultations to help select the right equipment. "Gretta Gun Works' in-house production allows for seamless integration with clients' existing systems, ensuring smooth operational efficiency," says Amandeep Kaur Dhawan, Director & CEO.

Gretta Gun Works stands out in the defense manufacturing sector with its unique approach to product development and customer engagement. By prioritizing local production, the company supports national security and reduces the country's reliance on foreign imports, positioning itself at the forefront of this growing industry. Additionally, the firm's focus on indigenous solutions aligns with the Atmanirbhar Bharat initiative, offering



Amandeep Kaur Dhawan
Director & CEO

equipment specifically designed for the needs of India's armed forces rather than relying on imported technology that often requires costly modifications. The company's rigorous quality control process, which includes multiple rounds of testing, ensures that each product meets international standards and exceeds client expectations. By offering continuous post-delivery support, including training and technical assistance, Gretta Gun Works ensures that their equipment operates at peak performance throughout its lifecycle, setting a high benchmark for innovation and reliability in the defense sector.

Gretta Gun Works is focused on innovation and expansion, with plans to integrate advanced technologies like AI-driven targeting systems and smart weapons into its product lineup. Committed to the Atmanirbhar Bharat initiative, the company will continue developing indigenous solutions that meet international standards, ensuring competitiveness in both domestic and global markets. As Gretta Gun Works expands its portfolio, the goal is to set new benchmarks for quality, innovation, and performance, strengthening its leadership position in India's defense manufacturing sector. ■

AWARD

Chief Guest
Smt. Hema Malini

**Young Entrepreneur
of the Year**

Amandeep Kaur
CEO
Greeta Gun Works Private Limited

**STAR INTERNATIONAL
MSME FORUM PRESENTS**

MSME MANUFACTURER &
SERVICE PROVIDER
CONCLAVE 2.0
Promotion, Finance & Development

**POWERING MSMEs IN THE
NEXT DECADE OF GROWTH**

7 Feb, 2023/ Hotel La Meridian, New Delhi

Contact: 9667121964 / 8750847085

GRETTA Revolver Model Thunder Combat Pro

Safety & Instruction Manual

WARNING

BEFORE USING THIS FIREARM. CAREFULLY READ THIS MANUAL IN ITS ENTIRETY. UNDERSTAND AND FOLLOW ALL INSTRUCTIONS AND WARNINGS. A COPY OF THIS MANUAL IS AVAILABLE FREE VIA DOWNLOAD FROM WWW.GRETTAGUNWORKS.COM OR UPON REQUEST FROM GRETTA CUSTOMER SERVICE BY CALLING 9625101315. IF THERE IS ANYTHING IN THIS MANUAL YOU DO NOT UNDERSTAND, ASK YOUR RETAILER OR CALL GRETTA AT 9625101315.

HOW TO USE THIS MANUAL

This manual is not a comprehensive guide to firearm safety. Gretta highly recommends that new shooters seek professional training from qualified instructors prior to handling any firearm. To help ensure safe and long-term enjoyment of a Gretta firearm, this manual should be read in its entirety and thoroughly understood.

Safety

Carefully review the information presented in this Section and commit it to memory prior to loading, Firing or otherwise handling or using a firearm.

Specifications

Primary Product specifications are included in this section. Additionally, this section will have information if a procedure relates to more than one model, or if it is important to note differences between similar models.

Operation

This section includes descriptions of basic operations such as loading, unloading and clearing. Operations are presented in a sequential, step-by step format. Exploded diagrams are provided for reference to help identify components and understand correct procedures of important functions. Please note that some illustrations may differ in appearance between models. This should

not be of concern as the procedure itself remains accurate in such instances.

Care

A dedicated maintenance schedule should be followed to help ensure that your Gretta firearm performs at its best. Performing preventative maintenance is not only an essential safety practice, it is necessary to help ensure the longevity of a firearm. This section of the manual includes cleaning and lubrication instructions for each Gretta model as well as instructions regarding long term storage. Adhering to these instructions will undoubtedly help extend the life of a Gretta firearm.

Support

Refer to this section for information on warranty coverage, available parts, product diagrams, Custom Shop treatments, customer service and returning a firearm.

ADDITIONAL ASSISTANCE

If a question or concern is not addressed within this manual, please contact Gretta Customer Service at 9625101315 during business hours. A digital volume of this and other Gretta product manuals are available for download at www.grettagunworks.com.

This manual contains several safety warnings and instructions preceded with **⚠️WARNING** ,

⚠️CAUTION or **NOTICE** These signal words are designed to draw your attention to important safety information. In certain situations, this Manual also includes a NOTE.

⚠️WARNING

Indicates a condition or circumstances where failure to follow the Warning could result in death, serious injury and/or property damage.

⚠️CAUTION

Indicates a condition or circumstance where failure to follow the Caution could result in minor or moderate injury, and/or property damage.

NOTICE

Addresses safety or other practices or information not related to personal injury. Failure to follow the Notice could result in property damage.

NOTE

In certain situations this manual may also have a NOTE. A "NOTE" provides additional information regarding the use and function of this firearm, or highlights other important points.

WARNINGS

WARNING

This product is a firearm and can be a lethal weapon. Failure to read and properly follow the instructions and warnings in this manual could result in death, serious injury or damage to property.

WARNING

Do not attempt to practice loading or unloading, firing or otherwise handling or using this firearm without a thorough understanding of its safe operation.

WARNING

Always treat a firearm as if it was fully loaded.

WARNING

Always store this firearm with the chambers empty. Failure to do so could result in unintentional discharge.

WARNING

It is recommended that you should have training from a qualified instructor prior to holstering, drawing and carrying a loaded firearm. Never carry this firearm loaded unless you have obtained such training. Failure to do so could result in an unintentional discharge.

⚠ 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 through the entire manual before attempting to use this product. Safe operation of this firearm is your obligation, and requires that you completely read and understand this manual in its entirety.

⚠ WARNING

Keep out of reach of children. For increased safety, firearms should be stored unloaded in a location that is secure and inaccessible to children and any other unauthorized person and with ammunition locked securely in a different location.

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SAFETY

⚠️ WARNING

Read the entire manual before attempting to use this product. Safe operation of this firearm is your obligation, and requires that you completely read and understand this manual in its entirety.

NOTICE

Gretta (P) LTD., Inc. shall not be responsible for any death, physical injury or property damage that is the result of the proper or improper use of this product.

RULES OF FIREARM SAFETY

⚠️ WARNING

- Always treat this and any other firearm as if it were loaded. Never take anyone's word that a firearm is unloaded. Clear it yourself with your finger off the trigger and the muzzle pointed in a safe direction. Open the cylinder, then visually and physically check to ensure that no round is chambered. Always make sure the firearm is unloaded and the cylinder is open before laying it down or handing it to someone else.

⚠️ WARNING

- Prior to use, thoroughly learn the mechanical and handling characteristics, as well as the operation of the firearm you are using. Not all firearms are the same.

⚠️ WARNING

- Always keep the muzzle pointed in a safe direction. Never point this or any other firearm at anything you do not intend to shoot.

SAFETY

WARNING

- Never place your finger inside the trigger guard or on the trigger unless you intend to fire.

WARNING

- Never carry a firearm loaded unless you have first obtained training from a qualified instructor in holstering, drawing and carrying a loaded handgun.

WARNING

- Do not carry a loaded firearm with a live round in the chamber while walking, running, crossing or climbing a fence, stream, ditch or any obstacle, or where there is any possibility of slipping or falling, as this could lead to a possible unintentional discharge.

WARNING

- Always make sure that this firearm is in top working condition and that no internal or external parts have been damaged as a result of corrosion, improper maintenance or dropping. If evidence of these conditions exist, have the firearm inspected by a competent gunsmith or contact Gretta prior to use.

WARNING

- Firearms should be unloaded when not actually in use. For increased safety, firearms should be stored unloaded in a location that is secure (for example, apply the supplied cable lock to the firearm and lock the firearm in a gun safe) and inaccessible to children and any other unauthorized person, with ammunition locked securely in a different location.

WARNING

- Never leave a loaded firearm unattended. Someone, especially a child, may fire it and cause death, serious injury or damage to property.

WARNING

- Any firearm that is not under your direct immediate control should be unloaded and rendered inoperable (for example, by use of a cable lock) and inaccessible to unauthorized users.

WARNING

- Be sure of your target and beyond. Make sure that your backstop is adequate to stop bullets prior to shooting.

SAFETY

WARNING

- While on the range, be sure to carry this firearm cleared, with the cylinder open and muzzle pointed in a safe direction, until ready to shoot.

WARNING

- Obey all range rules at all times.

WARNING

- Always wear adequate hearing and eye protection when using any firearm

WARNING

- Always ensure that barrel and action are clear of obstructions before shooting. Shooting a blocked Firearm can result in death or serious injury and damage to the firearm and/or property.

WARNING

- Do not rely on your firearm's "safety" or other Mechanical devices. Any mechanical device can fail. Always point the muzzle in a safe direction.

WARNING

- Use correct ammunition.

WARNING

- Do not alter or modify your firearm and have firearms serviced regularly.

WARNING

- Never drink alcoholic beverages or take drugs prior to or during shooting or handling of this or any other firearm, as this could affect or impair your vision, coordination and judgment, and may have other legal consequences.

WARNING

- Seek a doctor's advice if you are taking any medication prior to engaging in any shooting activity.

WARNING

- Immediately unload and clear this firearm when shooting sequence has been completed.

WARNING

- Never shoot at any hard or flat surface, such as rock, metal or water. The resulting ricochet could result in death, serious injury or property damage.

SAFETY

WARNING

- Always make sure the firearm is unloaded before cleaning.

WARNING

- If your firearm fails to fire when the trigger is pulled, handle with care. If the firearm fails to fire when the trigger is pulled, slow primer ignition (hangfire) may possibly be the cause.

Keep the muzzle pointed downrange at the target for a minimum of 30 seconds. If the round still does not fire, open the cylinder, extract the cartridges from the firearm while keeping the muzzle pointed in a safe direction, and examine the extracted, unfired cartridge(s). If the indent from the firing pin is off center, light or absent, take the firearm to a competent gunsmith. If the indent appears normal compared to other rounds, assume a faulty round, separate from other cartridges, reload and continue shooting.

WARNING

- Immediately stop firing and unload your revolver if the report or recoil seems weak or is otherwise unusual. After unloading the firearm, check to be sure that no obstruction has become lodged in the barrel.

WARNING

- Never use this firearm in any manner other than that for which it was specifically designed.

WARNING

- Never act in an irresponsible manner or ignore any established rules of safety when using or storing firearms.

CAUTION

- Make sure all other shooters and bystanders are behind the shooter and well away from the barrel-cylinder gap. Hot gases, powder grains, lead and/or metal particles, and lubricant escape at high velocity when firing and may cause injury if someone is too close to the barrel-cylinder gap.

SAFETY

EYE AND HEARING PROTECTION

Always wear safety glasses requirement of ISSF standard to protect eye's.

Additionally, those in close proximity when shooting should also wear the appropriate eye and hearing protection. All revolvers forcefully eject hot gases, powder grains, lead and/or metal particles and lubricant during shooting.

Such discharge is normal. If you and/or others in close Physical proximity do not wear appropriate eye protection, then you risk a serious, permanent eye injury up to and possibly including blindness. Hearing protection at all times during shooting is necessary to help prevent partial or permanent hearing loss.

WARNING

Always wear the appropriate eye and hearing protection during shooting. Failure to do so may result in hearing loss and/or eye injury.

Lead Exposure

WARNING

Discharging firearms in poorly ventilated areas, cleaning firearms or handling ammunition may result in exposure to lead and other substances known to cause birth defects, reproductive harm, cancer and other serious physical injury. Have adequate ventilation at all times. Wash hands thoroughly after exposure.

SAFETY

WARNING

This product was designed to function properly in its original condition. Do not alter any part or add or substitute parts or accessories not made or authorized for use by Gretta (P) LTD. Any such alteration could render the firearm unsafe and will void the warranty.

WARNING

Do not drop or allow anything to strike the firearm, as with any firearm an accidental discharge may result.

WARNING

Firearm safety is every firearm owner's responsibility. Failure to review, understand and follow all rules of safety, instructions and procedures included in this manual could result in death, serious injury or property damage

WARNING

Always treat this and any other firearm as it were loaded.

WARNING

Prior to use, thoroughly learn the mechanical and handling characteristics, as well as the operation of the firearm you are using. Not all firearms are the same.

SAFETY

WARNING

Always keep the muzzle pointed in a safe direction

WARNING

Never place your finger inside the trigger guard or on the trigger unless you intend to fire.

WARNING

Do not attempt to practice loading or unloading, firing or otherwise handling or using this firearm without a thorough understanding of its safe operation.

WARNING

Always store this firearm with the chambers empty. Failure to do so could result in an unintentional discharge.

WARNING

It is recommended that you should have training from a qualified instructor prior to holstering, drawing and carrying a loaded handgun. Failure to do so could result in an unintentional discharge.

WARNING

Keep out of reach of children. For increased safety, firearms should be stored unloaded in a location that is secure and inaccessible to children and any other unauthorized person. Ammunition should be locked securely in a different location.

WARNING

Read through the entire manual before attempting to use this product. Safe operation of this firearm is your obligation and requires that you completely read and understand this manual in its entirety.

DO's



- Always keep safety (8) in “safe” (S) position while loading or unloading or retaining the revolver.
 - Do check for any obstruction in the barrel prior for firing.
 - Do clean the barrel after each firing.
 - Do seek the advice of manufacturer in case of malfunctioning.
- If low sound has been observed after firing than please ensure to check, weather lead (bullet) is in the barrel or not before firing of another load.

DONT's



- Don't clean the bore by any other method than the prescribed one.
- Don't cock (pull back) the hammer lest required for single firing.
- Never point weapon at any individual may it unloaded.
- Never play or let others to play with the weapon.
- Don't try to dismantle the revolver completely. Only partially dismantle the barrel for cleaning.

TECHNICAL SPECIFICATION

| SPECIFICATIONS | .32 REVOLVER THUNDER COMBAT PRO | .32 REVOLVER THUNDER COMBAT | .357 MAGNUM SNIPER | .357 MAGNUM SNIPER |
|--------------------|--|--|---|---|
| Caliber | .32 S&W Long | .32 S&W Long | .357 S&W Long | .357 S&W Long |
| Capacity | 7 shot | 7 shot | 8 shot | 6 shot |
| Operation (Action) | Double Action | Double Action | Double Action | Double Action |
| Frame | High durability full metal body | High durability full metal body | High durability full metal body | High durability full metal body |
| Lock | Safety Lock Available | Safety Lock Available | Safety Lock Available | Safety Lock Available |
| Opening | Side Swing Opening | Side Swing Opening | Side Swing Opening | Side Swing Opening |
| Weight (unloaded) | 60mm-675gm 80mm-700gm 102mm-725gm | 60MM-625gm. (unloaded) 80MM-650 gm.(unloaded) 102MM 675 gm.(unloaded) | 975gm (Approx.) 1000gm (Approx.) 1025gm (Approx.) | 675gm (Approx.) 700gm (Approx.) 725gm (Approx.) |
| Sight | Front & Rear Sight | Front & Rear Sight | Front & Rear Sight | Front & Rear Sight |
| Barrel Length | 60MM 80MM 102MM | 60MM 80MM 102MM | 60MM 80MM 102MM | 60MM 80MM 102MM |
| Range | 60MM-40-50 mtrs (Approx.) 80MM-50-60 mtrs (Approx.) 102MM-60-75 mtrs (Approx.) | 60MM-40-50 mtrs (Approx.) 80MM-50-60 mtrs (Approx.) 102MM-60-75 mtrs (Approx.) | 60MM-50 to 60 mtrs (Approx.) 80MM-60 to 70 mtrs (Approx.) 102MM-70 to 80 mtrs (Approx.) | 60MM-50 to 60 mtrs (Approx.) 80MM-60 to 70 mtrs (Approx.) 102MM-70 to 80 mtrs (Approx.) |

Thunder Combat Pro

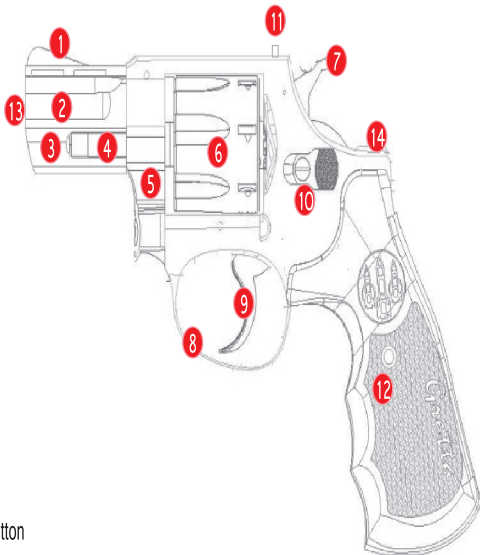


PERFORMANCE FEATURES

Thunder Combat Pro

1. Front sight
2. Barrel
3. Front locking bolt
4. Extractor rod
5. Crane
6. Cylinder
7. Hammer
8. Trigger guard
9. Trigger
10. Cylinder release button
11. Rear sight
12. Grip
13. Muzzle
14. Safety Lock

OPERATION



OPERATION

Safety features

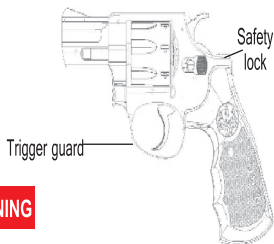
The revolver is equipped with safety features which can, if properly used, help minimize the danger of an unintentional discharge.

⚠️ WARNING

While this firearm has design features to help prevent an unintentional discharge if the firearm is dropped or hit. Never exclusively rely on such features as mechanical devices can fail, and such features are not a substitute for safe handling practices and proper maintenance.

Trigger guard

The trigger guard is a portion of the frame that surrounds the trigger, protecting it against dirt and damage and accidental discharge.



⚠️ WARNING

Never put your finger inside the trigger guard until you intend to fire.

⚠️ WARNING

Read through the entire manual before attempting to use this product. Safe operation of this firearm is your obligation, and requires that you completely read and understand this manual in its entirety.

Safety

Push forward the safety lock to engage the safety feature till it reach the S marked on to the body of firearms. Put it back to disengage safety lock, till it reach the F marked on to the body of firearms

OPERATION

Basic operation

Ammunition

Gretta firearms are designed to function effectively with quality factory-manufactured ammunition in the caliber for which the firearm is chambered.

The following is information to help avoid potential ammunition related problems.

1. Gretta recommends the use of high quality Indian factory-made ammunition.
2. Do not oil cartridges or spray lubricants, preservatives or cleaners on cartridges or where excess spray may come into contact with cartridges. Lubricants and other foreign matter on cartridges may cause potentially dangerous ammunition malfunctions. Use only ammunition of the caliber for which a firearm is chambered.

3. The use of reloaded, hand-loaded, re-manufactured or other non-standard ammunition voids all warranties.

Gretta specifically disclaims responsibility for any injury or damage whatsoever occurring in connection with, or as a result of, the use in Gretta firearms of faulty, reloaded, hand-loaded, re-manufactured or other non-standard ammunition, or of cartridges other than those for which the firearm was originally chambered.

4. Use only ammunition of the caliber for which a firearm is chambered. Improper ammunition and improperly loaded ammunition can be extremely dangerous. Severe damage to the firearm and serious injury to the shooter or to others may result. Always use ammunition that complies with the industry performance standards.

OPERATION

may result from any condition causing excessive pressure inside the chamber or barrel when a round is fired. Excess pressure may be caused by obstruction in the barrel, propellant powder overloads or by the use of incorrect or improperly-assembled cartridges. In addition, the use of a dirty, corroded or damaged cartridge may lead to a burst case and consequent damage to the firearm and personal injury from the sudden escape of high-pressure propellant gas within the firearm's mechanism.

5. Immediately stop shooting, unload the firearm as directed in this manual page (see 30-31) and check the barrel for a possible obstruction whenever:

- The trigger and/or cylinder binds, or
- Unburned grains of powder are noticed in or around the firearm, or
- A shot sounds weak or abnormal, or recoil is less than usual

In the above and other cases, it is possible that a bullet is lodged part way down the barrel. Firing a subsequent bullet into an obstructed barrel may cause death or serious injury and will result in damage to the firearm.

OPERATION

Bullets may become lodged in the barrel: If the cartridge has been improperly loaded without propellant powder or if the powder fails to ignite. In this case, ignition of the primer alone may push the bullet out of the cartridge case and into the barrel but usually does not generate sufficient energy for the bullet to exit the barrel.

6. If there is any reason to suspect that a bullet is obstructing the barrel, immediately unload the firearm as directed in this manual pages (see 30-31) and leave the cylinder open. Then, insert a cleaning rod or other non-steel rod that is smaller than the bore diameter from the barrel's muzzle all the way through to the barrel's breech end to confirm that the barrel is not obstructed.

WARNING

If a bullet is in the bore or lodged in the barrel, do not attempt to shoot it out by using another cartridge, by blowing it out with a blank or with a cartridge from which the bullet has been removed. Such actions can generate excessive pressure, cause death, serious personal injury or property damage.

If the bullet can easily be removed with a wood or brass dowel (using hand pressure only; never "hammer" a bullet lodged in the bore) clean any unburned powder grains from the bore, chamber and mechanism before resuming shooting. If the bullet cannot be dislodged without force, take the firearm to a professional gunsmith or contact Greta Customer Service.

OPERATION

7. Dirt, corrosion or other foreign matter on a cartridge can impede complete chambering which in turn may cause the cartridge case to burst upon firing. The same is true of cartridges which are damaged or deformed.

8. Do not oil cartridges and be sure to always wipe the chambers clean of any oil preservative that may be present before inserting cartridges in chambers or firing.

9. Use quality lubricants on all moving parts of the firearm in accordance with the lubrication instructions page (see 29-31) of this manual. Avoid excessive spraying of aerosol products, especially where it may Contact or contaminate ammunition. All lubricants, and aerosol spray lubricants in particular, can penetrate cartridge primers and cause misfires. Some highly-penetrative

lubricants can also get inside cartridge uses and cause deterioration of the propellant powder so that upon firing the powder may not ignite. There is a danger that if the bullet may become lodged in the barrel.

To reduce oil and solvent contamination of cartridges, use a clean patch to remove excess cleaner and lubricant from the chambers, the front and rear faces of the cylinder, and the breech face.

WARNING

Never use ammunition not specifically designated for use in your firearm. failure to use the correct type or caliber of ammunition may cause the firearm to jam, fail to fire, have an obstructed bore, or even generate excessive pressure, which can cause death, serious injury or property damage.

OPERATION

WARNING

If a bullet is in the bore or lodged in the barrel, do not attempt to shoot it out by using another cartridge, by blowing it out with a blank or with a cartridge from which the bullet has been removed. such actions can generate excessive pressure, and cause death, serious personal injury or property damage.

WARNING

Death serious injury or property damage can result from a bore obstruction.

WARNING

Do not use reloaded, hand-loaded, remanufactured or other non-standard ammunition. Use of any such ammunition can cause death, serious injury or property damage, and voids all warranties. Gretta specifically disclaims responsibility for any damage or injury whatsoever occurring in connection with, or as a result of, the

use in Gretta firearms of faulty, reloaded, hand-loaded, remanufactured or other non-standard ammunition, or of cartridges other than those for which the firearm was originally chambered.

WARNING

Do not oil cartridges or spray lubricants, preservatives or cleaners on cartridges or where excess spray may come into contact with cartridges, lubricants and other foreign matter on cartridges may cause potentially dangerous ammunition malfunction. Oil and solvent can penetrate cartridge primers and can cause misfires.

WARNING

Read through the entire manual before attempting to use this product. safe operation of this firearm is your obligation and requires that you completely read and understand this manual in its entirety.

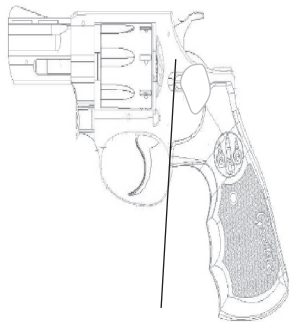
OPERATION

Loading

Keep the muzzle pointed in safe direction and follow the rules of firearm safety and all other safety procedures at all times. Practice these steps with an unloaded firearm or dummy ammunition until you are completely familiar and comfortable with all procedures. Use live ammunition only when prepared to shoot. Only use clean dry and high-quality factory- fresh ammunition in the firearm, of the proper caliber, that meet industry performance standards.

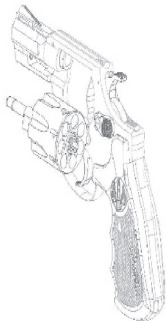
NEVER TOUCH THE TRIGGER WHEN LOADING OR UNLOADING THE FIREARM.

1. Keep your finger outside the trigger guard and do not touch the trigger while loading the revolver.
2. Hold the revolver in one hand and keep the muzzle pointed in a safe direction.
3. Depress the cylinder release and push the cylinder open from right to left

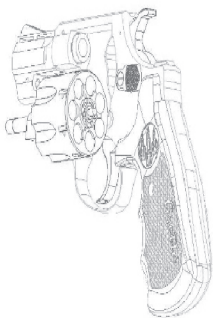


Cylinder Release

OPERATION



4. Insert cartridges into chambers.



5. Gently push the cylinder back into the frame and ensure it locks in places.

⚠ WARNING

The firearm is now fully loaded and ready to fire. Keep the muzzle pointed in a safe direction and follow rules of safe firearm handling. Always unload firearm immediately after use and before storage.

⚠ WARNING

Never use ammunition not specifically designated for use in your firearm. Failure to use the correct type or caliber of ammunition may cause the firearm to jam, fail to fire, have an obstructed bore, or even generate excessive pressure, which can cause death, serious injury or property damage.

⚠ WARNING

Do not use reloaded, hand-loaded, remanufactured or other non-standard ammunition. Use of any such ammunition can cause death, serious injury or property damage and voids all warranties. Greta specifically disclaims responsibility for any

OPERATION

damage or injury whatsoever occurring in connection with, or as a result of the use in Gretta firearms of faulty, reloaded, hand-loaded, remanufactured or other non-standard ammunition, or of cartridges other than those for which the firearm was originally chambered

WARNING

Read though the entire manual before attempting to use this product. safe operation of this firearm is your obligation, and requires that you completely read and understand this manual in its entirety.

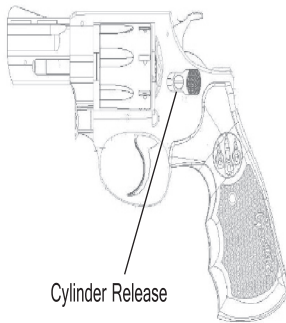
NOTE

Gretta (P) LTD. recommends high quality, factory-fresh ammunition that meets Industry standard specification.

Unloading

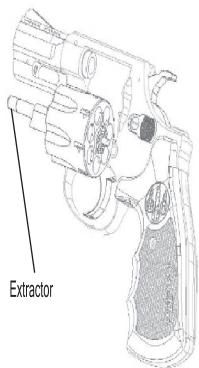
1. Keep the muzzle pointed in safe direction at all times.

2. Do not touch the trigger and keep your finger outside the trigger guard throughout the entire unloading process.
3. Depress the cylinder release and push the cylinder open from right to left.



- 4 . Point the muzzle upward in a safe direction and push the extractor rod fully into the cylinder

OPERATION



5. Do not extract live (unfired) cartridges on to a surface which may indent a primer and cause the cartridge to discharge.
6. Remove cartridges or spent cases from cylinder.
7. Visually check to ensure all chambers are empty.
8. Store the firearm properly in an unloaded condition as instructed in this manual (see 37-39)

⚠ WARNING

Read through the entire manual before attempting to use this product. Safe operation of this firearm is your obligation, and requires that you completely read and understand this manual in its entirety.

Firing

This revolver operates in double as well as single action.

⚠ WARNING

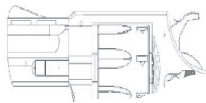
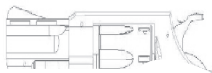
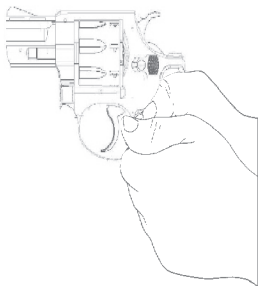
Always wear eyes and hearing protection when shooting. Failure to do so may result in hearing loss and/or eyes injury. see page 15 for important information

⚠ WARNING

All revolvers forcefully eject hot gases, powder grains, lead and/or metal particles and lubricant out of the barrel-cylinder gap during shooting.

OPERATION

1. Point the muzzle in a safe direction at all times
2. Load the firearm as previously indicated in this manual on page (see 30-31)
3. Establish a proper two-handed grip.



4. Do not allow hand, fingers, or any other body part past the front of the cylinder when firing.

5. This revolver operates in double as well single action
6. Keep finger clear of trigger until ready to fire.

OPERATION

7. Once on target, place finger on the trigger.
8. Smoothly and continuously pull the trigger to the rear.
9. After firing the cartridge, fully release the trigger to the forward position. The trigger must be allowed to fully reset before firing the next cartridge. Failure to do so will not allow the revolver to function properly.
10. If all cartridges are not fired and you wish to stop shooting, follow the procedures for unloading the firearm on page (see 30-31)

⚠️WARNING

In case of a failure to fire, continue to hold your firearm with the muzzle pointed downrange at the target for a minimum of 30 seconds, if after 30 seconds the round still does not fire, a hangfire (slow ignition) may possibly be the cause. If the round has not fired after 30 seconds while keeping the muzzle of the firearm pointed in a safe

direction, open the cylinder, extract the cartridges from the firearm and examine the extracted, unfired cartridge(s). If the indent from the firing pin is off center, light or absent, take the firearm to a competent gunsmith or contact Gretta to arrange to have it examined by Gretta. If the firing pin indentation on the primer appears normal (compared to similar previously fired cartridges), the cartridge may be defective. Separate the cartridge from other live ammunition and empty cases, reload your firearm as instructed in this manual on page(see 30-31) and resume firing.

⚠️WARNING

Immediately stop firing and unload your revolver if the recoil seems weak or otherwise does not seem right. After unloading the firearm, check to be sure that no obstruction has become lodged in the barrel.

OPERATION

WARNING

Read through the entire manual before attempting to use this product. Safe operation of this firearm is your obligation, and requires that you completely read and understand this manual in its entirety.

CAUTION

Make sure all other shooters and bystanders are behind the shooter and well away from the barrel-cylinder gap. Hot gases, powder grains, lead and/or metal particles and lubricant escape at high velocity when firing and may cause injury if someone is too close to the barrel-cylinder gap.

CAUTION

Never shoot the firearm with your thumb or other body part near or in the path of the barrel-cylinder gap, as you could be injured by hot gases, powder grains, lead and/or metal particles and lubricant escaping at high velocity.

WARNING

Do not disassemble your firearm. Do not manipulate any internal components. Failure to follow this WARNING may damage or affect the reliability, safety or performance of your firearm, and such failure can create a potential risk of death, serious injury or property damage, and will void the warranty.

WARNING

Do not alter, modify or replace any of the parts of your firearm unless this work is performed by Gretta or a qualified gunsmith using genuine Gretta parts. Failure to abide by this WARNING may damage or affect the reliability, safety or performance of your firearm, and create a potential risk of death, serious injury, or property damage and voids all warranties.

OPERATION

⚠️WARNING

Gretta firearms should be cleaned after each use. Even when not in use, Gretta firearm should be cleaned and lubricated every six month to protect their appearance and ensure readiness.

⚠️WARNING

Before using this firearm, carefully read this manual in its entirety, understand and follow all instructions and warnings. Failure to read this manual and understand and follow all instructions and warnings may result in an unsafe condition that could cause death, serious injury or property damage.

⚠️WARNING

Never use ammunition not specifically designated for use in your firearm. Failure to use the correct type or caliber of ammunition may cause the firearm to jam, fail to fire , have an obstructed bore or even generate excessive pressure, which can cause death, serious injury or property damage.

⚠️WARNING

If a bullet is in the bore or lodged in the barrel, do not attempt to shoot it out by using another cartridge, by blowing it out with a blank or with a cartridge from which the bullet has been removed. such actions can generate excessive pressure and cause death, serious injury or property damage.

OPERATION

WARNING

Do not use reloaded, hand-loaded, remanufactured or other non-standard ammunition. Use of any such ammunition can cause death, serious injury, or property damage and voids all warranties. Gretta specifically disclaims responsibility for any damage or injury whatsoever occurring in connection with, or as a result of the, use in Gretta firearms of faulty, reloaded, hand-loaded re-manufactured or other non standard ammunitions, or of cartridges other than those for which the firearm was originally chambered.

WARNING

Read through the entire manual before attempting to use this product. Safe operation of this firearm is your obligation, and requires that you completely read and understand this manual in its entirety.

CARE

Preventative maintenance

WARNING

Always ensure that your firearm is unloaded before cleaning, and follow the rules of safe gun handling and instructions in this manual. Wear appropriate eye protection (see page 15) when cleaning and lubricating firearm.

Do not disassemble your firearm beyond what is outlined in this manual. Do not manipulate any internal components beyond what is outlined in this manual. Failure to follow this WARNING may damage or affect the reliability, safety or performance of your firearm and create a potential risk of death, serious injury, or property damage and voids all warranties.

Cleaning & lubrication.

1. Keeping the muzzle of the firearm pointed in a safe direction and fingers placed outside the trigger guard and away from the trigger, unload the firearm as instructed in this manual page (see 30-31).
2. Do not touch the trigger and keep fingers outside the trigger guard while cleaning the revolver.
3. Depress the cylinder release and push the cylinder open from right to left.
4. When using a cleaning rod, insert it into the muzzle end of the barrel taking care not to damage the muzzle crown (exit hole of the barrel)
5. Run a patch wet with bore cleaning solvent through the barrel and let the solution soak a few minutes. Always read and follow the manufacturer's directions for the bore cleaner being used
6. Run a dry patch through to remove loose debris/deposits
7. Run a wet bore brush through the chamber

end of the barrel and out the muzzle, making several passes. Note: when using a cleaning rod, attach the bore brush after the rod is inserted through the barrel, then pull the brush through the barrel and out the muzzle.

8. Run a dry patch to remove loose debris.
9. Repeat steps 5 and 6 a few times until the patch comes out clean.
10. Lightly oil the barrel
 - Run a dry patch through the barrel before firing to remove oil
11. Clean the cylinder using the same method as the barrel EXCEPT insert the cleaning rod into the breech end of the chambers.
 - Repeat for all chambers
12. Clean the breech face (where the firing pin exits), around the breech end of the barrel, the front face of the cylinder, under the extractor, and anywhere else carbon and

debris has built up (a toothbrush or similar nylon brush works well).

13. Wipe off all dirt on all exterior surfaces of the revolver.
14. Do not expose night sights to an ultrasonic cleaning environment.

NOTICE

Ultrasonic cleaning is not recommended. Damage to the finish or parts cleaned using an ultrasonic cleaner are not covered under warranty.

15. Lightly lubricate the exterior surfaces of the revolver
16. Push the extractor rod fully into the cylinder and place a drop of lubricant on the exposed extractor stem.
17. Wipe off any excess lubrication.

CARE

WARNING

Discharging firearms in poorly ventilated areas, cleaning firearms or handling ammunition may result in exposure to lead and other substances known to cause birth defects, reproductive harm, cancer and other serious physical injury. Have adequate ventilation at all times. Wash hands thoroughly after exposure.

WARNING

Wear appropriate eye protection page (see 15) when cleaning and lubricating the firearm.

WARNING

Do not oil cartridges or spray lubricants, preservatives or cleaners on cartridges or where excess spray may come into contact with cartridges. Lubricants and other foreign matter on cartridges may cause potentially dangerous ammunition malfunctions. Oil and solvent can penetrate cartridge primers and can cause misfires. To reduce oil and

solvent contamination of cartridges, use a clean patch to remove excess cleaner and lubricant from the chambers, the front and rear faces of the cylinder and the breech face.

WARNING

Read through the entire manual before attempting to use this product. Safe operation of this firearm is your obligation, and requires that you completely read and understand this manual in its entirety.

NOTE

For long-term storage or in high-humidity, damp or salty areas, a premium rust preventative such as Shooter's Choice Rust Prevent should also be used.

CARE

Long-term storage

1. Follow unloading, cleaning and lubrication instructions from this manual
2. Apply a premium rust preventative product and follow the manufacturer's instructions for proper application
3. Select a safe and secure location for storage, one that follows the instructions and recommendations of this manual and all applicable laws, including but not limited to use of the cable lock provided with this firearm. If possible, do not store the firearm in the factory-supplied case, other gun case or holster as moisture may collect and cause damage.

4. If you plan on storing the firearm for extended periods of time between uses, clean and lubricate the firearm as instructed in this manual pages(see 29-31) every six months.

WARNING

Always store this firearm with the chambers empty (unloaded) and with the supplied cable lock properly installed and locked. Failure to do so could result in an unintentional discharge.

WARNING

Keep out of reach of children. For increased safety, firearms should be stored unloaded in a location that is secure and inaccessible to children and any other unauthorized person, with ammunition locked securely in a different location.

SUPPORT

Gretta (P) Ltd. firearms are warranted to be free from defects in material and workmanship for Two (2) year after the date of original new firearm retail purchase by the initial consumer. If the other party does not strictly adhere to the warning given in the manual, Gretta will not be liable. Except as may otherwise be provided or excluded in this limited warranty, the Manufacturer agrees to correct any such defects in materials and workmanship by repair or replacement with a copy of bill of sale.

Gretta (P). Ltd. assumes no responsibility for product malfunction or for physical injury or property damage resulting in whole or in part from: failure to follow the instructions in this manual; the firearm is disassembled beyond

the instructions in this manual; criminal or negligent use of the product; improper or careless handling; unauthorized modifications; use of defective, improper or hand-loaded, reloaded, re-manufactured ammunition or ammunition of a different caliber than the firearm is chambered for; customer misuse, abuse, neglect or improper maintenance of the product or other influences beyond Gretta(P)Ltd. control.

This warranty does not apply to normal wear and tear of any parts, including metal, wood, plastic, rubber or the surface finish of any material, or if unauthorized repair and/or alteration has been performed. This warranty does not cover repairs related to unreasonable use, corrosion,

SUPPORT

Damaged or shopworn display firearms, or firearm parts damaged by an obstructed bore or barrel, or firearms damaged in return shipment due to improper packing and handling.

The implied warranties of merchantability and fitness for a particular purpose are expressly disclaimed. All disclaimers and limitations of liability shall still apply even if the limited remedy of repair or replacement fails of its essential purpose.

There are no warranties which extend beyond the description on the face hereof. The sole and exclusive remedy pursuant to this warranty is the repair or replacement of your firearm, at the sole discretion of Gretta.

Any action against Gretta based on an alleged breach of this limited warranty must be brought within one (1) year of the claimed breach.

Gretta (P) Ltd. reserves the right to inspect any product before making any adjustment covered by this warranty.

Under no circumstances shall Gretta (P) Ltd. be liable for incidental or consequential damages with respect to economic loss or injury or property damage. This warranty gives only the original retail purchaser specific legal rights.

The terms of the warranty cannot be changed except in writing by an officer of Gretta (P) Ltd., Inc.

Gretta's factory in New Delhi, India is the only authorized repair location at present.

SUPPORT

Obtaining Gretta replacement parts

⚠ WARNING

Only use Gretta replacement parts. Use of aftermarket parts can create unsafe conditions and will void the warranty. Gretta replacement parts are available at Gretta Master Dealers or at www.grettagunworks.com

Custom Shop treatments

The Gretta Custom Shop can quickly and professionally modify or personalize any Gretta firearm. For complete information, contact Gretta Customer Service.

Customer Service

Gretta Customer Service 9625101315
customerservice@grettagunworks.com

⚠ WARNING

This product was designed to function properly in its original condition. Do not alter any part or add or substitute parts or accessories not made or authorized for use by Gretta. Any such alteration could render the firearm unsafe, and will void the warranty.

⚠ WARNING

Do not alter, modify or replace any of the parts of your firearm unless this work is performed by a qualified gunsmith using genuine Gretta parts or by Gretta. Failure to abide by this WARNING may damage or affect the reliability, safety or performance of your firearm, and such failure will create a potential risk of death, serious injury or property damage, and will void the warranty.

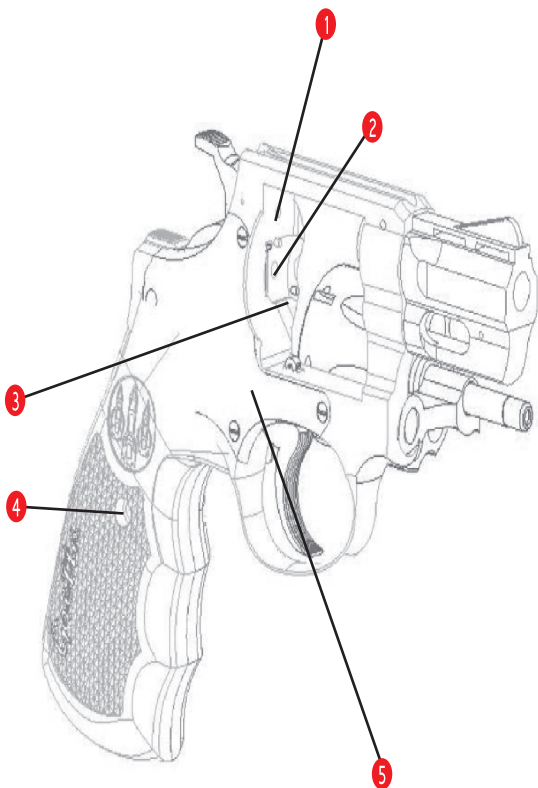
⚠ WARNING

Read through the entire manual before attempting to use this product. Safe operation of this firearm is your obligation, and requires that you completely read and understand this manual in its entirety.

SUPPORT

Notable parts list

1. Firing pin
2. Center pin hole
3. Hand
4. Grip screw
5. Side plate



SUPPORT

SAFETY FIRST

1. ALWAYS KEEP THE FIREARM POINTED IN A SAFE DIRECTION.
2. ALWAYS KEEP YOUR FINGER OFF THE TRIGGER UNTIL READY TO SHOOT.
3. ALWAYS KEEP THE FIREARM UNLOADED UNTIL READY TO USE.
4. ALWAYS TREAT THE FIREARM AS IF IT IS LOADED AND READY TO DISCHARGE.
5. ALWAYS FOLLOW RULES OF SAFE FIREARM HANDLING.
6. READ AND UNDERSTAND THIS MANUAL IN ITS ENTIRETY PRIOR TO USING THIS FIREARM.
7. GRETTA STRONGLY RECOMMENDS THAT EVERY PERSON RECEIVE FIREARMS SAFETY TRAINING PRIOR TO USING THIS OR ANY OTHER FIREARM.

NOTES



C-178 Mayapuri Industrial Area, Phase-II, New Delhi-110064

Customer Care No. 9625101315

www.grettagunworks.com

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