

# ***RCBS***®

## **VIBRATORY CASE POLISHER**



## **PRODUCT INSTRUCTIONS**

**Part # 87060**



## **WARNING!**

**Before using the RCBS Vibratory Case Polisher, read these instructions carefully to fully learn how to safely operate the related equipment. Failure to properly operate the related equipment can result in severe personal injury and/or equipment damage.**

If you have any questions while assembling or operating this tool,  
Call us at 1-800-379-1732 (U.S. or Canada)

Monday – Friday 5:00 a.m. – 5:00 p.m. Pacific Time (hours may vary)

Or email us at [rcbs.tech@vistaoutdoor.com](mailto:rcbs.tech@vistaoutdoor.com)

This instruction manual contains specific safety and operating information. It should be considered a permanent part of your equipment and remain with the equipment at all times for easy reference.

## **READ ALL INSTRUCTIONS BEFORE USE**

### ***RELOADING SAFETY***

**NOTICE - This manual is not intended to provide comprehensive instructions or safety information on how to reload, or handle or use reloading components. Always read and thoroughly understand a reloading manual before attempting to reload ammunition.**

Reloading is an enjoyable and rewarding hobby when conducted safely. But, as with many hobbies, carelessness or negligence can make reloading hazardous. This case polisher will add to the quality of your reloaded ammunition. It has been designed from the beginning with the user's safety in mind.

As with any mechanical device, some safety rules must be followed. When reloading, always follow these safety guidelines to minimize the risk of personal injury or death.

- Always wear safety glasses.
- Understand what you are doing and why. Read handbooks and manuals on reloading. Talk to experienced reloaders. Write or call suppliers of equipment or components if you have questions or are in doubt.
- Read and understand all warnings and instructions accompanying your equipment and components. If you do not have written instructions, request a copy from the manufacturer. Keep instructions for future reference.
- Do not rush or take short cuts. Establish a routine and follow it at a leisurely pace.
- Keep complete records of reloads. Label each box showing the date produced, and the type of primer, powder and bullet used.
- Do not smoke while reloading, or reload near sources of heat, sparks or flame.
- Observe good housekeeping in the reloading area. Keep tools and components neat, clean and orderly. Promptly and completely clean up any spills.
- Keep your hands and fingers away from “danger” spots and pinch-points where they might be injured.

- Keep all reloading equipment and components out of reach of children.
- Keep all packing material out of reach of children.
- This device is not intended for use by individuals with restricted physical, sensory or mental capacities or those with a lack of experience and/or knowledge, including children, unless they are supervised by an individual who is responsible for their safety or have received training in operating the device.
- Stay alert. Reload only when you can give your undivided attention. Do not reload when tired, ill, rushed or under the influence of drugs or alcohol.

*Because RCBS® has no control over the choice, assembly or use of components or other reloading equipment, RCBS assumes no liability, expressed or implied, for the use of ammunition reloaded with this product.*

## **PRIMER AND POWDER WARNINGS**

** DANGER! DO NOT TUMBLE/CLEAN CARTRIDGE CASES OR AMMUNITION CONTAINING LIVE PRIMERS AND/OR POWDER.**

**The vibrating action of the Case Polisher can break down the structure of the powder kernels and priming mix. This may lead to an unsafe ignition of the cartridge or possible misfire.**

## **LOADING DATA**

- Use only laboratory tested reloading data. We highly recommend the current SPEER Reloading Manual.

** OBSERVE ALL WARNINGS ABOUT THE USE OF MAXIMUM LISTED LOADS.**

## **WORKING WITH CARTRIDGE CASES**

- Examine empty cases to be sure they are in good condition before reloading. Thin, split, deformed, or badly corroded or pitted cases may be structurally weak, and result in a dangerous condition. Pay particular attention to splits in the mouth, separation between the case and the head, and dents in the shoulder.
- Do not store cartridge cases or ammunition near harsh chemicals such as gasoline, household cleaners or cat urine. The fumes can weaken the metal and present a dangerous condition.
- Do not clean cases with chemicals other than those specifically designed for the purpose.
- Do not attempt to clean loaded ammunition or primed cases. Doing so can cause corrosion, and weaken the case, or cause a misfire/hangfire condition.
- Ensure cases have proper primer pocket sizes; remove primer staking/crimp if necessary. Attempting to seat a primer into an undersized pocket or pocket with staking/crimping can result in detonation.
- Do not ream out or enlarge flash holes of cartridge cases. This may change the ignition rate and result in dangerous pressures.
- Resize and trim fired cases to ensure reliable chambering and obtain proper bullet tension and crimp.
- Never attempt to guess at the identity of your ammunition.

## **ELECTRICAL WARNINGS**

**⚠ WARNING: Care should be used when operating electrical appliances in wet areas or around water. Always unplug unit when filling or draining tank. Operating unit on a GFCI outlet with a rated trip current of no more than 30mA is recommended to provide protection against electric shock. The installation of a GFCI circuit should only be carried out by a qualified electrician.**

**⚠ CAUTION: Leave the unit unplugged until you have read all the instructions and are ready to use.**

- This product is equipped with a three wire, detachable power cord; plug only into a proper outlet.
- Do not work on wet floors.
- Do not plug into electrical outlet until the proper voltage is supplied.
- Locate all electric cords away from moisture, rain and moving parts.
- Periodically check all cords for worn/frayed spots and replace or repair to code if needed.
- Never submerge unit in water or any other liquid in an attempt to clean the unit.
- Never use unit if power cord becomes damaged.
- Never attempt to disassemble unit.
- Always use on a flat level surface.
- Always disconnect power cord before adjusting, cleaning, setup, etc.
- Always unplug unit when not in use.
- Allow for adequate room around unit to allow for cooling. Do not store items next to unit while in use. Keep cooling fans and vents clear of any obstructions (rags, bags, boxes, etc.).

**⚠ DANGER OF ELECTRIC SHOCK! To prevent life-threatening electric shock, please observe the following:**

- Do not use while bathing.
- Never immerse the device or power cord in water or other liquid.
- Never touch the power plug with wet hands, especially when inserting or removing the plug.
- If the unit has fallen in water during operation, do not touch the unit. Remove the power plug from the socket first.
- Do not spray water or liquid over the device.
- When removing the cord from the socket, grab the power plug, not the cord.
- Protect the power cord from damage.
- If there is damage to the power plug, cord, housing, or other parts of the device, do not use.
- Disassembly of this device should only be performed by qualified professionals at RCBS.

## **MACHINERY WARNINGS**

**⚠ WARNING: Avoid wearing loose clothing and jewelry which can be drawn into moving/ rotating components.**

**⚠ Keep your hands and fingers away from “danger” spots and pinch-points where they might be injured.**

**⚠ Keep children and others away from machinery.**



**Be sure that all moving parts are shielded and all guards are in place before operating any equipment.**

## **RECORD KEEPING**

Keep complete records of reloads. Apply a descriptive label to each box showing the date produced, and the primer, powder and bullet used. Labels for this purpose are packed with SPEER bullets.

Since RCBS has no control over the choice of components, the manner in which they are assembled, the use of the product or the firearms in which the resulting ammunition may be used, no responsibility, either expressed or implied is assumed for the use of ammunition reloaded with this product.

## **SAVE THESE INSTRUCTIONS**

## **INTRODUCTION**

The RCBS Vibratory Case Polisher has been designed specifically for cleaning and polishing a large quantity of cartridge cases quickly and efficiently. Features of the case polisher includes a 1.5 gallon (6.0 l) working capacity heavy duty bowl, wide, stable base and a quiet fan-cooled, sealed ball-bearing motor. This case polisher is shipped completely assembled and by following these instructions should provide safe, maintenance-free operation.

## **UNPACKING**

Unpack the case polisher and take a few minutes to review these instructions and familiarize yourself with the various parts of the polisher.

## **OPERATING INSTRUCTIONS**

After unpacking the case polisher, set the unit on a solid, level surface to operate. Remove the case polisher lid by unscrewing the wingnut located in the center of the lid. Set aside both the solid lid and the sifting lid.

The cleaning bowl is engineered to create a fast internal cyclonic action. For best results, the bowl should be at least half-full with dry media. Then, load with cases. The unit will hold 14 pounds of material. The best ratio of cases and media will be determined by you as you use the unit. Replace the solid lid and tighten the wingnut in the center of the lid. Plug the power cord into a grounded electrical outlet, turn the on/off switch to the "on" position and the unit will start the vibrating action. Run time will be determined by the condition of the cases and the degree of "shine/polish" desired.

To empty the bowl, first turn the unit off and unplug the power cord. Then remove the lid by unscrewing the wingnut in the center of the lid. Next, simply turn the entire unit upside down and drain the contents into a container or box. You can also replace the lid with the provided sifting lid. This will allow you to pour out the media from the bowl while keeping the cases inside the bowl.

Separating the media from the cases can be made easier with the use of the 87076 Rotary Case Media Separator or the 87075 Case Media Sifter, both sold separately.

Do not attempt to make any adjustments or repairs to the electrical system of the Vibratory Case Polisher. Contact the Customer Service Department at RCBS for this service.

## CAPACITY

The bowl of the case polisher has a total capacity of 14 pounds. This is the combined total weight of cases AND cleaning media. Do not exceed this amount as it causes unnecessary strain on the motor, will extend the time it takes to polish the cases and shorten the life of the unit.

It is easiest to control load size by weight versus volume. For example:

1.0 Pound Reference	
Qty	Cartridge
110	9mm cases
80	.45 ACP cases
75	.223 Rem cases
35	.30-06 cases

This photo shows a properly loaded case polisher. The amount of dry media will be determined by the type and quantity of cases.



## AVAILABLE ACCESSORIES

### RCBS 87076 Rotary Case/Media Separator

In short order, separate the cleaned cases from the cleaning media. Merely empty the cases and media from the case polisher into the separator basket. With several turns of the basket handle, the media falls to the bottom of the separator, leaving the cases clean and ready to use. The fine dust from the media is trapped inside the separator.

#### Features:

- Easily separates cleaned cases from cleaning media
- Heavy-duty plastic construction
- Capacity of 180 .30-06 cases or 400 38 Special cases with media



### RCBS 87075 Case Media Sifter

Quickly and easily separate the cleaning media from the cleaned cases. First dump the cleaned cases and media into a bucket. Next attach the Media Sifter to the Vibratory Case Polisher and turn on the polisher. Slowly pour the cases and media into the media sifter. Allow the Case Polisher to run until all the media is emptied back into the bowl—then it's ready for the next time cases need cleaning.



## MEDIA/SUPPLIES

- **RCBS 87067: Formula 1 Walnut Shell Dry Media Case Cleaner.** Formula 1 Walnut Shell is ground to a 12/12 sieve size.
- **RCBS 87068: Formula 2 Corn Cob Dry Media Case Cleaner.** Ground corn cobs, combined with a chromium oxide cleaner and polisher.
- **RCBS 87069: Polishing Compound.** Comes individually packed so reloaders can choose various amounts of media to mix.



## **TWO YEAR LIMITED WARRANTY**

Congratulations on the purchase of your new RCBS Vibratory Case Polisher. Your new Vibratory Case Polisher is warranted to be free from defects in material or workmanship for a period of two (2) years from the date of purchase. This warranty is extended only to the original consumer purchaser. Should you believe that your Vibratory Case Polisher is defective in material or workmanship, you must return it to RCBS, postage paid, for evaluation. If defective, the product will be repaired or replaced at RCBS's option, at no charge

Send a check in the amount of ten dollars (\$10) U.S. payable to RCBS Operation for return shipping and handling, along with the unit to:

RCBS  
605 Oro Dam Blvd East  
Orville, California 95965

Warranty services cannot be provided without meeting the above requirements.

THIS WARRANTY DOES NOT COVER DEFECTS OR DAMAGE RESULTING FROM: CARELESSNESS, MISUSE, IMPROPER INSTALLATION, MODIFICATION, OR IF YOUR CASE POLISHER HAS BEEN ALTERED OR REPAIRED BY ANYONE OTHER THAN FACTORY PERSONNEL.

WARRANTY SERVICES CANNOT BE PROVIDED WITHOUT MEETING THE ABOVE REQUIREMENTS.

Please retain this warranty certificate for future reference.

THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY. RCBS OPERATION IS NOT LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT AND UNDER NO CIRCUMSTANCES SHALL RCBS OPERATION BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES. HOWEVER, SOME STATES DO NOT ALLOW LIMITATIONS ON INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

The above warranty provides the sole and exclusive warranty available to the customer in the event of a defect in material or workmanship in the Vibratory Case Polisher. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

### **CONTACT US:**

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## **PRECISIONEERED RELOADING EQUIPMENT**

We think we make the world's best reloading equipment.  
If you agree, please tell your friends.  
If you disagree, tell us—we want to do something about it!

Customer Service

1-800-379-1732 (U.S. or Canada)

Hours: Monday - Friday, 5:00 a.m. – 5:00 p.m. Pacific Time  
(hours may vary)

E-mail [rcbs.tech@vistaoutdoor.com](mailto:rcbs.tech@vistaoutdoor.com), or visit [www.rcbs.com](http://www.rcbs.com)

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