

Hornady[®]
Accurate. Deadly. Dependable.

OWNER'S MANUAL
ROTARY CASE
TUMBLER



Item No. 050220 - 110V
Item No. 050221 - 220V

Instructional videos for Hornady[®] reloading products are available at hornady.com.

IMPORTANT SAFETY INSTRUCTIONS

Read All Instructions

Reloading is an enjoyable and rewarding experience. This case tumbler 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, safety rules must be followed. By observing these rules, the chance of a hazardous occurrence becomes extremely remote.

WARNINGS

- Read this instruction manual thoroughly before attempting to operate this product.
- Do not use any chemicals other than those specifically recommended by the manufacturer for cartridge case cleaning.
- Do not attempt to salvage badly corroded cases which might be structurally weak.
- Do not attempt to clean loaded ammunition under any circumstances.

GENERAL

- Maximum total drum weight is 17.0 pounds. Excessive drum weight may damage tumbler.
- Use the equipment as the manufacturer recommends.
- Study the instructions carefully and become thoroughly familiar with the operation of the tool. *Don't take short cuts.*
- Observe "good housekeeping" in the reloading area.
- Keep tools and components neat, clean and orderly.
- Wear adequate personal protection with any chemical use.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- Do not leave a full drum on the rollers after tumbling. Flat spots may form in the rubber roller causing the drum to slip or stop spinning. If flat spots form, the drum may need assistance by hand to start spinning.

ELECTRICAL

- The 110VAC and 220VAC tumblers are equipped with different power cords. Only plug tumbler into proper outlet.
- Do not work on wet floors.
- Do not plug into electrical outlet until the proper voltage is supplied (110/220V).
- Keep 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.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

OPERATOR

- Wear clothing that is not loose. Loose clothing can be drawn into machinery.
- Keep your hands and fingers away from “danger” spots where they might be injured.
- Keep children and visitors away from machinery.
- Take off loose jewelry before using machines. 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 packaged with Hornady bullets.

Since Hornady 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.

INTRODUCTION

The Hornady Rotary Case Tumbler has been designed specifically for cleaning and polishing a large quantity of cartridge cases quickly and efficiently. Features of the Rotary Tumbler include 6 quart rubber lined drum, quick seal compression lid, digital timer, and a fan cooled motor. This Rotary Tumbler is easy to use and by following these instructions, should provide safe, maintenance-free operation.

ITEMS INCLUDED

1. Rotary Tumbler Drum
2. Base
3. Compression Lid
4. Stainless Steel Tumbling Pins
(not pictured)

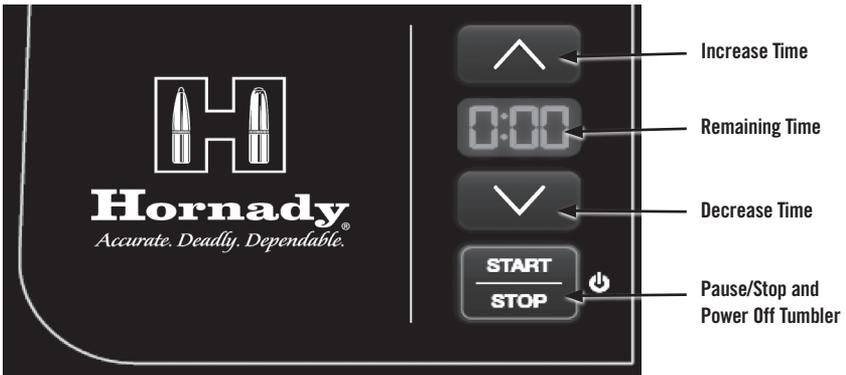


Recommended Accessories

- Hornady Case Cleaning Solution (Item No. 043355 or 43356)
- Hornady Media Sifter (Item No. 050207)
- Hornady Case Dryer (Item No. 053310)

OPERATING INSTRUCTIONS

After unpacking the Rotary Case Tumbler, set the unit on a solid, smooth surface to operate. Plug the base in and become familiar with the operation of the keypad before placing the drum onto the base.



OPERATION

NOTE: When first plugging in the tumbler, the screen will display "OFF". Press the START/STOP button before setting the time.

1. Press the UP or DOWN arrow to increase or decrease the tumbling time in 30 minute increments for 0:30 minutes to 8:00 hours.
2. Press and release the START/STOP button to begin tumbling.

NOTE:

- Set time to ON for continuous operation.
- Press and hold START/STOP button to power off unit.

The tumbler drum consists of a 6 quart rubber lined drum and quick seal compression lid.

To remove the lid, rotate the locking knob a few turns counterclockwise until the lid can be easily removed.

NOTE: The knob does not need to be completely removed to loosen the lid.

Fill the drum with up to 5 pounds of deprimed brass. Leave a few inches of gap below the mouth of the drum to allow enough space for the cartridge cases to tumble freely when rotating.

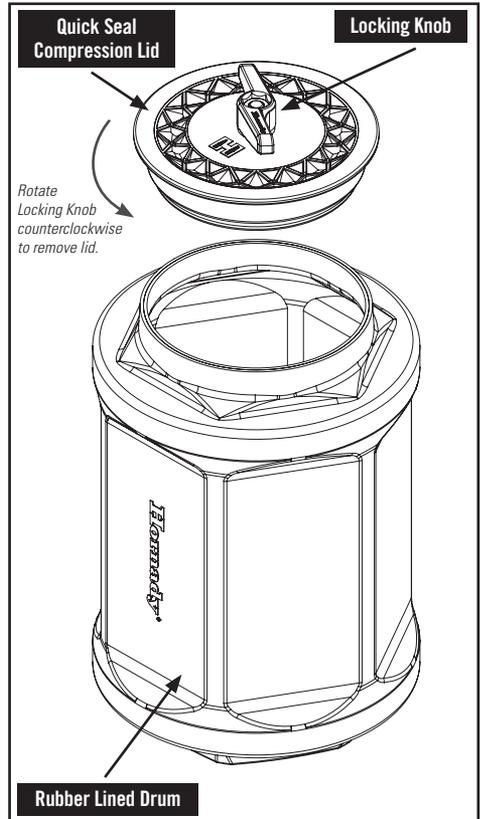
Add the stainless steel pins to the drum.

Cover the cartridge cases with properly diluted Hornady Case Cleaning Solution. Follow the instructions on the bottle for the proper water to solution mix ratio.

NOTE: The maximum total drum weight is 17.0 pounds. This is approximately 5 pounds of cartridge cases, 5 pounds of pins, and 2 quarts of water. **Do not exceed 17.0 pounds.**

Place the lid back onto the drum and tighten the knob. The knob should be snug but not overtightened. Check for leaks by placing the drum horizontally and inspecting the seam between the drum and lid for water drops.

Place sealed drum onto the base so it nests between the roller stop on the two rollers.



Set desired tumbling time and turn unit on. Tumbling time can vary due to condition of dirty brass, number of cases tumbled, and desired appearance. In general, tumbling times are typically one to two hours but can be longer. Check cases periodically until desired polish is achieved.

When tumbling is complete and unit is properly turned off, remove drum and place upright on flat surface. Remove lid and pour off excess water being careful not to accidentally pour stainless pins down the drain.

The cases can then be removed by hand or by using the recommended Hornady Media Sifter (sold separately - Item No. 050207).

The Hornady Case Solution is not harmful to brass, but it is a good practice to rinse the cases with water to remove all residue from the cases.

Carefully inspect cases to make sure stainless steel pins have been completely removed from inside the case. This may be easier to accomplish when the cases have dried.

The cases may be dried over a towel or with the Hornady Case Dryer (sold separately - Item No. 053310).

CARE AND MAINTENANCE

After use, the tumbler drum should be properly dried and stored with the tumbler base in a cool, dry location. Do not store the base while plugged in.

The stainless steel tumbling pins should be properly dried and stored in a cool, dry location.

TROUBLESHOOTING

Drum won't spin:

1. The tumbler is designed to tumble no more than 17.0 pounds. Weigh the drum and remove contents until the drum is less than 17.0 pounds.
2. The drum and rollers need to be dry for the drum to spin. Dry off the outside of the drum and the rubber rollers to assure good traction.
3. Do not leave a full drum on the rollers after tumbling. Flat spots may form in the rubber roller causing the drum to slip or stop spinning.
4. Some rubber dust may appear on the drum and rollers. Clean this off to assure good traction between the drum and rollers.
5. There is a slight chance the drive belt has become loose. Remove the side belt cover and inspect or clean belt and pulleys.
6. The tumbler motor is equipped with an overheat switch. If the tumbler stops spinning, turn off tumbler, remove drum from rollers, and unplug the tumbler for at least 30 minutes. Before turning the tumbler back on, check the drum weight is less than 17.0 pounds and that there is nothing blocking the air flow around and below the tumbler.

WARRANTY REGISTRATION

Complete the warranty registration form at hornady.com/warranties.

Failure to register your purchase will not adversely affect your warranty rights if you can otherwise show in a reasonable way the date the product was purchased (e.g. your dated purchase receipt). By registering your product we establish in our files the date of purchase and your registration provides us with information that allows us to better meet your needs in the future.

LIMITED WARRANTY

Congratulations on the purchase of your new Hornady Rotary Case Tumbler. Your new unit is warranted to be free from defects in material or workmanship for a period of one (1) year from the date of purchase. This warranty is extended only to the original consumer purchaser. Should you believe that your Hornady Case Tumbler is defective in material or workmanship, you must return it to Hornady Manufacturing.

All tool return claims must have a Return Authorization (RA) number assigned before acceptance at our facility for further examination. Please DO NOT send tool items without obtaining a RA number from our Customer Service staff.

All tool warranty claims are handled on a case-by-case basis. In order to initiate a claim, please contact our Customer Service Technicians at 800-338-3220.

Hornady Manufacturing, 3625 W Old Potash Hwy, Grand Island, NE 68803

THIS WARRANTY DOES NOT COVER DEFECTS OR DAMAGE RESULTING FROM: CARELESSNESS, MISUSE, IMPROPER INSTALLATION, MODIFICATION, OR IF YOUR VIBRATORY HAS BEEN ALTERED OR REPAIRED BY ANYONE OTHER THAN FACTORY PERSONNEL, COMMERCIAL USE OR ACTS OF NATURE (i.e. fire or flood).

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. HORNADY MANUFACTURING IS NOT LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT AND UNDER NO CIRCUMSTANCES SHALL HORNADY MANUFACTURING BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES. HOWEVER, SOME STATES DO NOT ALLOW LIMITATIONS ON INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS 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 Case Tumbler. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.



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