



Rotary Case Tumbler



INSTRUCTIONS

NOTICE

Read all instructions

General

- Do not alter or use equipment in a manner inconsistent with its intended purpose.
- Keep reloading area clean and organized.
- Wear eye protection.
- Children should have adult supervision to prevent accidents or injuries.

Warnings

- Read the “Operating Instructions” before attempting to operate the tumbler.
- Voltage is 120V/60Hz.
- The unit is equipped with a three-prong grounded cord that should be used in the correct electrical outlet.
- Only use chemicals and cleaning products designed for case cleaning.
- Avoid salvaging unusable cases.
- Do not clean loaded ammunition.
- Avoid wet floors and work areas.
- Check electrical cord for worn or frayed spots to avoid electrical hazards.
- Remove any loose jewelry prior to operating the tumbler.
- This appliance is intended for household use only.

Introduction

The National Metallic Rotary Tumbler allows reloaders to clean and polish a large volume of firearm cartridges in an efficient manner. The Tumbler includes a large (7-liter) rubber lined drum that can clean up to approximately 1,000 cartridges of .223 brass. The tumbler also features a 0- to 4-hour timer with automatic shut-off, quiet operation, solid base, and a heavy-duty, reliable gear driven motor. The National Metallic Rotary Tumbler comes completely assembled and ready for operation.

THE UNIT IS DESIGNED TO CLEAN THE CARTRIDGE OR SHELL OF AMMUNITION ONLY. PLEASE DOUBLE CHECK THAT LOADED AMMUNITION IS NOT IN THE TUMBLER BEFORE USE.

Operating Instructions

1. Unbox tumbler and set on solid, level surface.
2. Remove lid by unscrewing from opening of drum.
3. Load cases - the unit will hold approximately 1,000 .223 cases or equivalent of similar sized cases. If too much brass is added, tumbling action will become sluggish. Simply remove some of the brass.
4. For best results, add 5lbs of stainless steel media to the drum to clean the inside of cases and primer pockets.
5. Add water to the drum until the water level reaches the bottom of the drum opening.
6. Add cleaning solution to the drum, following instructions provided by the manufacturer.
7. Replace lid ensuring threads are clean and free of any debris for proper seal.
8. Place drum on the tumbler base rollers.
9. Plug power cord into a grounded electrical outlet, preferably with ground fault protection.
10. Turn the timer knob to the desired run time. Run time is dependent upon condition of cases and desired cleanliness.
11. Once cleaning is complete, unplug the unit, remove the drum from the tumbler base, and unscrew the lid.
12. Over a bucket, or in an area where the water and cleaning solution can drain away, empty drum. It is recommended to use sifters or a media separator kit (included in some versions) to separate the stainless steel media from the cases.
13. Completely rinse the brass under running water.
14. After stainless steel media has been separated from the brass, lay brass on a towel to dry.

Notes

- When not in use, store stainless steel pins in a dry location.
- If surface rust develops on stainless steel media, it can be removed by tumbling pins in a brass cleaning solution and water.
- Tumbler must be used on a flat hard surface, ideally a concrete floor.
- Ensure all stainless steel pins have been removed from brass prior to reloading.

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

IMPORTANT SAFETY INSTRUCTIONS

WARNING – When using electric appliances, basic precautions should always be followed, including the following:

- a.) Read all the instructions before using the appliance.
- b.) To reduce the risk of injury, close supervision is necessary when an appliance is used near children.
- c.) Do not contact moving parts.
- d.) Only use attachments recommended or sold by the manufacturer.
- e.) Do not use outdoors.

To disconnect, turn all controls to the off (“O”) position, then remove plug from outlet.

Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.

Unplug from outlet when not in use and before servicing or cleaning.

Do not operate any appliance with a damaged cord or plug, or after the appliance malfunctions or is dropped or damaged in any manner. Return the appliance to the nearest authorized service facility for examination, repair, or electrical or mechanical adjustment.

To reduce the risk of electrical shock, do not put any part, including the power cable or wall plug, in water or other liquid. Do not place or store appliance where it can fall or be pulled into a tub or sink.

SAVE THESE INSTRUCTIONS

Connect to a properly grounded outlet only. See “Grounding Instructions”.

GROUNDING INSTRUCTIONS

This appliance must be grounded. In the event of malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances. A qualified electrician should be consulted if there is any doubt as to whether an outlet box is properly grounded.

DANGER – Improper connection of the equipment-grounding conductor can result in a risk of electric shock. The conductor with insulation having an outer surface that is green, with or without yellow stripes, is the equipment-grounding conductor. If repair or replacement of the cord or plug is necessary, do not connect the equipment-grounding conductor to a live terminal. Check with a qualified electrician or serviceman if the grounding instructions are not completely understood, or if in doubt as to whether the appliance is properly grounded. Do not modify the plug provided with the appliance; if it will not fit the outlet, have a proper outlet installed by a qualified electrician.