

L.E.M. ELECTROMAGNETIC BRASS CLEANER

Quick Start Guide

For complete information and safety instructions, visit: www.shooting-tech.com or contact your dealer.

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EQUIPMENT

The machine L.E.M. is supplied with the components listed below:

- N.1 Washing machine
- N.1 Cylindrical tank
- N.1 Sealing lid/Cover
- N.4 Rubber feet
- N.1 Pack of micro-needles
- N.1 Power cord
- N.1 Quick start guide



ASSEMBLY

Remove all packaging materials from the machine.

Assemble the rubber feet and screw them into the bottom of the unit.

Install the machine on a stable, level surface in a well-ventilated area, ensuring a minimum clearance of 15 cm (6 inches) on all sides of the unit to allow adequate airflow..



Failure to install the rubber feet or to maintain the required ventilation clearance may result in overheating and permanent damage to the machine.

To avoid additional costs caused by transport damage, always retain and reuse the original packaging if the machine must be shipped.

CLEANING PROCESS

Place the brass cases to be cleaned into the tank together with:

- 1 pack of stainless-steel magnetic pins
- Cold water
- 1 tablespoon of liquid dishwashing detergent
- A small amount of descaling solution

The water level must completely cover the brass cases.

DANGER: Never clean loaded ammunition. Serious injury, death, or property damage may result.

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WARNING!

WARNING:

- **Maximum quantity of magnetic pins: 150 g**
- **Maximum brass capacity: 1.8 kg**
- **Maximum water and cleaning solution volume: 5 liters**
- **Use cold water only**
- **Do not press down on the lid while the tank is installed on the machine.**
- **Do not place any weight on the tank lid.**

FAILURE TO FOLLOW THESE INSTRUCTIONS MAY CAUSE PERMANENT DAMAGE TO THE MACHINE.

OPERATION

Place the lid on the tank.

Connect the power cord to the machine and to a suitable electrical outlet.

Move the power switch to the **ON** position to start the machine.

For Deluxe and Exclusive Versions select the desired operating speed.

Exclusive models include two cleaning programs:

Program 1

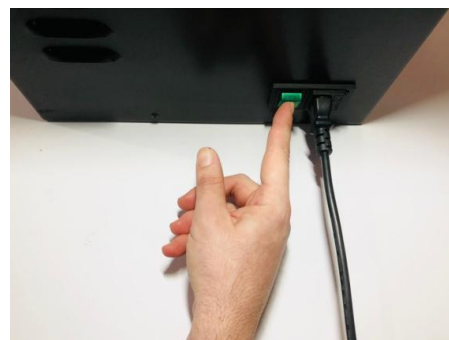
- Fully automatic
- Recommended for heavily soiled brass
- Automatically stops at the end of the cleaning cycle

Program 2

- Gentler cleaning cycle
- Motor speed can be adjusted using the potentiometer
- Automatically stops at the end of the cleaning cycle

For detailed program information, refer to the dedicated instruction sheet supplied with the machine:

<https://www.shooting-tech.com/en/download-instruction-manuals-document/>



AFTER CLEANING

When the cleaning cycle is complete:

1. Lift the tank from the machine.
2. Place a magnetic pin retriever (not included) against the outside bottom of the tank to attract and retain the magnetic pins (see picture 1 and picture 2).

Important:

The magnetic retriever contains very powerful magnets.

Do not attach the retriever to the steel housing of the machine or any other ferrous surface. Removing it may cause the magnets to detach from the tool, permanently damaging it.

Store the retriever carefully and keep it away from sensitive objects

3. Remove the lid.
4. Pour the dirty cleaning solution into a separate container.
5. Use a suitable sieve or strainer to recover the brass and rinse thoroughly with clean water (see pictures 3 and 4).

The magnetic pins retained inside the tank by the auxiliary magnet may remain in the tank and can be reused for future cleaning cycles.

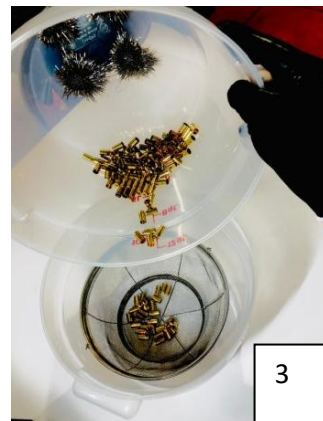
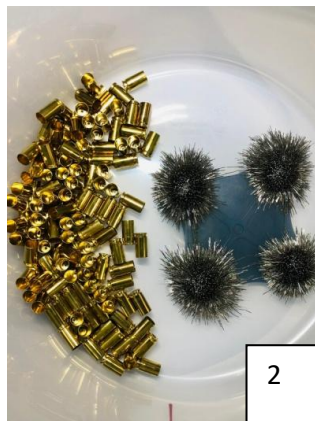
After drying (using an oven or the optional "Scirocco" brass dryer), the brass is ready for reloading and use.

TO RECOVER ANY REMAINING PINS TRAPPED INSIDE THE BRASS:

1. Place the magnetic retriever inside a plastic bag (see picture 5).
2. Pass it over the dried brass.
3. Remove the bag from the retriever.
4. Return the collected pins to the cleaning tank.

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Quick Start Guide



GENERAL SAFETY WARNINGS



- READ THE COMPLETE INSTRUCTION MANUAL BEFORE USE AND RETAIN IT FOR FUTURE REFERENCE.
- KEEP CHILDREN AWAY FROM THE MACHINE.
- PERSONS WITH PACEMAKERS MUST STAY AWAY FROM THE MACHINE.
- THE MACHINE MUST NOT BE OPERATED IN PUBLIC AREAS OR DOMESTIC ENVIRONMENTS.
- DO NOT USE THE MACHINE FOR PURPOSES OTHER THAN THOSE SPECIFIED BY THE MANUFACTURER.
- NEVER PLACE HANDS UNDERNEATH THE MACHINE WHILE IT IS OPERATING OR CONNECTED TO THE POWER SUPPLY.
- NEVER LEAVE THE MACHINE UNATTENDED DURING OPERATION.
- ALWAYS WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT (PPE), ESPECIALLY EYE, HAND, AND HEAD PROTECTION.
- THE MACHINE CONTAINS POWERFUL PERMANENT MAGNETS. NEVER REMOVE GUARDS, COVERS, OR SAFETY DEVICES. RISK OF INJURY DUE TO STRONG MAGNETIC ATTRACTION.
- DO NOT INGEST THE MAGNETIC PINS.
- ALWAYS OPERATE THE MACHINE WITH THE TANK LID INSTALLED.
- ELECTRICAL HAZARD: PREVENT LIQUIDS FROM ENTERING THE MACHINE HOUSING.

INTELLECTUAL PROPERTY NOTICE

This product is manufactured by Technique Engineering (Italy), which retains all intellectual property rights and commercial rights related to the machine.

Without prior written authorization, it is strictly prohibited to:

- Reproduce the complete machine or any of its components
- Manufacture spare parts
- Perform repairs or maintenance
- Modify the machine in any way