

## Borotto 8068056992023

# Borotto Real 49 Automatic Professional Incubator User Manual

Model: 8068056992023

## 1. INTRODUCTION

The Borotto Real 49 Automatic Professional Incubator is designed for efficient and reliable egg incubation. This manual provides essential information for the proper setup, operation, and maintenance of your incubator to ensure optimal hatching results.

Borotto patented incubators utilize vertical egg positioning during incubation, a method also employed in advanced industrial incubators. This design consistently yields significantly higher hatching percentages compared to older incubators that incubate eggs horizontally.

## 2. SAFETY WARNINGS

### Attention:

- Keep the incubator out of reach of children and pets.
- Be aware of the risk of accident associated with the automatic egg rotation mechanism. Ensure hands and foreign objects are clear during operation.
- Always disconnect the power supply before performing any maintenance or cleaning.
- Do not immerse the incubator in water or any other liquid.
- Ensure the power supply matches the specifications indicated on the product label.

## 3. KEY FEATURES

- **Patented Professional Automatic Incubator:** Designed for various poultry and bird eggs, including chicken, pheasant, guinea fowl, quail, partridge, duck, goose, turkey, peacock, coturnix, pigeon, passerine, exotic birds, and raptors.
- **High Capacity:** Accommodates 0-49 standard eggs or 196 small eggs (e.g., quail eggs) thanks to patented universal egg trays.
- **Automatic Egg Rotation:** The Real 49 Automatic continuously turns eggs throughout the incubation period.

Eggs are tilted from right to left and vice versa, completing a full cycle every 1 hour.

- **External Water Refilling:** Humidity trays can be refilled by pouring water into convenient external nozzles, minimizing humidity loss that would occur from opening the incubator.
- **Ventilated Thermal Insulation Electric Ventilation:** A silent turbine ensures internal ventilation, drawing air from below and directing it to the side walls to create a warm air barrier. This aerodynamic design guarantees uniform temperature and humidity.
- **Intelligent Temperature Control:** A sophisticated electronic system maintains a precise internal microclimate with an accuracy of 0.1 °C. The electronic system acts to keep the set value constant, even considering the external ambient temperature, thus ensuring proper embryonic development without compensation issues and with higher hatching results.

## 4. SETUP GUIDE

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1. **Unpacking:** Carefully remove all components from the packaging. Verify that all parts listed in the components section are present.
2. **Placement:** Place the incubator on a stable, level surface in a room with a consistent ambient temperature (ideally between 20-25°C / 68-77°F) and away from direct sunlight, drafts, or extreme temperature fluctuations.
3. **Initial Water Fill:** Locate the external water filling nozzles. Using distilled or demineralized water, carefully fill the internal humidity trays as instructed in the operating section.
4. **Power Connection:** Connect the power supply cable to the incubator and then plug it into a suitable electrical outlet. The display should illuminate.
5. **Pre-heating:** Allow the incubator to run for at least 2-4 hours empty to stabilize the internal temperature and humidity before placing eggs inside.



Figure 1: Front view of the Borotto Real 49 Automatic Incubator, showing the control panel and egg viewing windows.

## 5. OPERATING INSTRUCTIONS

### 5.1. Egg Placement

- Ensure eggs are clean and free from cracks.
- Place eggs vertically in the patented universal egg trays with the pointed end facing downwards.
- The incubator can hold up to 49 standard chicken eggs or 196 small quail-sized eggs.

## REEMPLISSAGE DE L'EAU DE L'EXTÉRIEUR

De cette façon, vous ne perdrez pas l'humidité créée à l'intérieur de la couveuse.



## VENTILATION INTERNE

Système BREVETE qui assure une isolation thermique efficace dans la couveuse.

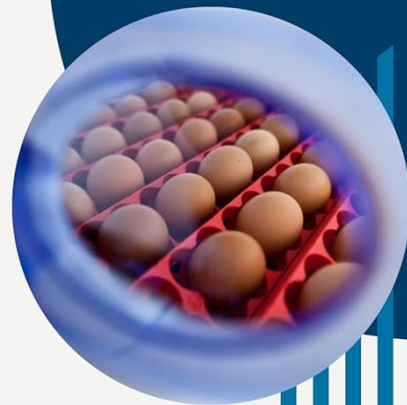


Figure 2: Diagram illustrating the egg capacity of the Borotto Real 49 Incubator, showing space for 49 normal eggs or 196 small eggs.



Figure 3: Close-up view of the patented egg trays, demonstrating their versatility for different egg sizes, including chicken and quail eggs.

## 5.2. Temperature Setting

- The incubator features an intelligent electronic control system. Refer to the specific incubation requirements for your egg type.
- Use the control panel buttons to set the desired temperature. The system will automatically maintain this temperature with high precision.

## 5.3. Humidity Management

- Maintain appropriate humidity levels by refilling the water trays as needed.
- Utilize the external water filling nozzles to add water without opening the incubator, preserving internal humidity.

# FAITES UNE PAUSE...

## Borotto s'occupe de l'incubation!

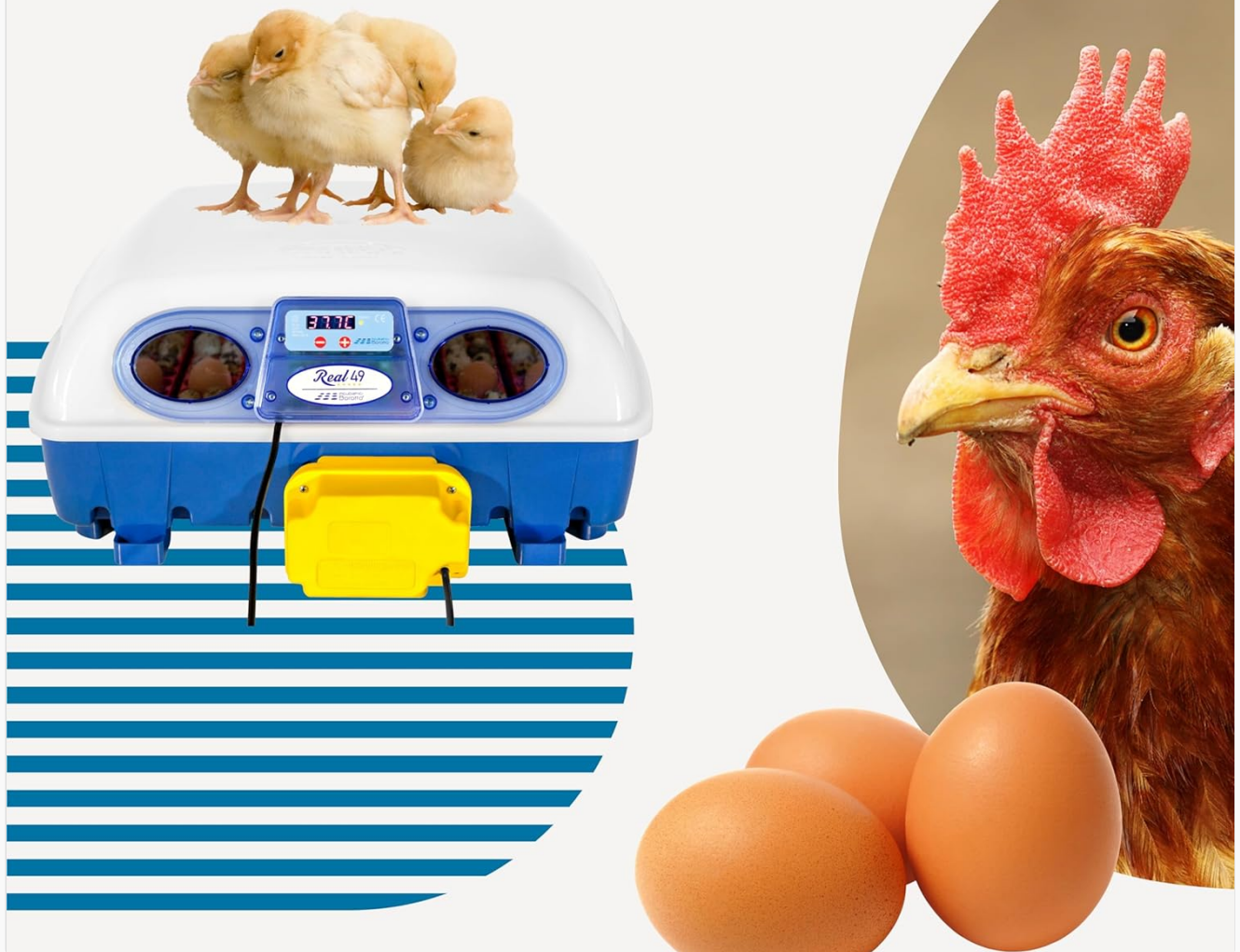


Figure 4: Illustration of the external water refilling process and the internal ventilation system, which ensures uniform temperature and humidity.

### 5.4. Automatic Egg Turning

- The incubator's automatic turning mechanism will continuously tilt the eggs.
- This process is crucial for embryonic development and prevents the embryo from sticking to the shell.
- The turning cycle is approximately 1 hour.

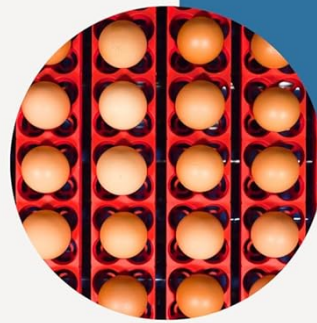


# REAL 24 INCUBATEUR AUTOMATIQUE

 Borotto®

  
MADE IN ITALY

## CAPACITÉ



  
**49 ŒUFS**  
normaux



  
**196 ŒUFS**  
petits

Figure 5: Depiction of the automatic egg turning feature, showing the mechanism that tilts the eggs throughout incubation.

## 5.5. Hatching Phase

- Towards the end of the incubation period (typically the last 3 days for chickens), remove the egg turning mechanism.
- Increase humidity as required for the hatching process.
- Do not open the incubator frequently during hatching to maintain stable conditions.

## 6. MAINTENANCE

- **Cleaning:** After each hatch, thoroughly clean the incubator. Disconnect from power. Remove all trays and wash them with a mild disinfectant solution. Wipe down the interior surfaces.
- **Water Trays:** Regularly clean the water trays to prevent mold and bacterial growth. Use distilled or demineralized water to prevent mineral buildup.
- **Storage:** When not in use, ensure the incubator is clean and dry. Store it in a cool, dry place away from direct sunlight.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Temperature fluctuations	Unstable room temperature, incubator lid not sealed properly, faulty sensor.	Move incubator to a stable environment. Check lid for proper closure. Contact support if sensor is suspected.
Low humidity	Insufficient water in trays, lid not sealed, dry ambient air.	Refill water trays regularly. Ensure lid is properly closed. Consider a room humidifier if ambient air is very dry.
Eggs not turning	Turning mechanism disconnected or jammed, motor issue.	Check connection of turning mechanism. Ensure no obstructions. If issue persists, contact manufacturer.
Poor hatch rate	Incorrect temperature/humidity, infertile eggs, improper egg handling, insufficient ventilation.	Verify temperature and humidity settings. Use fertile eggs. Handle eggs carefully. Ensure ventilation ports are clear.

## 8. SPECIFICATIONS

Attribute	Detail
Model Number	8068056992023
Brand	Borotto
Dimensions (L x W x H)	58 x 57 x 25 cm (22.8 x 22.4 x 9.8 inches)
Weight	5.5 kg (12.1 lbs)
Material	Plastic (ABS for durability)
Power Source	Electric Cable
Target Species	Poultry (Chicken, Pheasant, Quail, Duck, Goose, Turkey, etc.)
Egg Capacity	Up to 49 standard eggs or 196 small eggs
Special Features	Automatic Egg Rotation, External Water Refilling, Ventilated Thermal Insulation, Intelligent Electronic Temperature Control
Country of Origin	Italy

## 9. WARRANTY AND SUPPORT

For warranty information and technical support, please contact the manufacturer, Incubatrici Borotto di Borotto Andrea, directly. Refer to the product packaging or the official Borotto website for contact details.

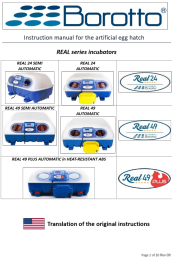
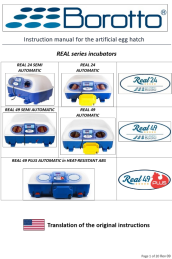
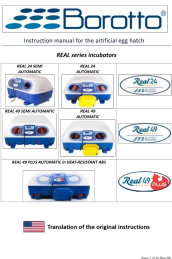


The reliability of an incubation device is its ability to maintain performance over time and provide the maximum hatching percentage. Borotto products are designed for durability, with many models made from ABS plastic for mechanical resistance and longevity, ensuring minimal heat dispersion during incubation and hatching phases.



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This manual is for informational purposes only. Specifications are subject to change without notice.

## Related Documents - 8068056992023

 <p>The thumbnail shows the cover of the Borotto REAL Series Incubator Instruction Manual. It features the Borotto logo at the top, followed by the title 'Instruction manual for the artificial egg hatch'. Below this, it lists 'REAL series incubators' and shows images of various models: REAL 24, REAL 49, and REAL 49 PLUS. At the bottom, it says 'Translation of the original instructions' and 'Page 1 of 16 (Rev. 01)'.</p>	<p><a href="#">Borotto REAL Series Incubator Instruction Manual</a></p> <p>Comprehensive instruction manual for Borotto REAL series artificial egg incubators, covering safe use, technical specifications, incubation procedures, troubleshooting, and warranty information.</p>
 <p>The thumbnail shows the cover of the Borotto REAL Series Incubator Instruction Manual - Artificial Egg Hatching Guide. It features the Borotto logo at the top, followed by the title 'Instruction manual for the artificial egg hatch'. Below this, it lists 'REAL series incubators' and shows images of various models: REAL 24, REAL 49, and REAL 49 PLUS. At the bottom, it says 'Translation of the original instructions' and 'Page 1 of 16 (Rev. 01)'.</p>	<p><a href="#">Borotto REAL Series Incubator Instruction Manual - Artificial Egg Hatching Guide</a></p> <p>Comprehensive instruction manual for Borotto REAL series artificial egg incubators, covering setup, operation, incubation of various poultry and exotic bird eggs, hatching, troubleshooting, cleaning, and warranty information.</p>
 <p>The thumbnail shows the cover of the Borotto REAL Series Egg Incubator Instruction Manual. It features the Borotto logo at the top, followed by the title 'Instruction manual for the artificial egg hatch'. Below this, it lists 'REAL series incubators' and shows images of various models: REAL 24, REAL 49, and REAL 49 PLUS. At the bottom, it says 'Translation of the original instructions' and 'Page 1 of 16 (Rev. 01)'.</p>	<p><a href="#">Borotto REAL Series Egg Incubator Instruction Manual</a></p> <p>Comprehensive instruction manual for Borotto REAL series egg incubators, covering setup, operation, maintenance, and troubleshooting for models like REAL 24, REAL 49, and REAL 49 PLUS. Learn about egg selection, incubation parameters, and hatching best practices.</p>
 <p>The thumbnail shows the cover of the BOROTTO REAL Series Egg Incubator Instruction Manual. It features the Borotto logo at the top, followed by the title 'Instructions manual for the artificial egg hatch'. Below this, it lists 'REAL series incubators' and shows images of various models: REAL 24, REAL 49, and REAL 49 PLUS. At the bottom, it says 'Translation of the original instructions' and 'Page 1 of 16 (Rev. 01)'.</p>	<p><a href="#">BOROTTO REAL Series Egg Incubator Instruction Manual</a></p> <p>Comprehensive instruction manual for BOROTTO REAL series egg incubators, covering safe usage, setup, operation, maintenance, and troubleshooting for various poultry and exotic bird eggs. Learn how to achieve optimal hatching results.</p>
 <p>The thumbnail shows the cover of the Manuel d'instructions Borotto LUMIA 8/16 : Incubateur d'œufs. It features the Borotto logo at the top, followed by the title 'Manuel d'instructions de l'incubateur artificiel d'œufs'. Below this, it lists 'Incubateur LUMIA 8/16 en ABS À ISOLATION THERMIQUE' and shows images of the LUMIA 8 and LUMIA 16 incubators. At the bottom, it says 'Traduction des instructions originales' and 'Page 1 of 16 (Rev. 01)'.</p>	<p><a href="#">Manuel d'instructions Borotto LUMIA 8/16 : Incubateur d'œufs</a></p> <p>Guide complet des instructions pour l'incubateur d'œufs Borotto LUMIA 8 et LUMIA 16. Apprenez l'utilisation, l'entretien et les meilleures pratiques pour une éclosion réussie.</p>



## [Manuel d'instructions : Incubateurs Borotto Série REAL](#)

Guide complet des instructions pour les incubateurs d'œufs Borotto de la série REAL. Découvrez les caractéristiques, l'utilisation, la maintenance et les conseils pour une incubation réussie.