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> Ravensburger GraviTrax Elevation Action-Set Instruction Manual - Model 12020011

## Ravensburger 12020011

# Ravensburger GraviTrax Elevation Action-Set Instruction Manual

Model: 12020011

## INTRODUCTION

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The GraviTrax Elevation Action-Set is designed to expand your GraviTrax marble run system, allowing for multi-level track designs and gravity-powered stunts. This set introduces elements like the Turbo Lift and Transfer, enabling complex and dynamic marble paths. GraviTrax is a flexible, expandable magnetic marble track system that encourages exploration of physics principles through hands-on construction and experimentation. All GraviTrax BASE, PRO, and expansion sets are compatible, offering extensive building possibilities.

## WHAT'S INCLUDED

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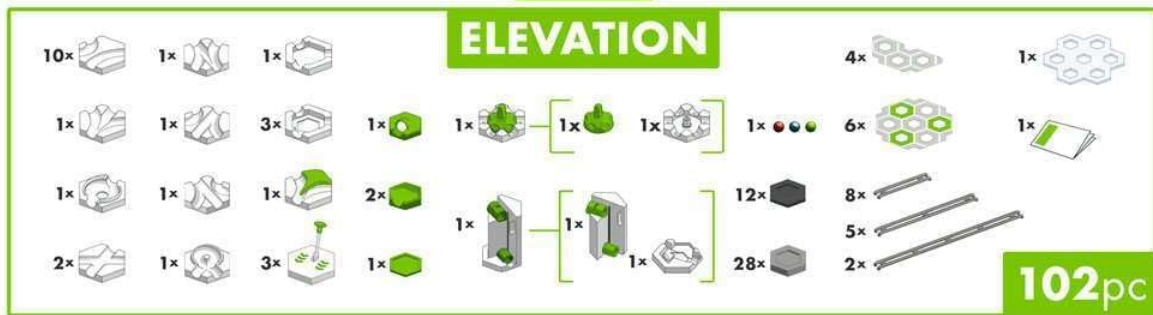
This Elevation Action-Set contains over 90 components to enhance your GraviTrax experience. Please verify all components are present before beginning assembly.

# GRAVITRAX



ENDLESS BUILDING  
POSSIBILITIES  
POSSIBILITÉS DE  
CONSTRUCTION INFINIES  
UNENDLICH VIELE  
BAUMÖGLICHKEITEN

## ACTION-SET



**8+** YEARS | ANS  
[GRAVITRAX.COM](http://GRAVITRAX.COM)

Made in Czech Republic  
Fabriqué en République tchèque

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FREE APP  
APPLI GRATUITE



Image: Detailed view of all components included in the GraviTrax Elevation Action-Set, showing quantities and types of track pieces, base plates, and action elements.

Key components include:

- Hexagonal Base Plates (6 pieces)
- Half Hexagonal Base Plates (4 pieces)
- Small Transparent Level (1 piece)
- Spinning Starter (1 piece)
- Base Stone Closed (1 piece)
- Finish Plate (1 piece)
- Base Stone Opened (3 pieces)
- Freefall (1 piece)
- Catchers (2 pieces)
- Turbo Lift elements
- Transfer elements
- Unique Curve Stones
- Various track pieces and height tiles

## SETUP INSTRUCTIONS

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1. **Unpack Components:** Carefully remove all pieces from the packaging. It is recommended to organize the components by type for easier access during construction.
2. **Prepare Your Building Surface:** Choose a flat, stable surface for your marble run. Ensure there is enough space to accommodate your desired track layout.
3. **Begin Construction:** Refer to the included track ideas for inspiration, or design your own multi-level layouts. Start by placing base plates and then add height tiles and track pieces to create your desired path. Ensure all connections are secure.
4. **Integrate Action Elements:** Place action elements such as the Turbo Lift, Transfer, Freefall, and Catchers at strategic points in your track to create dynamic marble interactions.
5. **Place Marbles:** Once your track is constructed, place a marble at the designated starting point.



Image: A marble rolling through a constructed GraviTrax track, demonstrating the flow and interaction with various elements.

## OPERATING INSTRUCTIONS

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Operating the GraviTrax Elevation Action-Set involves designing, building, and observing the marble's journey.

1. **Design Your Track:** Plan your marble run layout, considering how gravity and the action elements will influence the marble's speed and direction. Experiment with different heights and curves.
2. **Build and Connect:** Assemble the track pieces and action elements according to your design. Ensure all connections are firm to prevent marbles from derailing.
3. **Launch Marbles:** Place one or more marbles at the starting point of your track. Observe their movement, acceleration, and interaction with the various elements.
4. **Experiment and Refine:** If a marble gets stuck or the track does not perform as expected, adjust the layout, height, or placement of elements. This iterative process is central to the GraviTrax experience.



Image: Two children and an adult collaboratively building and interacting with a GraviTrax marble run, demonstrating hands-on play.

## MAINTENANCE

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To ensure the longevity and optimal performance of your GraviTrax Elevation Action-Set, follow these simple maintenance guidelines:

- **Cleaning:** Wipe components with a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used. Avoid harsh chemicals or abrasive cleaners, as these can damage the plastic.
- **Storage:** Store all components in a clean, dry place away from direct sunlight and extreme temperatures. Keeping the pieces organized in their original packaging or a suitable storage container will prevent loss and damage.
- **Inspection:** Periodically inspect all pieces for any signs of wear or damage. Replace any broken or severely worn components to maintain safe and effective play.

## TROUBLESHOOTING

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If you encounter issues with your GraviTrax Elevation Action-Set, consider the following troubleshooting steps:

- **Marbles Getting Stuck:**
  - Check track connections for proper alignment.
  - Ensure sufficient height difference for gravity to propel the marble.

- Verify that action elements are correctly assembled and not obstructing the marble's path.
- **Track Instability:**
  - Ensure base plates are on a flat, stable surface.
  - Confirm all height tiles and track pieces are securely interlocked.
  - Avoid excessive overhangs without proper support.
- **Action Elements Not Functioning:**
  - Review the specific instructions for each action element to ensure correct assembly and placement.
  - Check for any debris or obstructions within the mechanism.

## SPECIFICATIONS

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|                              |                                                                                          |
|------------------------------|------------------------------------------------------------------------------------------|
| <b>Model Number</b>          | 12020011                                                                                 |
| <b>Product Dimensions</b>    | 44 x 64 x 13 cm (L x W x H)                                                              |
| <b>Item Weight</b>           | 1.95 kg                                                                                  |
| <b>Material</b>              | Plastic                                                                                  |
| <b>Recommended Age</b>       | 8 - 100 years                                                                            |
| <b>Country of Origin</b>     | Czech Republic                                                                           |
| <b>Educational Objective</b> | Critical Thinking, Logical Thinking, Problem Solving, Reasoning Skill, Spatial Awareness |

## WARRANTY AND SUPPORT

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Specific warranty information for the Ravensburger GraviTrax Elevation Action-Set is not provided in this document. For detailed warranty terms and conditions, please refer to the product packaging or contact Ravensburger customer support directly.

For further assistance, missing parts, or technical support, please visit the official Ravensburger website or contact their customer service department. Contact information can typically be found on the product packaging or on the Ravensburger website.