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## TYCOLE T2141

# TYCOLE Flying Dutchman Pirate Ship Building Set

Model: T2141

## Introduction

This instruction manual provides detailed guidance for assembling and operating your TYCOLE Flying Dutchman Pirate Ship Building Set, Model T2141. This set allows you to construct a detailed model of the legendary Flying Dutchman, featuring 2159 building blocks and integrated lighting. Please read all instructions carefully before beginning assembly to ensure a smooth and enjoyable building experience.

## Safety Information

- **Warning:** Not for children under 3 years due to small parts which may present a choking hazard.
- Adult supervision is recommended during assembly, especially for younger builders.
- Keep all packaging materials away from children.
- Ensure all connections are secure to prevent the model from falling apart.

## Package Contents

Your TYCOLE Flying Dutchman Pirate Ship Building Set package should contain the following items:

- Approximately 2159 building blocks, sorted into numbered bags.
- Integrated lighting components.
- Instruction Manual (this document).
- Assembly tools (if included in your specific package).
- 2 LR41 batteries (pre-installed or included separately for lighting).

Please verify all components are present before starting assembly. If any parts are missing, please contact customer support.

## Assembly Instructions

Assembly of the Flying Dutchman model is a detailed process, estimated to take 10-12 hours. Follow the step-by-step instructions provided in the included booklet. The building blocks are typically organized into small, numbered packets corresponding to specific assembly stages.

### General Assembly Tips:

1. **Organize Your Workspace:** Clear a large, well-lit area. Open one numbered bag of blocks at a time to avoid mixing pieces.

2. **Follow the Manual:** Refer to the colorful instruction booklet for each step. Pay close attention to the orientation of pieces.
3. **Secure Connections:** Ensure each block is firmly pressed into place. Loose connections can lead to instability.
4. **Patience is Key:** This is an intricate model. Take your time and enjoy the building process. If a step seems difficult, re-examine the diagram.




**Figure 1:** The complete TYCOLE Flying Dutchman Pirate Ship model and its packaging. This image provides an overview of the final assembled product and the box it comes in.

## Key Assembly Stages:

1. **Base Construction:** Begin by assembling the ship's base and hull structure. This forms the foundation for the entire model.
2. **Deck and Interior Details:** Proceed to build the main deck, including any interior sections or lower levels as indicated.
3. **Mast and Sail Assembly:** Construct the three masts and attach the worn-out sails. Ensure sails are oriented correctly to reflect the ghost ship aesthetic.
4. **Detailing and Accessories:** Add intricate details such as cannons, treasure chests, spider webs, and other decorative elements that give the ship its unique character.
5. **Lighting Integration:** Install the integrated lighting components as instructed. This typically involves placing small LED bricks or light strings within specific sections of the model.

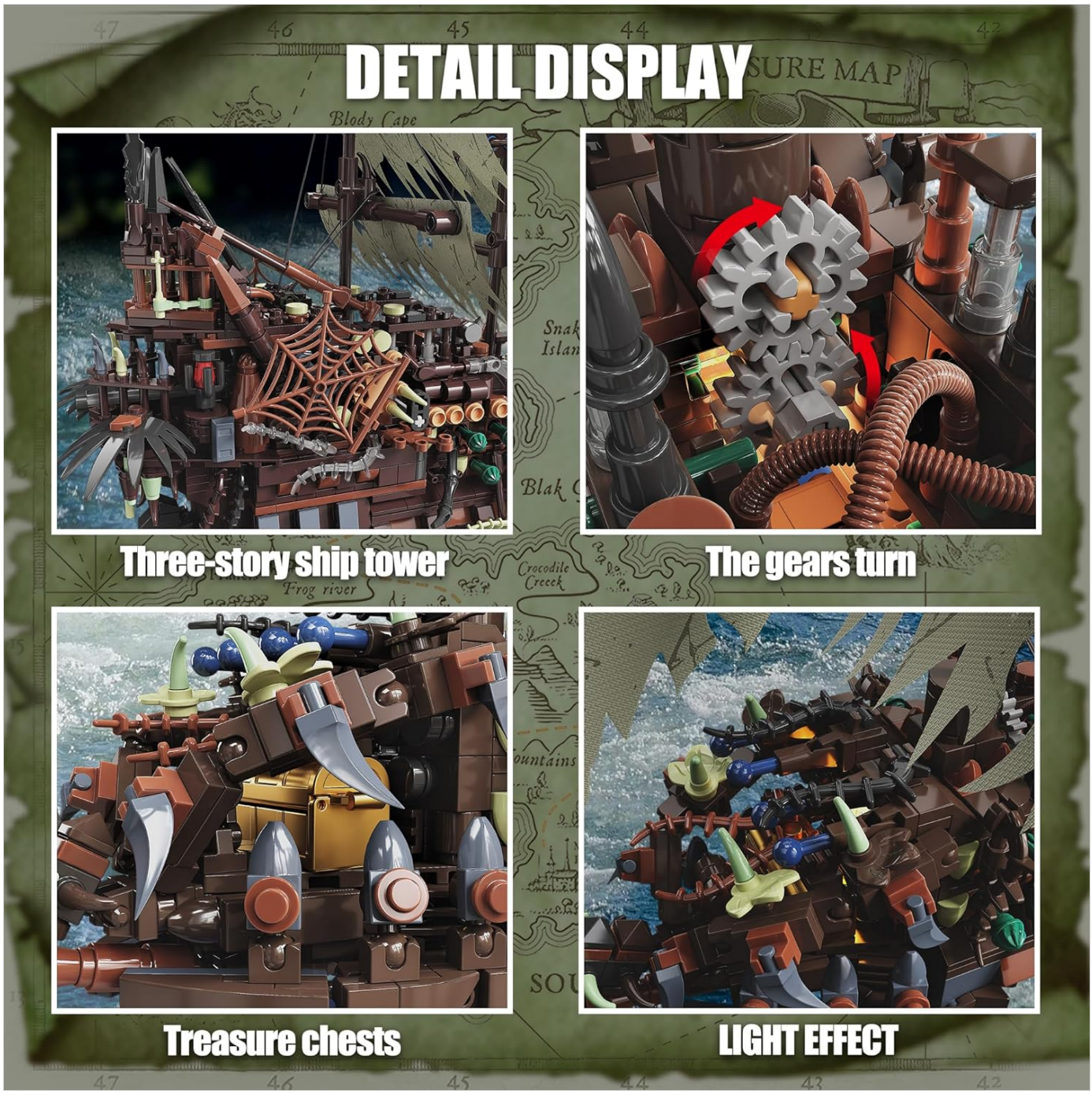



**Figure 2:** Close-up details of the model, highlighting the functional gears, hidden treasure chests, and the subtle light effect. This image demonstrates the intricate features to be assembled.




**Figure 3:** An example of the assembly process, showing the model being built. This illustrates the scale and complexity of the project.

## Operating Instructions (Lights)

Your Flying Dutchman model includes built-in lights to enhance its appearance. These lights are powered by 2 LR41 batteries, which are included with the set.

1. **Locate the Switch:** During assembly, you will integrate the lighting module. The instruction manual will specify the exact location of the power switch on the finished model.
2. **Turn On/Off:** To activate the lights, simply toggle the power switch to the "ON" position. To turn them off, toggle the switch to the "OFF" position.
3. **Battery Replacement:** If the lights dim or stop working, it may be time to replace the LR41 batteries. Refer to the assembly manual for instructions on accessing the battery compartment. Ensure correct polarity when inserting new batteries.

## Maintenance

To keep your TYCOLE Flying Dutchman model in optimal condition, follow these simple maintenance guidelines:

- **Cleaning:** Dust the model regularly with a soft, dry cloth or a soft brush. Avoid using water or chemical cleaners, as these can damage the plastic blocks or electronic components.
- **Storage:** Store the model in a stable location away from direct sunlight, extreme temperatures, and high humidity to prevent discoloration or warping of the blocks.
- **Handling:** Handle the model carefully, especially when moving it, to prevent pieces from detaching.

## Troubleshooting

If you encounter any issues during or after assembly, refer to the following common problems and solutions:

| Problem | Possible Cause | Solution |
|---|---|---|

| Problem | Possible Cause | Solution |
|---|---|---|
| Pieces do not fit together properly. | Incorrect piece orientation; manufacturing variation; insufficient force applied. | Double-check the instruction manual for correct orientation. Apply firm, even pressure. If a piece consistently doesn't fit, ensure it's the correct piece for that step. |
| Model is unstable or falls apart easily. | Loose connections; incorrect assembly sequence; missing pieces. | Review previous steps to ensure all blocks are securely connected. Verify no steps were skipped or pieces missed. |
| Lights are not working. | Power switch is off; dead batteries; incorrect battery installation; faulty wiring. | Ensure the power switch is in the "ON" position. Check and replace LR41 batteries, ensuring correct polarity. Verify all lighting connections were made correctly during assembly. |
| Missing pieces. | Packaging error; pieces misplaced during assembly. | Carefully check your workspace and packaging. If pieces are genuinely missing, contact TYCOLE customer support with details of the missing part (as described in the manual). |

## Specifications

- **Model Number:** T2141
- **Brand:** TYCOLE
- **Number of Pieces:** 2159
- **Assembled Dimensions (L x W x H):** Approximately 16.61 in x 5.28 in x 12.95 in (42.2 cm x 13.4 cm x 32.9 cm)
- **Item Weight:** 2.79 pounds
- **Recommended Age:** 6 years and up (Manufacturer recommended age)
- **Batteries Required:** 2 x LR41 (included)
- **Material:** Premium ABS materials




**Figure 4:** Product dimensions of the assembled Flying Dutchman model, indicating length, width, and height.

## Warranty and Support

TYCOLE building block sets are crafted from premium ABS materials and have successfully passed CPC, CE, and CCPSA testing and certification. Should you encounter any issues, such as missing parts during assembly, please do not hesitate to reach out to TYCOLE customer support. We are committed to providing you with a satisfactory solution.
For support, please refer to the contact information provided on the product packaging or the official TYCOLE website.

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