Kato 23-240

Kato N 3-Stall Roundhouse (Model 23-240) Instruction Manual

Precision Railroad Models

Introduction

The Kato N 3-Stall Roundhouse (Model 23-240) is a detailed model structure designed for N-scale model railway layouts. This three-track roundhouse serves as an engine depot, providing a realistic setting for storing and maintaining locomotives. Its modular design allows for multiple units to be placed adjacently, enabling the creation of larger engine facilities to suit various layout sizes and operational needs.

Important Safety Information

WARNING: CHOKING HAZARD - SMALL PARTS! This product contains small components that may pose a choking hazard. It is **NOT INTENDED FOR CHILDREN UNDER 3 YEARS OF AGE**. Adult supervision is recommended during assembly and operation, especially when children are present.
Always handle model railway components with care to prevent damage or injury. Keep all packaging materials away from children.

Package Contents

Upon opening the package, please verify that all components are present and undamaged. The Kato N 3-Stall Roundhouse package typically includes the following items:

- One (1) 3-Stall Roundhouse structure
- One (1) 3-Track Base section
- One (1) Sheet of Decals for detailing

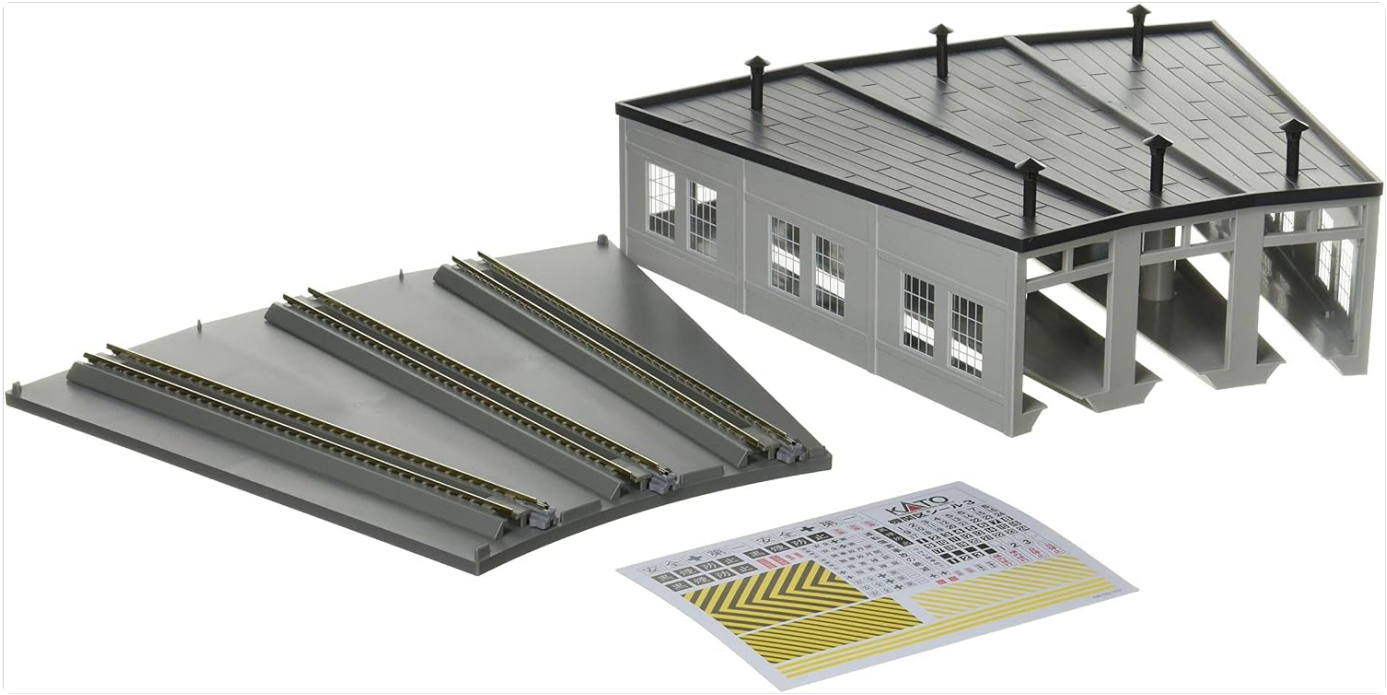


Image: Main components of the Kato N 3-Stall Roundhouse. This includes the grey roundhouse building, the grey track base with three tracks, and a sheet of yellow and black decals.

Setup and Assembly

The Kato N 3-Stall Roundhouse is designed for straightforward assembly. Follow these steps to integrate it into your N-scale layout:

1. Attaching the Roundhouse Structure to the Track Base

1. Carefully align the roundhouse building with the designated slots or pegs on the 3-track base section.
2. Gently press the building onto the base until it securely clicks into place. Ensure all connection points are firm.
3. Inspect the windows. During shipping, some windows may become dislodged. If any windows have fallen out, carefully snap them back into their frames.

2. Integrating with Your Layout and Turntable

The 3-track base is designed to connect seamlessly with Kato Unitrack components, including turntables. Refer to the basic setup diagram for typical configurations:

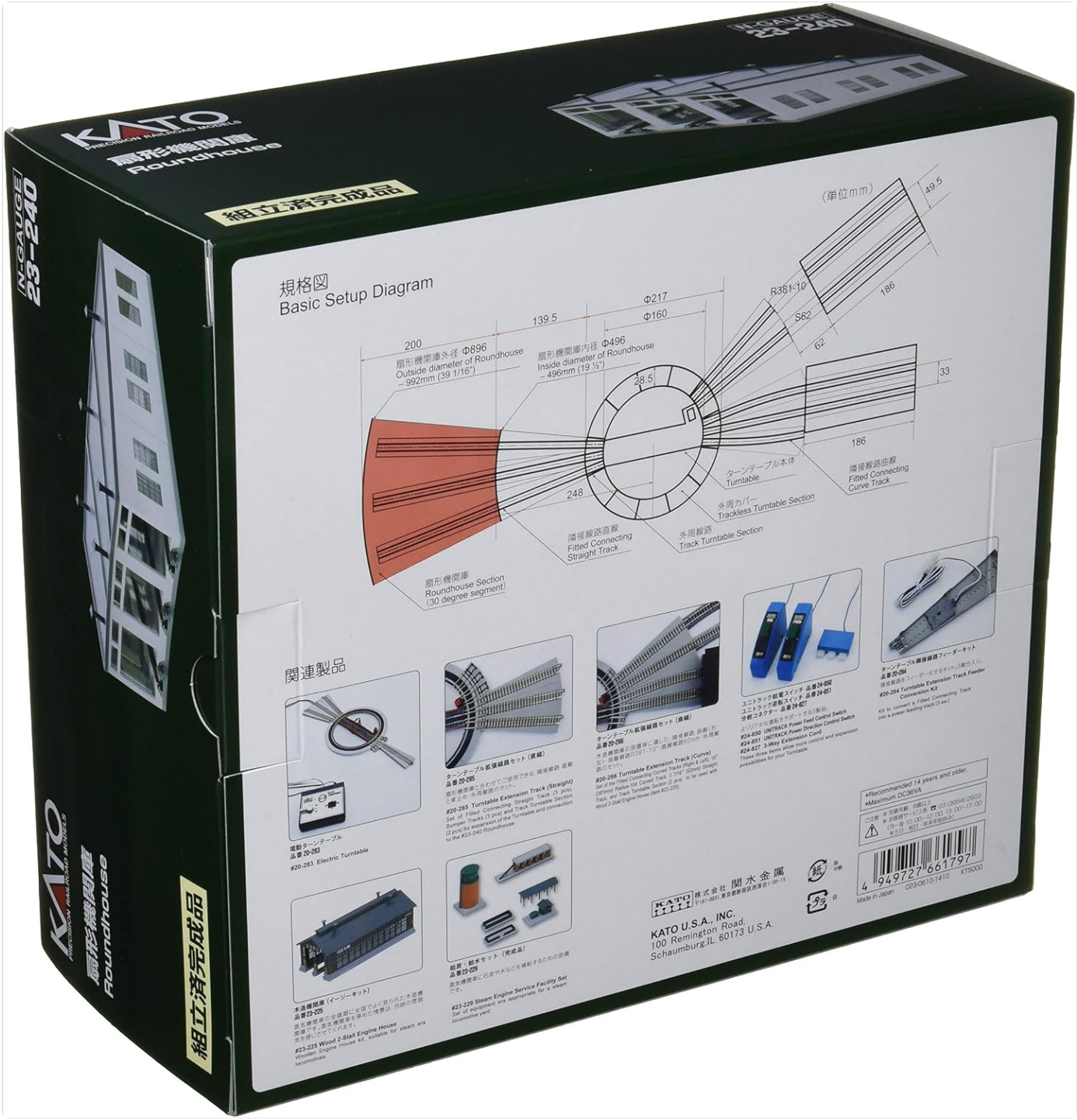


Image: Basic Setup Diagram for the Kato N 3-Stall Roundhouse. The diagram illustrates how the roundhouse connects to a turntable (e.g., Kato 20-283 Turntable) via specific track sections, including a turntable section and fitted connecting track. Dimensions in millimeters are also shown.

- The curved end of the track base is intended to connect to a turntable. Specific track sections (e.g., "Turntable Section" and "Fitted Connecting Track") are used to bridge the gap between the roundhouse and the turntable.
- Ensure proper alignment and secure connections between all track pieces to prevent derailments.
- Multiple roundhouses can be joined side-by-side to create a larger engine shed. While no specific connection brackets are included, careful placement allows for a cohesive appearance.

3. Applying Decals

The included decal sheet provides various signs and markings to enhance the realism of your roundhouse. Carefully cut out the desired decals and apply them according to your preference, using standard decal application techniques for model kits.

Operating Your Roundhouse

Once assembled and integrated into your layout, the roundhouse functions as a static display and storage facility for your N-scale locomotives.

- **Locomotive Storage:** Drive your N-scale locomotives onto the tracks within the roundhouse stalls for storage or display.
- **Turntable Integration:** If connected to a turntable, use the turntable to rotate and direct locomotives into or out of specific roundhouse stalls.
- **Realistic Operations:** The roundhouse enhances the realism of your layout, allowing for scenarios such as engine servicing, overnight storage, or preparation for a run.

Maintenance and Care

To ensure the longevity and appearance of your Kato N 3-Stall Roundhouse, follow these simple maintenance guidelines:

- **Dusting:** Regularly dust the roundhouse and track sections with a soft, dry brush or a lint-free cloth to prevent dust buildup, which can affect appearance and track conductivity.
- **Cleaning:** For stubborn dirt, lightly dampen a cloth with water (and a tiny amount of mild soap if necessary), then gently wipe the surfaces. Avoid harsh chemicals or abrasive cleaners, as these can damage the finish.
- **Track Maintenance:** Keep the track rails within the roundhouse clean to ensure good electrical contact for locomotives. Use a track cleaning tool or a soft cloth with a small amount of track cleaning fluid.
- **Storage:** When not in use for extended periods, store the roundhouse in a clean, dry environment away from direct sunlight and extreme temperature fluctuations.

Troubleshooting

Here are solutions to common issues you might encounter with your roundhouse:

Problem	Possible Cause	Solution
Windows are loose or have fallen out.	Vibrations during shipping or handling.	Gently snap the windows back into their designated frames. Ensure they are seated securely.
Roundhouse building does not sit flush on the track base.	Improper alignment or debris in connection points.	Remove the building, check for any obstructions in the connection slots/pegs, and re-align carefully before pressing down firmly.
Locomotives do not run smoothly on roundhouse tracks.	Dirty track rails or poor electrical connection.	Clean the track rails within the roundhouse using a track cleaning tool or a soft cloth. Ensure all track connections to the main layout are secure.

Specifications

Detailed specifications for the Kato N 3-Stall Roundhouse (Model 23-240):

- **Model Number:** 23-240
- **Scale:** N Scale
- **Product Dimensions:** Approximately 9.69 x 8.66 x 4.25 inches (24.6 x 22.0 x 10.8 cm)
- **Item Weight:** Approximately 1.3 pounds (0.59 kg)
- **Manufacturer:** Kato
- **Stalls:** 3
- **Compatibility:** Designed for use with Kato Unitrack system, especially turntables (sold separately).

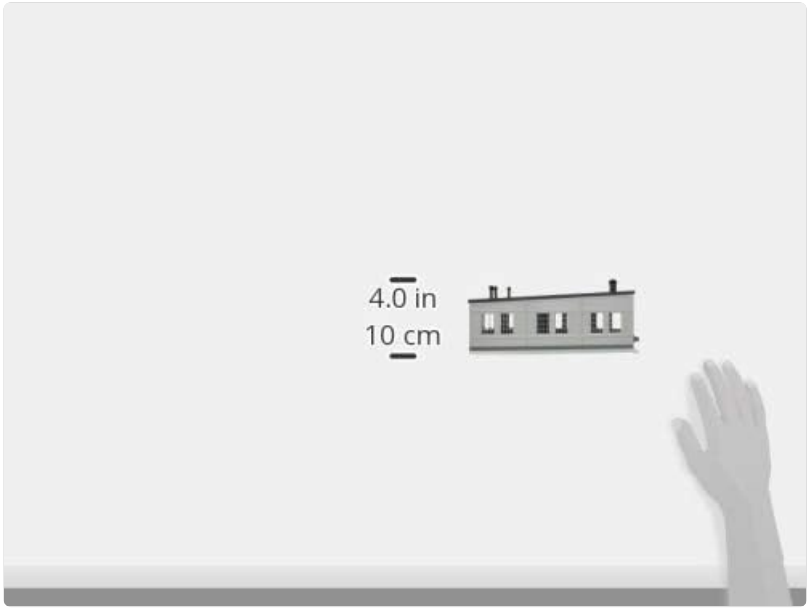


Image: Scale reference for the Kato N 3-Stall Roundhouse, indicating a height of approximately 4.0 inches (10 cm) for the building structure.

Warranty and Support

For information regarding product warranty, returns, or technical support, please refer to the official Kato website or contact their customer service department. Keep your purchase receipt as proof of purchase.
Kato USA Website: www.katousa.com

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