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› [TAMIYA 78025 Japanese Battleship Yamato Model Kit Instruction Manual](#)

TAMIYA TM78025

TAMIYA 78025 Japanese Battleship Yamato Model Kit Instruction Manual

INTRODUCTION

This instruction manual provides detailed guidance for the assembly, painting, and display of the TAMIYA 78025 Japanese Battleship Yamato Model Kit. This kit allows for the creation of a highly detailed replica of the Imperial Japanese Navy's lead battleship, Yamato, known for its significant size and armament. Please read all instructions carefully before beginning assembly.

SAFETY INFORMATION

- **Recommended Age:** This model kit is recommended for individuals 15 years and older due to the complexity and presence of small parts.
- **Small Parts Warning:** The kit contains numerous small parts which may pose a choking hazard. Keep out of reach of small children.
- **Adhesives and Paints:** Use adhesives and paints in a well-ventilated area. Refer to the specific product safety data sheets for any chemicals used.
- **Sharp Tools:** Assembly requires the use of sharp tools such as hobby knives and nippers. Exercise caution to prevent injury.

PACKAGE CONTENTS

The TAMIYA 78025 Japanese Battleship Yamato Model Kit includes all necessary plastic parts, photo-etched components, decals, and a comprehensive instruction booklet. Please verify all parts are present before starting assembly.



Image: Overview of the Tamiya 78025 Japanese Battleship Yamato Model Kit box and its contents, including sprues, photo-etched parts, and instruction manual.

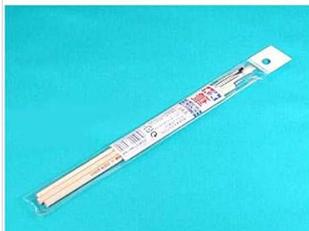
- Plastic parts for hull (full or waterline options), superstructure, weapons, and various fittings.
- Photo-etched parts for fine details such as ladders, radar, cable reels, crane booms, aircraft details, and catapult rails.
- Decals for hull markings and aircraft insignia.
- Color painting guide and printed paper flag sheet.
- Display stand components.
- Metal propeller shafts.
- FM1 and E13A seaplanes.

RECOMMENDED TOOLS AND MATERIALS

The following tools and materials are recommended for optimal assembly and finish:

Empfohlenes Werkzeug / Recommended Tools

Werkzeuge / Tools



Art. Nr.	Bezeichnung
300074003	Pinzette abgewinkelt
300074013	Cutter-Messer
300074031	Decal-Schere
300074035	Seitenschneider Spitz für Kunststoff
300087066	Pinset-Set "Basic"
300087031	Masking Tape 10mm mit Abroller
300087003	Plastikkleber 40ml Tamiya
300087038	Plastikkleber 40ml extradünn Tamiya
300087135	Mark Fit (Strong) Dekorweichmacher 40ml
300087193	Decal Adhesive Soft / Haftmittel 10ml

Klebstoffe / Cement:



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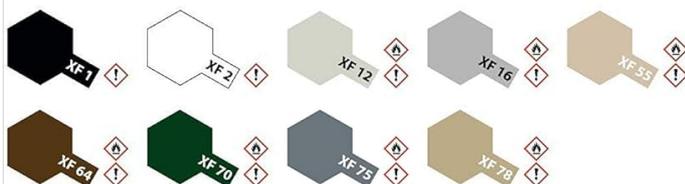
Image: A selection of recommended tools for model kit assembly, including precision nippers, angled tweezers, a hobby knife, and masking tape.

- **Plastic Cement:** For bonding plastic parts.
- **Nippers/Side Cutters:** For cleanly removing parts from sprues.
- **Hobby Knife:** For trimming excess plastic and fine detailing.
- **Tweezers:** Essential for handling small parts and photo-etched components.
- **Sandpaper/Sanding Sticks:** For smoothing seams and rough edges.
- **Masking Tape:** For precise painting and holding parts during assembly.
- **Small Drill Bits:** May be required for creating holes as indicated in the instructions.

For painting, refer to the included color guide. Tamiya XF-Acrylic paints (flat) and X-Acrylic paints (gloss) are typically recommended.

Benötigte Farben / Paints required

XF-Acryl Farben matt / XF-Acrylic Paints flat



X-Acryl-Farben glänzend / X-Acrylic Paints gloss, 23ml



TS -Sprühfarben für Kunststoffe /TS-Paint Spray for Plastics, 100ml



Art. Nr.	Bezeichnung
300081301	XF-1 Schwarz matt 23ml
300081302	XF-2 Weiss matt 23ml
300081312	XF-12 Jap. Navy Grau matt 23ml
300081316	XF-16 Aluminium matt 23ml
300081355	XF-55 Deck Tan (Hellbraun) matt 23ml
300081364	XF-64 Rot-Braun matt 23ml
300081370	XF-70 Dunkel Grün matt 23ml
300081775	XF-75 IJN Grau matt (Kure) 10ml
300081778	XF-78 Holzdeck Hellbraun matt 10ml
300081007	X-7 ROT glänzend 23 ml
300081010	X-10 GUN METALL glänzend 23 ml
300081011	X-11 CHROM SILBER glänzend 23 ml
300081012	X-12 Blatt-Gold glänzend 23 ml
300081028	X-28 Parkgrün glänzend 23ml
300085033	TS-33 Rumpf-Rot matt 100ml
300085066	TS-66 IJN Grau Kure Arsenal matt 100ml
300085068	TS-68 Holzdeck Hellbraun matt 100ml
300081020	X-20A Verdünner 23ml Acryl

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Image: A chart displaying recommended Tamiya XF (flat) and X (gloss) acrylic paints, along with TS spray paints, for coloring the model.

ASSEMBLY INSTRUCTIONS

Follow the numerical steps in the included instruction booklet. This section provides a general overview of the assembly process.

1. Hull Assembly

- Decide between a full hull or waterline display. The kit provides options for both.
- Assemble the internal reinforcing structure within the hull halves.
- Attach the pivoting rudders and metal propeller shafts.

2. Deck and Superstructure

- Carefully attach the main deck sections, ensuring proper alignment.
- Begin assembling the multi-layered superstructure components. Pay close attention to the fit of each section.
- Integrate the durable ABS mast components as indicated.



Image: A detailed view of the assembled superstructure of the Tamiya Yamato model, showcasing intricate details and various weapon emplacements.

3. Main Gun Turrets and Secondary Armament

- Assemble the 18-inch gun turrets, including interior details and barbette components.
- Utilize the interchangeable blast bags to position the main guns at either high or standard elevation.
- Attach all secondary and anti-aircraft weaponry to their designated positions on the deck and superstructure.



Image: A close-up of one of the main gun turrets, highlighting the detailed gun barrels and blast bags.

4. Aircraft and Small Boats

- Assemble the FM1 and E13A seaplanes.
- Attach the ship's various small boats and launch mechanisms.
- Position the optional hangar doors as desired.



Image: The aft deck of the Tamiya Yamato model, featuring reconnaissance seaplanes on their catapults and other deck details.

5. Photo-Etched Parts and Fine Details

- Carefully attach the photo-etched parts for railings, ladders, radar, and other intricate details using appropriate adhesive.
- Install the anchor chain and other fine deck fittings.

6. Decals and Finishing

- Apply decals for hull markings and aircraft insignia according to the guide.
- Attach the printed paper flag sheet.



Image: A complete view of the Tamiya 78025 Japanese Battleship Yamato model, showcasing its full hull, detailed superstructure, and armament.

PAINTING GUIDE

Refer to the included color painting guide for recommended paint colors and application techniques. Achieving a realistic finish often involves multiple layers and weathering effects. Ensure proper ventilation when painting.

DISPLAYING YOUR MODEL

The kit includes components for a display stand. Assemble the stand according to the instructions and securely mount your completed Yamato model. Choose a stable, level surface away from direct sunlight and extreme temperatures to prevent damage or fading.

MAINTENANCE

- **Cleaning:** Dust your model regularly with a soft brush or compressed air to prevent dust buildup in intricate areas. Avoid using harsh chemicals or abrasive materials.
- **Storage:** If storing the model, place it in a protective display case or a sturdy box to prevent accidental damage.

TROUBLESHOOTING

- **Missing Parts:** Carefully check all sprues and the box for any small parts that may have detached during shipping. If a part is genuinely missing, contact Tamiya customer support.
- **Poor Fit:** Ensure all gates are cleanly removed from parts and any excess plastic (flash) is trimmed. Light sanding may be required for a perfect fit.
- **Decal Application Issues:** Use decal setting solutions to help decals conform to irregular surfaces and eliminate silvering.

SPECIFICATIONS

Feature	Detail
Brand	TAMIYA
Model Name	Japanese Battleship Yamato
Model Number	TM78025
Scale	1/350
Material	Plastic
Number of Pieces	90
Completed Model Length	Approximately 29.6 inches (75.2 cm)
Recommended Age	15 years and up
Included Components	Model Kit (plastic parts, photo-etched parts, decals, display stand)

WARRANTY INFORMATION

Specific warranty information for this model kit is not provided. Please refer to the retailer's return policy or contact Tamiya directly for any concerns regarding manufacturing defects.

CUSTOMER SUPPORT

For further assistance, questions regarding parts, or assembly tips, please consult the official Tamiya website or contact their customer service department. Many online model building communities also offer valuable advice and support.