



Garrett Wade

Technical Memo T19

Re: 22T01.01 22T03.01 22T04.01 22T05.01

To Customers of the Historic Ship Model Kits
From The GarrettWade Technical Department

Congratulations on having selected this beautiful historic ship model. We are confident this kit will provide a unique challenge, many hours of creative endeavor and, upon completion, a great sense of accomplishment and pride. Fine historic ship models almost always enjoy a place of honor in the homes of their “shipwrights”.

Scaled model ships have been found in the tombs of the Egyptian pharaohs; they have been used for centuries by the great naval powers in the evolution of ship design, as well as, vessel-identification during war; and exquisite examples of model ships can be found in the collections of the great historical and art museums of the world. As long as man has been sailing the seas, he has built replicas of the ships in which he does so, and by undertaking this challenging project, you participate in this ancient and honored tradition.

Recommended Tools

Many of the tools you will need may already be a part of your workshop. We found the following useful:

Craft knife, blades	Ruler, metric, imperial
Fret Saw	Caliper
Fine Tooth Razor Saw	Squares
Jewelers Hammer	Awl
Set of Small Chisels	Small Block Plane
Fine Tooth Rasp	Scrapers
Rifflers	Sandpaper
Nail Set	Sanding Block
Needle-nose Pliers	Flexible Spatula
Flat-tip Pliers	Magnifying Glass
Side-cutting Pliers	Scissors
Wire Cutters	Pencils
Tweezers	Clothespins
Dividers	Toothpicks
Archimedes Drill, bits	Micro-Brushes
Small Clamps	Small Vise

For further assistance, call the Garrett Wade Technical Department at 800 221 2942, or email us at mail@garrettwade.com

For your convenience, we have assembled the following kits, which each feature tools specific to the needs of the model builder:

The Essential Tool Kit (23T01.10) includes a craft knife with 15 blades in three shapes, a mini-hammer, 10 rubber tipped clamps, 6 tweezers, a brad pusher, 4 1/2" needle nose pliers and a plank bender.

The Advanced Tool Kit (23T01.20) includes a keel/hull clamp, a small Archimedes hand drill with 10 mini-bits, a mini pry bar set, 4 1/2" diagonal cutting pliers, a 3" table vise and a double "helping-hands" with a 2 1/2" magnifying-glass.

Preparation

Building a model ship requires care, patience, precision and, above all, a lot of time. You will need a well lighted, comfortable workspace which you can devote exclusively to this project through completion, which could certainly be months if you tackle one of the more advanced models. You will want a well organized work surface, with separate areas for fabricating parts and assembly, and plenty of storage for small parts (*we use the 32 Drawer Steel Case 39S01.02, and find it ideal*). On the wall over your workbench hang a cork board for displaying plans and assembly photos. And, of course, keep your tools clean, sharp and handy.

Before you start, closely examine the plans and instruction package that came with your kit. This may consist of instruction booklet, blue-prints, cut-sheet, assembly-photos and parts list. Be sure you have all the instructions you should, and **never** begin assembly if you are missing any part of the instructions – you will surely get stuck. Study carefully the instructions and/or photos before you begin. Be sure you understand each step of assembly, and dry fit parts prior to glue up. It is always easier to avoid mistakes than to correct them.

Technical Support

If you are missing instructions or parts, call the **GarrettWade Technical Department** at **800 221 2942**. If you make mistakes along the way and need additional parts, call us and our technicians will replace whatever you need. Or, if you need help deciphering the instructions, call our Technical Department to consult with a technician. We have encountered many of the challenges faced by model ship builders, and we just may have the right tip to help you through a rough spot. Even if you just need a little encouragement or want to discuss innovations you have made, give us a call – we are committed to helping you complete your project.

Reference Books and Guides

All modelers follow in the footsteps of craftsmen that have come before, so it is natural to look to the masters. Whether you're a beginner or an experienced modeler, the following reference books, by well known master model builders, should prove valuable. We studied the best modeling guides available, and chose these because of their focus on building models from kits, as well as the practical, how-to advice each provides. We recommend you buy both:

Ship Modeling from Stem to Stern by Milton Roth (25L01.01) Comprehensive, well-written, with very good pictures and drawings, as well as proven fixes for common problems.

Ship Modeling Simplified by Frank Mastini (25L02.01) A wealth of practical advice on deciphering plans, setting up a workplace and choosing tools; includes superb drawings and an excellent glossary of nautical terms.

GarrettWade Customer Service

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