TICHY TRAIN GROUP is proud to introduce a new concept in HO Scale craftsman style plastic assembly kits - this 400 ton Coaling Tower is intended to set a new standard for structure kits based on "mainline" steam and diesel era prototypes. First in an exciting series, this all injection molded kit (with some metal), although imposing by its' nature, is relatively easy to assemble, a feature you have already come to expect from TICHY TRAIN GROUP. It is a complete kit with all detail correctly reproduced from original source material, catalogues, photos and engineering drawings. We do recommend that you have some previous experience assembling plastic kits - construction of this coaling tower can best be compared to assembling a plastic battleship model, but not as complex as a fully rigged sailing ship.

The key to building this kit is patience, a clean, well lighted workspace, sharp tweezers and a modeler's knife. It is important to work slowly and carefully, making sure all assemblies are square and correct before cementing and setting aside to dry. Unlike our previous kits, this includes actual size drawings of the tower, with all details shown, and minimal step-by-step instructions. It is assumed most modelers have experience in the assembly of "craftsman style" structure kits. The difference is that all parts are molded, requiring only assembly and painting. Listed below is our recommended assembly sequence. We have included isometric drawings and specific notes as appropriate. This is not a "jiffy" kit, but what's the rush? The finished model is sure to be a focal point on your layout, or a featured diorama - we even know of modelers who are redesigning their layout just for this kit!

PROTOTYPE HISTORY

A new era in railroad structure technology began in the early 1920's with the transition from high maintenance and flamable wood construction to the more modern and durable reinforced concrete. This 400 ton three-track coaling tower is typical of many that were built by the noted Fairbanks, Morse & Company, ranging in size from tiny 50 ton units to the massive 1000 to 2000 ton capacity models. Similar designs were used all across the United States, making it appropriate for both Eastern and Western roads. At 400 tons, this tower is just the right size for most HO Scale engine facilities, yet is equally at home along the mainline at branch

Our kit is based on the tower built by FM for the Atchison, Topeka and Santa Fe Railroad (AT&SFRR), located in Lamy, New Mexico, 15 miles south-east of Santa Fe. The Lamy Tower was demolished in 1955. The model differs from the Lamy tower in the omission of exposed "scaling pockets," a feature that would have added considerably to the parts count and assembly difficulty, was less typical, and would have reduced the capacity to a nominal 300 tons. The model reflects the Lamy design in all dimensions, including the size and layout of the sand-house, hoist-house and hopper

Those of you seeking additional information on the Lamy Tower may refer to the recently reprinted Fairbanks, Morse catalogue published by TLC Publishing, Sterling, VT.

The kit has been purposely designed to allow modeler freedom in the actual construction, permitting modifications to suit your intended location. For example, you may elect to omit the outside coal chute, thus converting the tower into a two-track design; this would allow a smaller facility and permit installation in such a manner as to feature the buckethoist side. Additionally, the body style can be modified, or an entire new body fabricated, to reflect a favorite prototype . . . additional parts from this kit, such as the chutes, ladders, platforms and details are available from TICHY TRAIN GROUP (thru your dealer) should your design require

Production of this kit required over eighteen months of research, design and toolmaking - every effort has been made to produce the most complete and exciting craftsman style structure kit ever available to model railroaders. TICHY TRAIN GROUP would like to acknowledge and thank the following for their kind and invaluable assistance in making this project possible:

Fairbanks, Morse & Company (Engine Division) **TLC Publishing**

Kansas State Historical Society

AT&SFRR Collection; Connie Menninger, Curator Chesapeake, & Ohio Historical Society, Inc.

Lt. Col. Tom Dickson, Jr.

Museum of New Mexico THE NEW MEXICAN

information.

KALMBACH LIBRARY; MODEL RAILROADER MAGAZINE

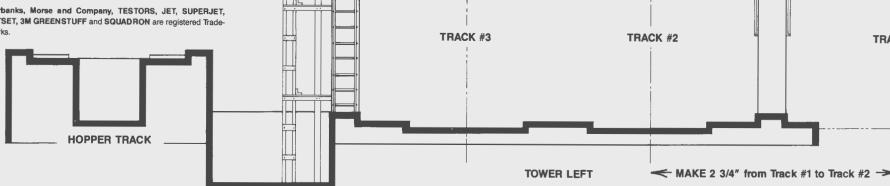
CARSTENS PUBLICATIONS, RAILROAD MODEL **CRAFTSMEN**

HUNDMAN PUBLICATIONS, MAINLINE MODELER **Charles Tobin**

If you damage or break a part, replacements are available direct from us. Please send kit number (7010), part(s) number, exact description and \$1.50 for shipping and handling to: TICHY TRAIN GROUP, Attn: Customer Service, 55 Kennedy Drive, Hauppauge, NY 11788. If you need to replace a major assembly or component please contact us for pricing

Fairbanks, Morse and Company, TESTORS, JET, SUPERJET, JETSET, 3M GREENSTUFF and SQUADRON are registered Trade-

© 1991 TICHY TRAIN GROUP All Rights Reserved



HO SCALE

400 ton CONCRETE

COALING TOWER

M₁₃

M14

TICHY TRAIN GROUP 400 ton COALING TOWER KIT 7010

PAGE 1

SOLVENTS

We suggest using TESTORS® "tube" cement for the large body panels, as this will allow positioning time before it sets. Use "liquid cement for plastics" for all plastic-to-plastic assembly of detail parts.

The introduction of cyanoacrylate cements has been a tremendous boon to modelers, as it allows almost instant bonding of parts, thus aiding assembly and speeding up the process. We strongly recommend using "ACC" cements, such as JET or HOT-STUFF for final assembly of the many pre-painted sub-assemblies. Use of 'accelerant,' in spray form, causes almost instant bonding of ACC cements, and, if used following manufacturers instructions, will not damage painted surfaces. Read cement manufacturers instructions and warning labels for your particular brand of cement carefully, as ACC will bond anything including your fingers and eyes! Remember also that just the smallest amount does the job - don't use too much, and allow capiliary action to draw the solvent into the joint, followed by a sharp burst of accelerant spray, such as JETSET.

(P) X5

R3

B18

B19

HEADHOUSE PLATFORM

You may find it necessary to use a filler material in some areas, such as the tower legs, or other joints. There are so many brands available that we make no specific recommendation. Ask your dealer for advice . . . we have had excellent results with 3M GREENSTUFF® (available at a auto supply shop) as well as SQUADRON filler, from your hobby dealer. Regardless, it is important to allow the filler to dry thoroughly before sanding, as most will attack styrene plastic to some degree. After sanding, apply primer prior to final sanding and

TRACK #1

