

**CON-COR**

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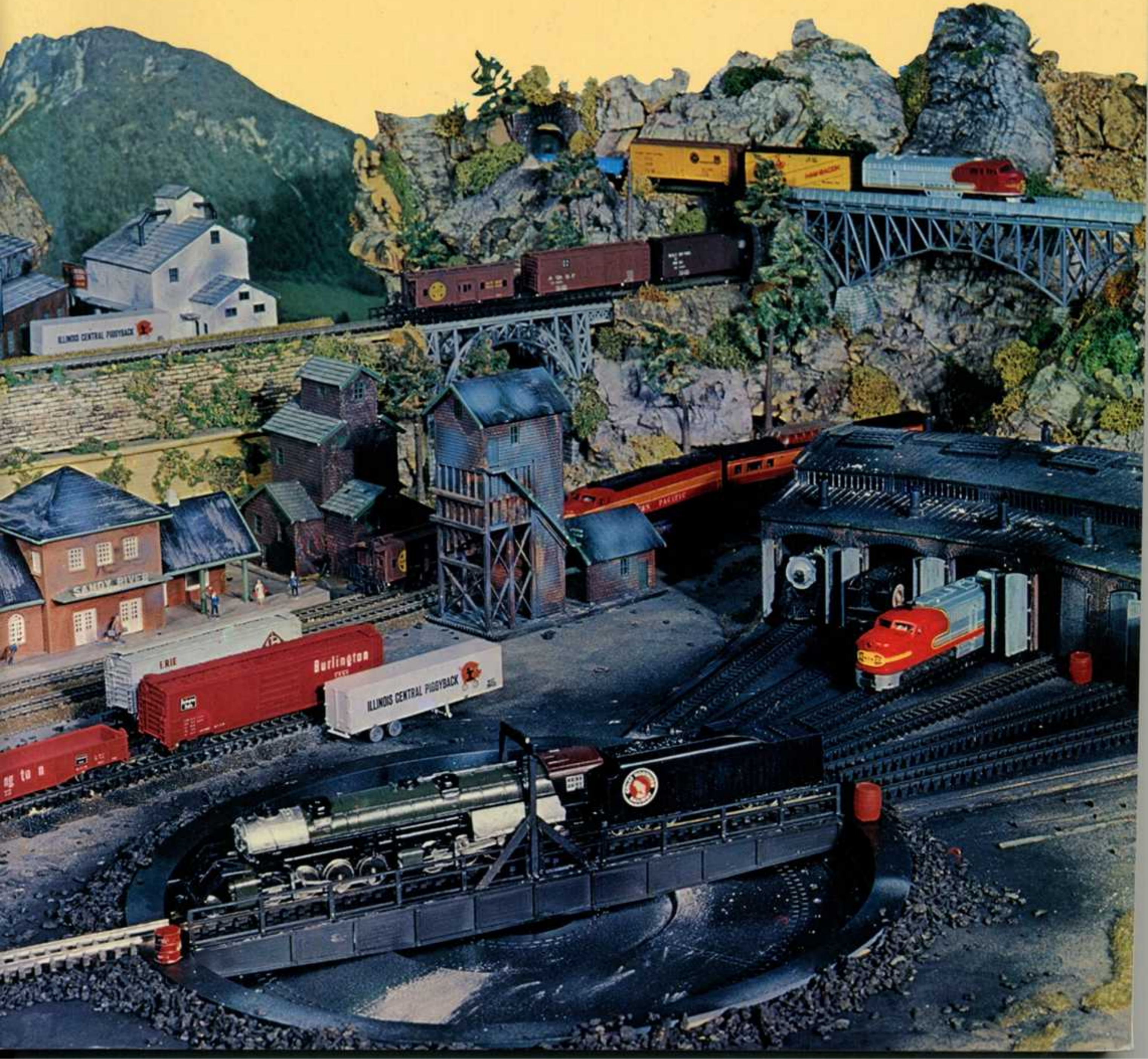


**KING STREET STATION**  
15127 N.E. 24th, SUITE 233  
REDMOND, WA 98052-5530  
1987

# TRAINALOG

For And About Model Railroading  
The World's Greatest Family Hobby

1962 **25** YEARS 1987



## MODEL RAILROADING ..... YESTERDAY AND TODAY

Model Railroading is a fascinating hobby for an individual or a family. Model trains have been an American tradition under the Christmas tree for almost 90 years.

Ask anyone over 40, they will remember the old Lionel, American Flyer and Marx brand trains under the tree. Today, Lionel is alive and well and the products formerly sold by Marx can still be purchased from a completely new company by the name of MDK. Young Model Railroaders of today have come to recognize other leaders in the industry as well. Companies like Athearn, Life-Like, Bachmann, Tyco, Con-Cor, MDC, Atlas and many more have come to mean quality and value in the Model Railroading Industry.

Trains and Christmas are such a tradition that major companies like American Express and Budwieser have used Model trains in many of their holiday advertising. Model Railroading has become so well known that from time to time manufacturers like Zenith and Westinghouse have offered a complete train set to anyone purchasing one of their major appliances. For most Model Railroaders though, this is a year-round hobby and work on their miniature railroad "empires" is a never ending enjoyment. You'll find Model Railroads tucked away in attics, garages, basements, spare bedrooms and in special cases, a separate building in the backyard!

With thousands of toys available today including all the electronic toys like computers, radio controlled cars, model kits, rockets and much more, the hobby shop of today is hard pressed to stock more than just Model Railroading supplies. His assortment may not represent the entire wide range that is available to you. The purpose of this catalog is to give you an insight into the wonderful world of Model Railroading. This catalog will help you to get started in the wonderful world of Model Railroading, either alone or with your family.

We will close this small introduction with a quote attributed to Joshua Lionel Cowen, founder of the Lionel Corporation, "...model trains are the toys that make, "A Boy feel like a Man and Man feel like a Boy".

## MODEL RAILROADING, SOMETHING FOR EVERYONE

Model Railroading is an indoor hobby that you can enjoy year-round. Like no other hobby it offers a challenge to all members of a family to create an empire from the ground up. Each member of the family can enjoy that facet of Model Railroading that appeals to them. Some members may have a stronger liking for track laying, scenery or assembling the buildings while yet another member of the team may have an interest in wiring, building freight cars or locomotives. It is this coming together of the family in a team effort to complete the empire that is so interesting.

Parents can use Model Railroading to stimulate children's imaginations and to teach them the use of simple tools. They will learn about wood working, electrical wiring, history, art, architecture and engineering in order to create a Model Railroad Empire. Model Railroading is so important to some groups that the Boy Scouts of America offers a special achievement badge for completing a course in Model Railroading.

For those who have no place to build a layout, there are clubs in many parts of the country with large cooperative layouts for the use of all their members. National associations of modelers have been formed which hold regional and national conventions every year to share the fellowship and accomplishments of other modelers.



An example of how you can have mainline model railroading with 24 inch minimum radius curves in a spare room as small as 9 x 8 ft. This plan includes a lower level staging yard for 12 car trains. It's from *THE BEST OF MODEL RAILROADING Magazine's Track Plan Book*. Order Book #0100-12109. Photo courtesy Model Railroading magazine.

## WHERE TO BUY PRODUCT

You may find that most hobby and toy stores only have a limited selection of model trains as compared to the products shown in our catalog. Some shops only carry Model Railroad items during the Christmas season which lasts only 3 months. Almost all of these type shops will have what you need to get started and many shops are willing to special order anything you may need that they do not stock on a regular basis. For those of you unable to find a good source for your supplies, you may contact us directly for the items you need from our large mail order department. We will also recommend a hobby shop close to you from our growing list of over 1100 shops nationwide that carry our full line year round.

In order to help you make the proper selection from our catalog, we recommend the following guidelines. In all cases, we realize that each child develops at a different pace and the final decision is left up to the parents who know their children best and how co-ordinated they are.

### AGE UNDER 3

"Wait a while"

### AGE 3 YEAR AND UP

"G" Scale or "Casey Jones" Scale

### AGE 7 AND UP

"Traditional HO" Scale, or "O" Scale

### AGE 12 AND UP

"N" Scale or "Advanced HO"

## TRADITIONAL

By the term "TRADITIONAL" we are referring to products that have excellent quality as well as moderate prices. Most "TRADITIONAL" items come ready to use by the hobbyist but some items under this category may be sold as kits. All kits are marked as such alerting the hobbyist that some small tools may be required for assembly. Kits under this category are easy to assemble and in most cases require only a small screw driver and a dab of glue. Tools and glues used for this type of assembly will be found later in this catalog.

## ADVANCED

By the term "ADVANCED" we are referring to products that are very high in quality and includes *Super Detail Parts*. While a good amount of "ADVANCED" products come ready to use, some of the best items require assembly. Kits in this "ADVANCED" category usually require that the hobbyist have some previous knowledge of Model Railroading. It is also recommended that the hobbyist has a general background in working with paint, decals, small parts and a variety of tools. For those inclined to purchase an "ADVANCED" kit with little experience, there are several books that may be of help to you. These books can be found throughout the catalog and usually appear along side some of the items that require some experience.

## CATALOG POLICY

We realize that the average hobby dealer cannot stock everything shown in this catalog. You and your dealer may order from this catalog relying on the descriptions we have provided. However, if an item arrives and you feel it has not been properly described, you may return the item for full credit or exchange. All items returned to us must be in a saleable condition and must be mailed

back in a safe manner so as not to ruin the contents. If you order an item from this catalog that requires assembly, such as those items marked "KIT" and you believe that it is beyond your modeling ability, you may return that item for an exchange or credit providing that it follows the same rule of return as previously mentioned.

## LET'S GET STARTED

As we have already mentioned several times, one of the joys of model Railroading is the wide variety of options open to the modeler. Model Railroaders are fortunate in having an extensive selection of locomotives, freight cars, and passenger cars from various eras of our nation's history available to them. It doesn't matter whether you want to model in the 1890's, 1920's, 1950's or the 1980's, you can find the models you need to fill your engine house as well as freight and passenger cars to fill your freight yards.

You can choose models that are ready to run or in kit form. The way you spend your time in Model Railroading will be determined by the choices you make along the way allowing you to spend countless hours of enjoyment with your Model Railroad layout. While we recommend that you start with "ready-to-run" equipment if you are a beginner, we offer a complete selection from ready-to-run right through some of the finest "craftsman" kits available today. Take a trip through our catalog, when you are finished you will have found a new hobby the entire family can enjoy, we present to you, MODEL RAILROADING.

## HOW TO BEGIN

Once you have decided to become a Model Railroad "Tycoon", you must first choose a scale in which to develop your dream empire. Determine the available space and the age of your youngest "engineer" and then take a trip to your local hobby or toy shop to look over the selection available as well as to get the feel of the various scales and how they relate to one another. You may have to visit more than one store to see everything you want as some stores may "specialize" in one scale or another. Be cautious of any sales clerk that tries to talk you into purchasing something you may not want simply because that store does not carry a full selection of merchandise.

If you have never had any Model Railroad supplies we suggest the following:

Youngest Engineer under 3 ..... Wait a while  
 Youngest Engineer 3 to 7 ..... Casey Jones Train  
 Youngest Engineer over 7 ..... HO Train Set  
 (We recommend the "Traditional" HO Train Set)

Your next purchase should be a few introductory books and/or Video Tapes on Model Railroading. These will help you to learn the basics and to enlarge your basic train set step by step in a logical manner.

There are also over 500 books published on the history and development of the real railroads in the USA and overseas not to mention Canada and South America. These books can help you to develop a feeling for your own empire. Many Model Railroaders around the world pattern their small empire after their real life counterparts. You may only be able to model a section or one town that the real railroad serves. But following the guidelines of real railroad operation, your Railroad empire becomes a segment of real life in miniature. To add to the excitement of learning about the history of the real railroads, there are also over 300 Video Tapes on the subject. For a history buff these books and video tapes offer endless recorded facts pertaining to your favorite railroad. For example, you can cover the photos and history from railroading's birth in the 1800's right up to today's most modern equipment. A complete catalog that lists the books and video tapes previously mentioned is available from us at a cost of \$2.50. Please use order number 0001-198705.

## SCALE

The "scale" of a model is the exact proportion of the model to the real thing. In recent years there have been 6 major scales in Model Railroading. They are as follows:

**"G" Scale 1:29** This is currently the largest Model train available. There are 3 or 4 major manufacturers of this size train with the best known company called "LGB" (Lehmann Gross Bahn). These are true electric trains running on metal track using 12 to 14 volts of D.C. power to operate the motor in the locomotive. Speed and direction is controlled through the "Power Pack" or "Transformer" and the smallest circle of track available takes up a 4 foot area. You need a large room to operate this size. In Europe, as well as some areas of the USA, the LGB trains are run outside as garden railways. The construction is such that the trains will take the weather and continue to run in all types of climates. (The only time they stall is when "ice" forms on the rails and cuts the connection to the motor). There are several accessories for this scale and there are more coming into the market place every month. This type of train outfit is recommended for ages 3 and up.

**"Casey Jones Train" Scale Approx. 1:32** This item is intended as a child's first train that he or she can actually get to "play" with. Moderately priced, this battery operated train comes complete with a very large oval of track that can be laid out in different ways. The track is the same scale as the large LGB trains but the cars and accessories are slightly smaller. This idea lends itself to the thought that once the child has outgrown the "Casey Jones Train" the accessories could be used down the line, maybe on a future LGB layout. The basic track plan calls for an area of 4 foot by 7 foot. This scale of Model Railroading is recommended for ages 3 and up.

**"O" Scale 1:48** This is one of the oldest scales dating back to the 1920's. This scale was made popular by a company well known in the USA as "Lionel". This type of system runs on A.C. current and has a three rail system of current pick-up rather than the more commonly known system of 2-rail. Lionel also manufactured a scale known as "O-27" which ran on the same tracks but offered a smaller radius of curve allowing the modeler to operate trains in a smaller area. Both track systems would need at least a 5 foot by 9 foot area for a simple oval. This scale is recommended for and young engineer over the age of 7.

**"HO" Scale 1:87** This has been the most popular scale for the last 25 years. The scale has been around since right before World War II but it did not see any real growth until the middle 50's. It really took off in the early 60's. Most hobby shops

carry enough HO scale for any beginner to get started. This scale also plays host to a wide variety of packaged sets which provide the first time buyer with everything they need to get a train running on a basic oval. A very nice layout can be constructed in a 4 foot by 8 foot area. A common sheet of plywood or Homasote is 4 ft by 8 ft and there are many track plan books on the market that show a wide variety of layouts for that size board. This scale is recommended for modelers of age 7 and over.

**"N" Scale 1:160** This scale saw its real birth in 1960. While some products had already been on the market in Europe before this date, America saw its first packaged sets in the early 1960's. The popularity of this scale is still on the upswing as its small size, (N scale is only 1/4 the size of HO scale) yet high quality and wide range of available accessories has found favor with those living in smaller homes, apartments and condominiums. Modelers from other scales have made the jump to N scale simply to be able to operate more trains realistically in a smaller area.

Con-Cor is a leader in the manufacture of N scale products being the largest manufacturer and importer of N scale products in the United States. Steam and diesel locomotives introduced early in the history of N scale can trace their beginnings back to Con-Cor. Still an innovator, Con-Cor has many future products on the drawing board and brings to the N scale modeler a host of motive power, rolling stock, scenery, buildings and much more.

A new type of N scale modeling, started 12 years ago and still growing is "N-Trak". Following a set of prescribed standards, modelers all over can follow the simple guidelines and then construct a module. Once finished, these modules are brought together at conventions, club shows, shopping centers or simply in a larger room of a members house where they are all fastened together to make one large layout. (This is a very impressive sight to see as well as operate trains on)

N scale is one scale that little hands have some trouble with. We recommend that modelers considering N scale should at least be 12 years of age or over.

**"Z" Scale 1:220** This is the newest scale to be brought to the market. Originating in Germany and manufactured by Marklin, Z scale found favor with modelers in this country during the Early 1970's. Since then Z scale has acquired many loyal fans as well as some other manufacturers of Z scale products. Z scale has a limited product selection but many beautiful items are available and they sure are a piece of work when you consider that a full size steam locomotive fits into an empty walnut shell! We recommend that all modelers considering venturing into Z scale be at least 12 years of age or older.



NOTE \$1.00 bill in photo  
 For relative Size of the  
 various Scales.

1962  1987

## “ N ” SCALE, A BRIEF HISTORY:

The first Toy trains were run by wind-up Clock work mechanisms. In the early 1900's electric motors and automobile batteries were put to work running Toy Trains...the only problem was the smallest motors that could be used dictated that the Toy Trains could be no smaller than about the size of today's " G " scale Trains.

As time whet buy, technology allowed the manufacture of smaller and smaller electric motors, so " O " scale was replaced as the most popular by " HO " in the 1950's.

By the end of the 1950's an English firm by the name of Lone Star began to make a tiny Toy Train about 1/150 in scale. During the early 1960's other European makers started to make trains to the 1/160 scale, which came to be called " N " scale.

Con-Cor, which had started to make HO and HO<sub>n3</sub> trains in 1962, began to make a line of " N " trains in 1967.

Today, Con-Cor is offers the largest line of " N " Scale Model Railroad products modeled after U.S. Trains. With over 1,000 different products including, locomotives, cars, track, structures, Scenic and Accessory items.

Con-Cor not only manufactures many of its products here in the USA, but also has searched the entire world to find the best manufactueres of Model Railroad products, and has entered into Joint Venture arrangements with them in order to bring you the highest quality, as well as the biggest selection of Model Railroad products. We are very proud to be associated with such firms as Heljan Plastics from Denmark, Rivarossi SpA from Italy, Kato from Japan, Herpa Models from West Germany, Hogan Industries from Hong Kong, Shinohara from Japan and others who work with us to bring you the finest in Model Railroading.

Con-Cor recently moved into its brand new Manufacturing facility in Tucson Arizona which will allow further improvement and expansion of our production within the USA. We want to thank all our past customers who have supported us and enabled us to open this new facility.

### NOTE ON AVAILABILITY:

It is not our intention to have all items listed in this catalog available at all times. Model Railroading is a small hobby, and it is our experience that once a new product is introduced, about 50% of its expected life's sales will occur during the first couple of years. Thus, after the first couple of years, the



minimum practical re-run size may be a two or three year's worth of sales. It is impractical to re-run all these items and plan to have them sitting on our shelves were the profit gained from the sales " drippl " will not even pay for the interest paid to keep them on hand.

Thus we have adopted the policy of running *popular items* once a year, and other items on a 2 or 3 year year production cycle depending on their popularity. Thus it is *important* that if you see an item you want, and find it is currently un-available, that you allow your local retail hobby shop to back order the item for you so when we do make them again, you can get yours.

If you do not find a local dealer who is willing to back order the item for you, you can contact us directly to place the item on *Back Order* and we will try to find a retail hobby dealer in your area who can take over the *Back Order*, and will let you know when the item becomes available.

You should also be aware, that the number of *Back Orders* that we accumulate for an item do influence how soon we schedule an item for re-running... so just sitting back and assuming that an item will show up *sooner or later* is not the way to insure an item you want will be run in the future. We often have discontinued an item permanently when, after looking at the accumulated *Back Orders* over a year or so see that only a few requests have been received and decide not enough interest remains to bother to re-run that item.

## NTRAK NTRAK NTRAK NTRAK NTRAK NTRAK



In 1973 a group of enthusiastic model railroaders got together at an 'N' Scale meet in Signal Hill, California, and talked about what they could do to help interest & educate people in N Scale. NTRAK is a project that resulted from that meeting.

Originally NTRAK was thought of as just a modular display layout. Modelers from all over the country could build a module, bring it to a show and connect it to the next module and become part of a giant N scale layout. To be sure that each module would fit the next one to it a set of standards was worked out. The NTRAK Manual is the result of experience gained from building over 200 modules for several NMRA National Convention layouts and many regional and local layouts.

Over 30 clubs around the world are now using the modules for all or part of their club layouts. Some have semi-permanent quarters and others assemble the layout in space rented or borrowed for just that meeting. With careful attention to detail, quick assembly and reliable operation can be achieved. Some of their more successful ideas are shown in the NTRAK Manual.

NTRAK is an informal organization run by volunteers and amateurs. Our purpose and objective is to encour-

age model railroading in N scale. Besides the manual, NTRAK keeps in touch with N Scalers with a Newsletter and helps coordinate NTRAK layouts for public shows. The Newsletter is \$10.00 per year (6 issues).

NTRAK layouts combine the beautifully detailed modules with long trains running on the two main tracks. A third track, the branch line, is used for picking up and setting out cars at the many industries along the way. You can be part of this scene by building a module.

The length of the module you build will be part of the early planning. The 4Ft. modules fit inside most cars and allow enough room for industrial and city scenes. The 6Ft. modules will fit in most station wagons and are large enough to model many scenes. The big problem with the 8Ft. modules is transporting them. They should be protected from the wind and rain. This means a van or covered trailer. Several modules can be combined to model a complex scene.

Since the modules are moved about, construction is a bit different from home layouts. The NTRAK Manual gives many ideas, but in general, remember, that there will be great changes in humidity and temperature as well as vibration. Glues that stay a little flexible and screws are best. Weight is a problem, too, so consider plastic foam mountains instead of plaster. Structures should either be well glued in place or packed separately. The key to good operation is good trackwork. One bad piece of mainline will ruin operations for everyone. The Meet Coordinator may order repairs or the module removed from the layout. Check your turnouts for gauge and that the flangeways are clear of ballast.

NTRAK wants to share ideas with you. Send for our Newsletter, a collection of twenty past articles in our

N Info Booklet, and the NTRAK Manual. The 24 page N Info Booklet covers track laying, turnout problems, engine selection, throttles, wiring, and scenery. The Manual has the specifications for the modules, track plan suggestions, and building ideas. The modules can be part of your home or club layout. Let us show you how to expand your model railroad fun!

\$10.00 - USA 1st Class Mail & Canada  
\$ 8.00 - Bulk Mail, USA only  
One year's newsletter (6 issues),  
N Info Booklet and NTRAK Manual  
\$ 3.00 - A sample Newsletter, N Info Booklet and Manual

Write:  
NTRAK - Jim FitzGerald  
2424 Alturas Road  
Atascadero, CA 93422  
(Please Make All Checks (Etc.) Payable to:  
NTRAK  
US Funds Only)

### The NTRAK Module " How To " Book

This book is a definite *must* for those interested in building an NTRAK module! Loaded with a wealth of information on NTRAK and its system of building and operating N modules. **Step by Step**, the NTRAK crew takes you through this very fascinating side of N scale model railroading. If you're pressed for space, or just want a change of pace, then NTRAK's for you. The text is great - the photos and instructions make building a module very understandable. Book #0100-006610



# N SCALE TRADITIONAL TRAIN SETS

"N" scale train sets and accessories are recommended for ages 12 and older. The size of this scale allows you to create almost any type of layout in an area that measures 4 foot by 8 foot. (A little smaller than a Ping Pong table).

The "N" train sets listed here are made up of high quality components not found in the lower priced "Discounted" train sets available at discount department stores. Over 25 years experience has gone into the selection of the components we offer in our train sets. Because of this high quality mix of components, we know that everything will work for you on Christmas morning.

## AMTRAK PASSENGER SET

Put yourself into the locomotive of this sleek passenger set. Wind around the curves of the mainline as you pull into the big cities along your railroad layout. Our passenger set will give you that thrill and comes complete with a powerful locomotive and no less than 5 finely crafted passenger cars lettered for our nations National Rail Passenger Corporation, "Amtrak".

AMTRAK PASSENGER SET ..... 0001-000330

## AMTRAK WORK SET

Now you can keep the trains rolling with this Amtrak Work Set. This colorful work train outfit comes complete with a manually operated crane, a boom car for the crane hoist, a flat car to carry parts, a bunk car and a gondola all painted in the Amtrak "pumpkin orange" color scheme.

AMTRAK WORK SET..... 0001-008603

The "N" scale train sets listed here DO NOT come with power pack and track and those items are listed separately. The "N" scale sets contain a powerful locomotive, authentic freight or passenger cars painted and lettered in authentic railroad colors. Each set comes with a helpful instruction booklet and the couplers on each of the locomotives and freight cars are compatible with all other major brands of N scale equipment allowing you to add a wider variety of cars to your set in the future.



## STREAMLINED DIESEL PASSENGER SET

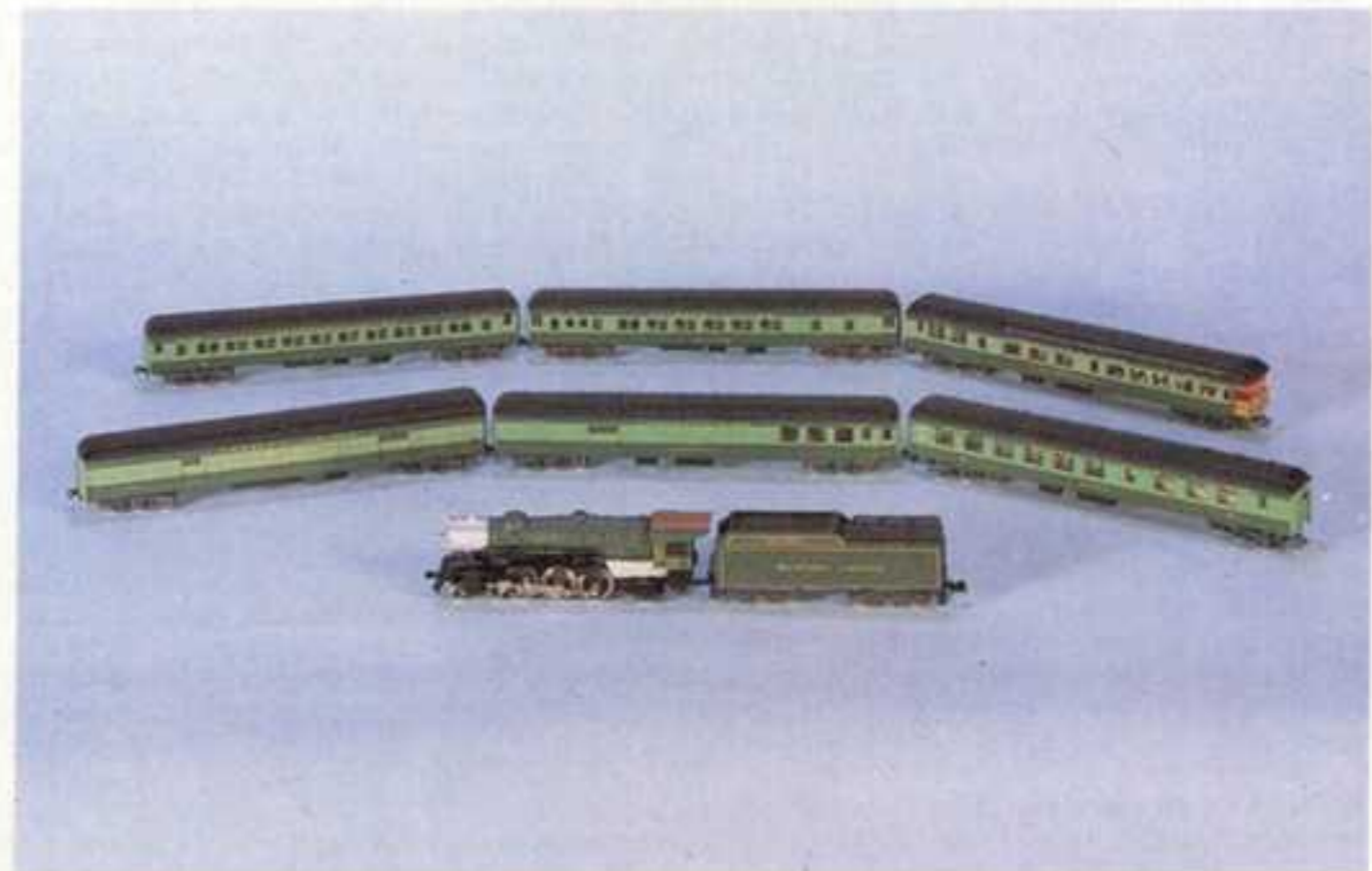
With moderization of the railroad came the sleek looking diesels and streamlined passenger cars. At the front of our N scale version of this popular consist is the powerful PA-1 diesel locomotive. With over 20 years of proven reliability on N scale layouts throughout the world, the PA-1 is followed by a non-powered "B" unit to give the feeling of authentic railroad operations. Following the diesel units are 6 highly detailed, authentically painted and lettered streamlined passenger cars. This set makes a beautiful sight as it snakes around the mainline.

SANTA FE PA-1 PSGR SET ..... 0001-000350  
 UNION PACIFIC PA-1 PSGR SET..... 0001-000351  
 SOUTHERN PA-1 PSGR SET..... 0001-000352  
 NEW YORK CENTRAL PA-1 PSGR SET..... 0001-000353

## STEAM PASSENGER SET

Ride behind the Golden Age of Steam in the same luxury and comfort that was associated with the rich and famous of bygone days. Our powerful and highly detailed J3a Hudson type locomotive heads up this attractive train set pulling no less than 6 beautifully crafted heavyweight passenger cars all painted and lettered with authentic railroad markings.

SANTA FE STEAM SET ..... 0001-000340  
 PENNSYLVANIA STEAM SET ..... 0001-000341  
 SOUTHERN STEAM SET..... 0001-000342  
 MILWAUKEE STEAM SET ..... 0001-000343  
 (Milwaukee set has *Hiawatha* paint scheme)



**N TRAIN SETS, Cont.-**



**RDC SET**

RDC stands for "Rail Diesel Car" and is a self contained unit that moves under its own power. A number of railroads throughout the country utilized this type of passenger service and even today RDC units are used on a number of passenger carrying lines. Several RDC units are used in conjunction with one another to make up a very attractive and different looking train. Our N scale version of these popular units is very powerful, accurate in detail and comes painted in authentic railroad markings.

- AMTRAK RDC PSGR SET ..... 0001-000311
  - PENNSYLVANIA RDC PSGR SET... 0001-000312
  - SANTA FE RDC PSGR SET ..... 0001-000313
- (RDC set contains 1 powered unit and two non-powered units)

**SW1500 FREIGHT SET**

Packed with power, here is an authentic looking train that is seen countless times on the rails throughout the country. Complete with the powerful SW1500 EMD switcher diesel, this little powerhouse makes easy work of the "5" freight cars packaged with this set. Painted and lettered in authentic railroad markings and colors this freight set is not only an eye catcher but a great base to build upon for your future railroad empire.

- SANTA FE SWITCHER SET..... 0001-000300
- UNION PACIFIC SWITCHER SET... 0001-000301
- CONRAIL SWITCHER SET ..... 0001-000302



**K-4 STEAM FREIGHT SET**

Travel back to the Golden Age of steam with this beautiful N scale steam set. Included is the powerful K-4 steam locomotive. This locomotive will be the "Pride" of your layout and you will be proud to show off the fine detail and craftsmanship of this powerful N scale replica. Following this N scale brute are 5 freight cars all painted and lettered with authentic railroad markings. Sit back in the cab as you pull on the throttle and begin to move away from the freight yard, simply a beautiful train set.

- PENNSYLVANIA K-4 STEAM SET .... 0001-000321
- SANTA FE K-4 STEAM SET ..... 0001-000322
- SOUTHERN K-4 STEAM SET..... 0001-000323



**BASIC TRAIN SET ACCESSORIES:**

As we have explained, our Basic Train Sets do not include a Power Pak, or Track. We do this because many people who already have a train layout would like to buy a complete train as a gift, or add-on, but do not need the extra track or power pack that normally comes with every train set.

" N " Gauge Layout Book. Here is a great starter book giving you all the measurements you will need to start using the N Snap Track system you will find on the next page. Shows all track components and their use. Order #0150-000006

NINE " N " Scale Layouts. Shows nine possible layouts using the Snap Track method. All measurements are given so all you have to do is get to work. Order #0150-000007

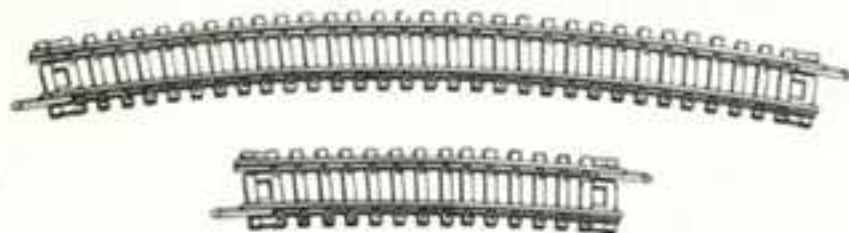
BASIC " N " Track Oval Pak. Includes enough track to make a basic train set oval about 23" x 30". Includes re-railer section, terminal jointers, hand ReRailer shoot, hook-up wire. Order #0001-000103

BASIC " N " Power Pack. Locomotion #1500. See page 23 for complete details. Order #0500-001500



# N SCALE TRACK

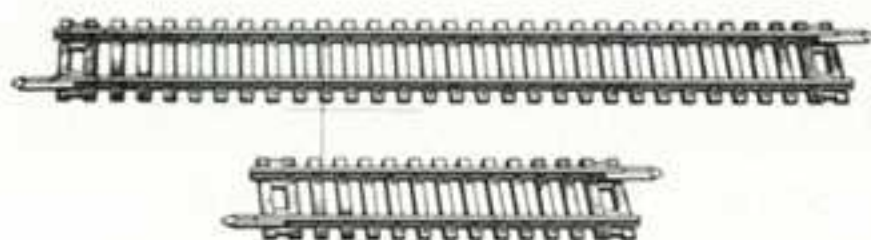
Track is the single most popular "add-on" item a modeler buys. The first time buyer of a train set will find that at most a full circle and a few straight sections in the basic train set. While this is a good base to start from, The Model Railroad Empire you may wish to build will need a few more pieces of track. The wide variety of track available to the modeler can at times seem endless but the track listed in this section is by far the easiest track to work with for the first time modeler since it employs a system called "snap-track". This "snap-track" system is made up of a complete program of track pieces that all measure out to match one another by following a simple plan found in "sectional" track plan books.



## CURVE TRACK

Listed here are several radii of curves as well as the 1/4 sections. The best results come from using the widest possible radius so that you can operate the larger steam and diesels on your Railroad layout. For further information please refer to the track plan book.

- 9 1/4" RADIUS CURVE ..... 0150-002510  
\*Packaged 6 pieces per pack you need 12 sections to make a full circle that measures 19"
- 1/4 9 1/4" RADIUS CURVE ..... 0150-002511  
\*Packaged 6 pieces per pack
- 11" RADIUS CURVE ..... 0150-002520  
\*Packaged 6 pieces per pack you need 12 section to make a full circle that measures 22"
- 1/4 11" RADIUS CURVE ..... 0150-002521  
\*Packaged 6 pieces per pack
- 19" RADIUS CURVE ..... 0150-002526



## STRAIGHT TRACK

Straight "snap-track" sections come in a variety of lengths. Straight track is the best way to make the layout grow in leaps and bounds.

- 5" STRAIGHT TRACK ..... 0150-002501  
\*Packaged 6 sections per pack
  - SNAP TRACK ASSORTMENT ..... 0150-002509  
\*This helpful assortment contains 12 pieces of very short sections of straight track which can come in handy when a small gap needs to be bridged.
- Included in the 12 piece assortment is 2 each of the following sections:

1/4" - 1" - 1 1/4" - 1 1/2" - 2" - 2 1/2"



- FLEX TRACK ..... 0150-002500  
\*Packaged 24 sections per pack. Total length is 29" and is used as long straights as well as bending into a variety of curves

Prices and Product Availability  
Are Subject to Change Without Notice

## SPECIAL TRACK

The following track is used in various parts of the layout. The rerailer track is used to place cars onto the track while the crossings are used where two pieces of track cross one another. The crossings are also useful in assembling a figure eight layout.

- RERAILER TRACK ..... 0150-002532  
\*Packaged 3 per pack they measure 5" long
- 15° CROSSING ..... 0150-002564  
\*Packaged 1 per pack
- 20° CROSSING ..... 0150-002565  
\*Packaged 1 per pack
- 30° CROSSING ..... 0150-002566  
\*Packaged 1 per pack
- 45° CROSSING ..... 0150-002567  
\*Packaged 1 per pack
- 60° CROSSING ..... 0150-002568  
\*Packaged 1 per pack
- 90° CROSSING ..... 0150-002569

## SNAP-SWITCHES

Adding passing tracks and sidings is easy with "snap-track". Available in left hand or right hand versions each "snap-switch" comes packaged with an extra curve section so that you can match the curve of your layout. There are also two radii available for those wishing to take advantage of the wider curves in N scale.

- STANDARD REMOTE LEFT ..... 0150-002580  
\*Packaged 1 per pack
- STANDARD REMOTE RIGHT ..... 0150-002581  
\*Packaged 1 per pack
- STANDARD MANUAL LEFT ..... 0150-002582  
\*Packaged 1 per pack
- STANDARD MANUAL RIGHT ..... 0150-002583  
\*Packaged 1 per pack
- LARGE RADIUS REMOTE LEFT ... 0150-002584  
\*Packaged 1 per pack
- LARGE RADIUS REMOTE RIGHT ... 0150-002585

## SNAP-SWITCH MACHINES

When a switch machine that operates the remote action of the turnout goes bad you no longer have to replace the entire switch.

- SWITCH MACHINE LEFT ..... 0150-002590

## N SCALE TRACK ACCESSORIES

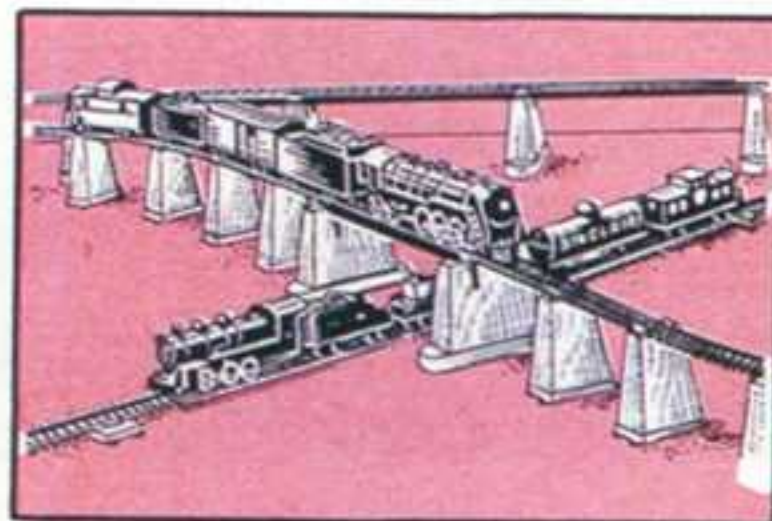
The following items are helpful aids in laying track as well as helping you decide on a particular layout design.

- METAL RAIL JOINERS ..... 0150-002535  
\*These carry current from one rail to another and are packaged 24 per pack
- PLASTIC RAIL JOINERS ..... 0150-002538  
\*These are used to interrupt current in a section of track so that you can control a train or an accessory. Packaged 24 per pack
- BUMPERS ..... 0150-002536  
\*Packaged 2 per pack these are used at the end of a siding to prevent the track from traveling off the end
- TERMINAL JOINERS  
This is the easiest way to make power connections to your track. They can be used just about anywhere on the layout and no soldering is required.  
\*Packaged 6 per pack ..... 0150-002539

Once you are familiar with this track system you would no longer have to use the track plan books. With the knowledge gained from working with this system you could easily plan you own layouts.

You will find one type of "snap-track" or another in about 90% of all N scale train sets. One manufacturer has taken on the role as the leader in this field and most modelers will find using the track listed here will provide them with the best selection of track components.

Wider and smaller radius curves, as well as a variety of different straight sections, will help your empire grow. The use of "snap-track" can help it grow faster for the first time modeler.



## PIER SET

With the Peir Set and extra bridge piers you now have the option of bringing your railroad to new heights. The popular over and under figure eight can easily be made using the 12 piece Pier Set and the extra bridge piers allows you to go up to a height of 3" so that you can continue the extended height for as far as you desire.

- 12 PIECE PIER SET ..... 0150-002541  
\*1 complete set per box
- EXTRA BRIDGE PIERS ..... 0150-002543  
\*Packaged 3 per pack
- STRAIGHT PIER GIRDER ..... 0150-002542  
\*Packaged 4 per pack, used to support the track in between the piers

## N SCALE BRIDGES

These authentic railroad bridges are ready to use and come with a 5" piece of straight track mounted in place

- WARREN BRIDGE ..... 0150-002546  
\*Packaged 1 per pack
- DECK BRIDGE ..... 0150-002547  
\*Packaged 1 per pack
- PLATE GIRDER BRIDGE ..... 0150-002548  
\*Packaged 1 per pack

# BASIC ACCESSORIES



Most of the Basic Accessories you need to build your first table-top model railroad are the same no matter which scale you wish to build in. Please refer to page 23 for some of the common tools, Cork Roadbed for N Scale, Power Packs, and wire you will need for your first layout.

- N CORK ROADBED:  
N Cork Roadbed, Box of 15 feet #0472-003021  
N Cork Roadbed, Box of 75 feet #0472-003019

# The Annual Con-Cor Award

## For the Best "N" Module

Back in 1976, we at Con-Cor wanted to recognize those "N" model railroaders who built modules to participate in the various NTRAK and other shows. We felt that enough awards existing to reward the "Super" or "Expert" modelers who have the talent to build the model railroad modules and layouts to such a high quality of detail and operation that only most model railroaders can only dream about.

Therefore we wished to award our Annual Plaque and recognition to a modeler that used "N" scale to best show off the scale, and what could be accomplished in the limited space available of an "N" module. Our standards would not be the best modeling skills, but rather the best execution of a concept, or idea for a mini-scene that would show "N" scale model railroading in its best light.

We have been very fortunate over the years, not only to have some great modeling ideas, starting with an Amusement Park winner for 1976, up thru a typical small town USA scene..but also to have some great modeling as well.

We encourage you to join a local club that builds module model railroading and exhibit with them in their Mall and Hobby Shows...who knows, one day *You* might win this highly prized award....and remember the rules we judge by...not necessarily the best model *builder* will win, but the best *idea*.

### Past Con-Cor Award Winners:

- 1976 - Al Lentz, "Amusement Park"
- 1977 - Larry Larson & Mike Regan, "Narrow Guage Lumber Mill"
- 1978 - Tom Hoover and Son, "U.P. Yard & Diesel Service"
- 1979 - Don Bozeman, "Granite Falls"
- 1980 - Ben Pearlman, "Corner Engine Terminal"
- 1981 - Houston N Crowd, "T Yard"
- 1982 - Paul Fulks, "Ridge Creek"
- 1983 - Dan Cermak, "Ore Dock"
- 1984 - Kent Lannert, "Freeburg"
- 1985 - Bill Reid, "Small Virginian Town"
- 1986 - Alan Schappell, "Main Street USA"
- 1987 - Edwin Schultz, "Waterfront New-England Town" (Philadelphia Show)
- 1987 - Hank Menkveld, "Mining Complex" ....(Eugene Show)



Photo of Hank Menkveld's Module



Photo of Edwin Schultz's Module

## Our Annual Christmas Collector's Cars

In 1975 Con-Cor starting making an annual Christmas Car in "N" Scale. These proved so popular that in 1976 Con-Cor issued both an "N" Collector's car and an "HO" version of the same car. Every year since we have produced a limited run Christmas car in both "N" and "HO". Those cars made in the early years have increased in value substantially and a complete set is very valuable today. Until 1986 all the various Christmas cars were a freight car of one kind or another, boxcars, refrigerator cars, tank cars, hopper cars have all been used. The 1986 Christmas car was Santa's personal Office Passenger Car with his own observation platform. The 1987 car was a Baggage Car which Santa uses to store extra presents to re-fill his sleigh as he travels around on Christmas Eve.

The 1987 car will continue on Santa's Personal Train theme with a Pullman car that Santa's Elves use to take quick naps during the hectic Christmas Season.

After we introduced Santa's Personal car in 1986 we got many requests from modelers to buy additional cars. So we decided to make a version of the Santa Passenger cars available *WITHOUT* the year date to clearly distinguish them from the collector's versions.

### CHRISTMAS CARS "N"

- 1988 Christmas Pullman Car, 'N' 0001-008708
- Santa's Office Obser. Car (no date) 0001-008704
- Santa's Baggage Car (no date) 0001-008706

Note: For our N Scale modelers, we also offer a PA-1 Diesel and Caboose painted in Christmas colors so you can complete a Christmas Train for under your tree.

- CHRISTMAS PA-1 (powered) #0001-02061N
- CHRISTMAS PA-1 (Dummy A) #0001-02071N
- CHRISTMAS PB-1 (Dummy B) #0001-02091N
- CHRISTMAS CABOOSE #0001-01252F

"HO" Collector's Christmas cars also available, see page 42 on "HO" Collector's Sets for Details.





# N SCALE BUILDING KITS

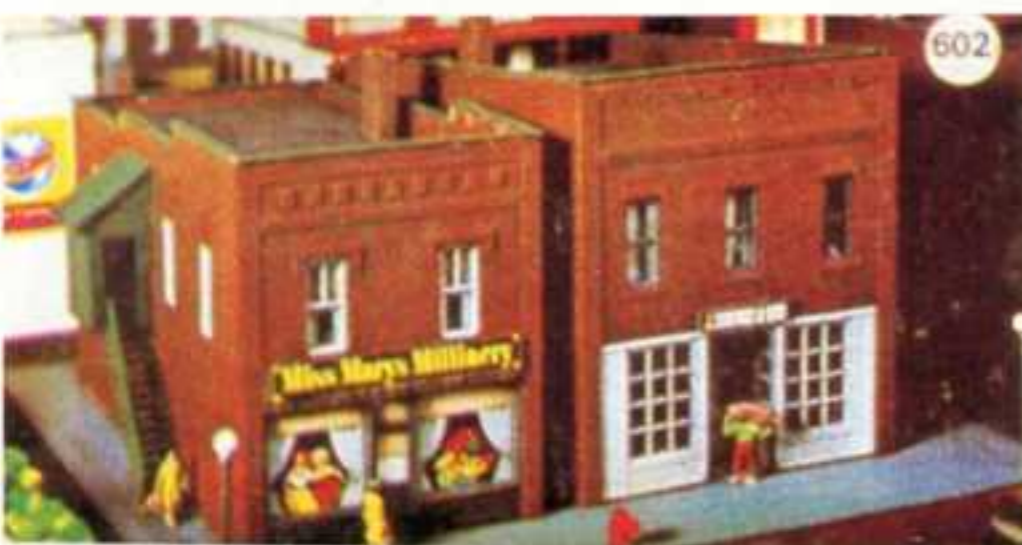
STRUCTURES TO MAKE THE LAYOUT COME ALIVE

Now that your track plan is in place, you can decide what kind of buildings you want to place on your layout. There is a very wide variety of structures available to you and choosing which ones you want for your layout can be difficult. You can make it simple by staying to a certain time period or choosing whether your layout will be industrial, commercial or residential. Keep in mind however, that this is *your* layout, what you decide to do with it is entirely up to you and mixing older buildings with the newer ones can add excitement and variety to your layout.

Most N scale buildings come in kit form and assembly is required. Buildings are among the easiest items to assemble and the experience you will gain from assembling the buildings can be carried over to other aspects of Model Railroading. In most cases all you need to complete the building kits is a sharp knife to cut the parts from the sprues, a file to clean up those parts, glue and, when required, you may want to paint small detail parts of the structure.



TWO BROTHERS RESTAURANT..... 0002-000601  
\*Size 6" L x 6" H x 2 1/4" W



-SMALL RETAIL STORES..... 0002-000602  
\*Size 6" L x 6" H x 2 1/4" W



CORNER BANK BUILDING..... 0002-000603  
\*Size 6" L x 6" H x 2 1/4" W



WOOLWORTH & ICE CREAM SHOP 0002-000604  
\*Size 6" L x 6" W x 2-5/32" H



FIREHOUSE 0002-000605  
\*Size 6" L x 6" W x 2-5/32" H



DRUG STORE..... 0002-000611  
\*Size 4" L x 3 1/2" H x 2 1/4" W



FOND DU LAC PASSENGER STATION 0002-000639  
\*Size 12-1/4" L x 4" W x 2-5/8" H



2-STALL ENGINE HOUSE..... 0002-000650  
\*Size 5 1/4" L x 3" W x 3 1/4" H



PASSENGER PLATFORM 0002-000645  
\*Size 16-1/4" L x 1-5/8" W x 2" H



COALING STATION..... 0004-000653  
\*Size 4 1/2" L x 2" W x 4 1/4" H



TWO STALL ENGINE HOUSE 0002-000642  
\*Size 7-3/4" L x 3-1/4" W x 3" H



MAINLINE PSGR STATION 0002-000640  
\*Size 8 1/2" L x 2 1/4" W x 3 1/2" H



GRAIN MILL 0002-000670  
\*Size 6-3/8" L x 3" W x 3-5/8" H



COLD STORAGE WAREHOUSE 0002-000674  
\*Size 7 1/2" L x 4" W x 4 1/4" H



**TRACKSIDE BUILDING SET..... 0002-000620**  
 \*Size 1 1/4" L x 1 1/4" W x 3" H



**LYRIC THEATER 0002-000609**  
 \*Size 5" L x 3-15/16 W x 2-3/4" H



**TROCH COAL YARD 0002-000610**  
 \*Size 8-1/2" L x 6" W x 2" H



**SUPERIOR BAKERY..... 0002-000654**  
 \*Size 6 1/4" L x 4 1/4" W x 4 1/4" H



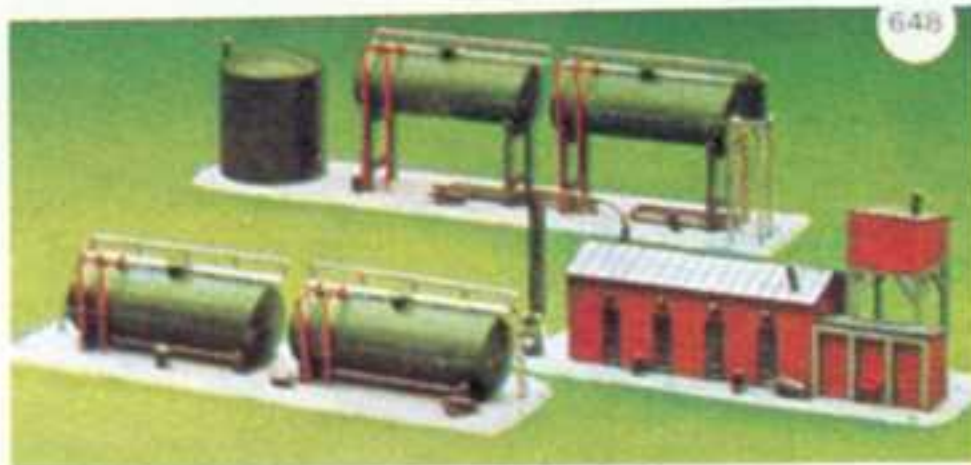
**The WEEKLY HERALD 0002-000655**  
 \*Size 7" L x 4-3/4" W x 2-3/4" H



**SLAUGHTERHOUSE..... 0002-000681**  
 \*Size 16 1/2" L x 12" H x 12 1/4" W



**MIDWESTERN GRAIN ELEVATOR 0002-000677**  
 \*Size 9-1/8" L x 3-1/2" W x 5-1/2" H



**RAILROAD FUEL DEPOT SET..... 0002-000648**  
 \*Size 7 1/2" L x 4" W x 2" H



**APPLIANCE FACTORY 0002-000675**  
 \*Size 8-1/4" L x 4-1/3" W x 3-1/4" L



**MEAT PACKING PLANT, 0002-000673**  
 Size 3-1/4" L x 3-1/4" W x 4-1/8" H



**SMALL FREIGHT HOUSE 0002-000641**  
 \*Size 5-1/2" L x 2-1/2" W x 1-3/4" H



**FOUNDRY BUILDING 0002-000671**  
 \*Size 6-5/8" L x 4" W x 2-3/4" H



**FURNITURE FACTORY 0002-000672**  
 \*Size 6" L x 2-3/4" W x 3-5/8" H



**STEEL SUPPLY WAREHOUSE.. 0002-000676**  
 \*Size 7-7/8" L x 4-1/2" W x 5" H



**TRANSFER CRANE.... 0002-000685**  
 (To unload Flats/Gons/Containers)  
 \*Size 6" L x 2-1/2" W x 6" H

# SIMPLE SCENERY For N Scale:

"SCENERY" is the one word in Model Railroading that usually creates some feeling of panic in a new Model Railroader....but it can be very rewarding and fun part of building your layout. First of all, remember that no one can create perfect Scenery on the first try. That is why we suggest you keep your first attempt very simple and basic.

When creating Scenery, some people get confused with "Scale" and keep looking for boxes in the Hobby Shop that are marked "N" Scale or "HO" Scale for trees,ballast and other materials. On most Scenic items, Scale has no meaning...a tree is a tree, a bush a bush...the same tree or bush which is a medium size in HO, would be large on an N layout. The Fine size ballast for HO, would be medium for N scale, and perfectly acceptable.

## MINI-SCENES:

The 'MiniScenes' shown below make quick work of adding a little Scenery detail to your model railroad. Each 'Mini-Scene' is made of an epoxy like material, comes completely painted and ready to place on your layout.

Remember, in building a model railroad you are creating an illusion, and what fits in and looks OK to your eye is perfectly acceptable no matter what the box it came in says on it.

The only items that you have to worry about being "Scale" specific are those that are people specific, i.e. buildings, bridges, miniature figures,vehicles etc. Thus all the Books and Videos that discuss "How To" Scenery projects apply no matter which Scale your are working in.

Now that we have this bit of information out of the way, we want to refer you back to pages 29/30 which contain many Scenic items that can be used on N Scale layouts, Books and Videos; Grass Mats; Trees; Lichen, Ballast etc.

## MINI-FIGURES:

You will be surprised to see by adding some miniature people and animals how a Model Railroad comes to life. We offer an assortment of sets of figures to help you populate your basic layout.

With just a few sets you can add some people waiting for the next train at the station, some townsfolk, railway workers along the track, and animals in the fields.

(More figure sets can be found on pgs 128-130)



OIL TANK FACILITY 5.25 x 2.5 inches  
Order #0214-009802



Automobile Junk Yard 5.25 x 2.5 inches  
Order #0214-009803



Steel Water Tank 2.25 x 2.25 inches  
Order #0214-009808



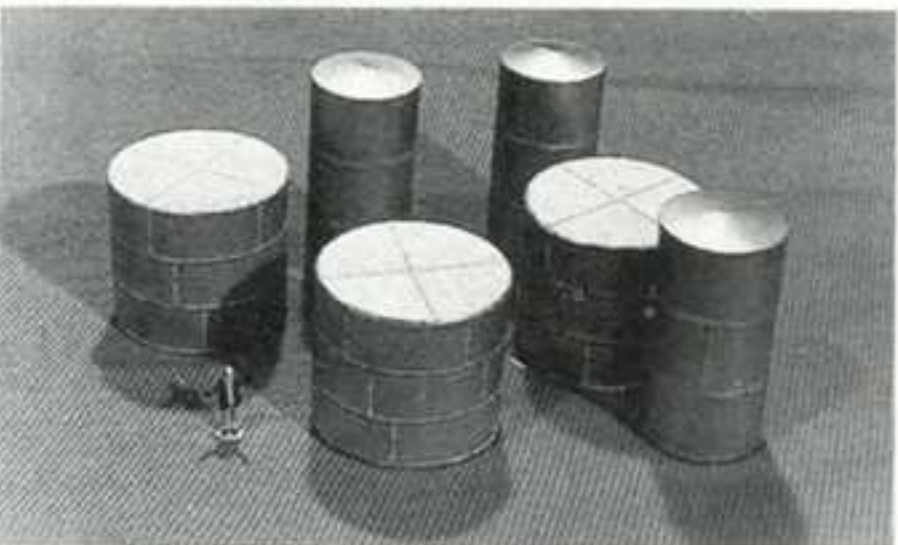
Track Gang Baggage House 5.75 x 2 inches  
Order #0214-009805



40 Ft Concrete Loading Ramp 3.75 x 1.5 inches  
Order #0214-009830



Assorted Junk Piles for Scenery 3.75 x 2.5 inches  
Order #0214-009527



Steel Storage Tanks assorted sizes  
Order #0214-009859



J.E. Work's Gravel Yard.....7 x 2.5 inches  
Order #0214-009833



Railway Personnel, set #1 #0590-009200



Passengers,standing set #1 #0590-009020



Passengers,greeting, set #1 #0590-009028



Track Maintenance gang, set #1 #0590-009035



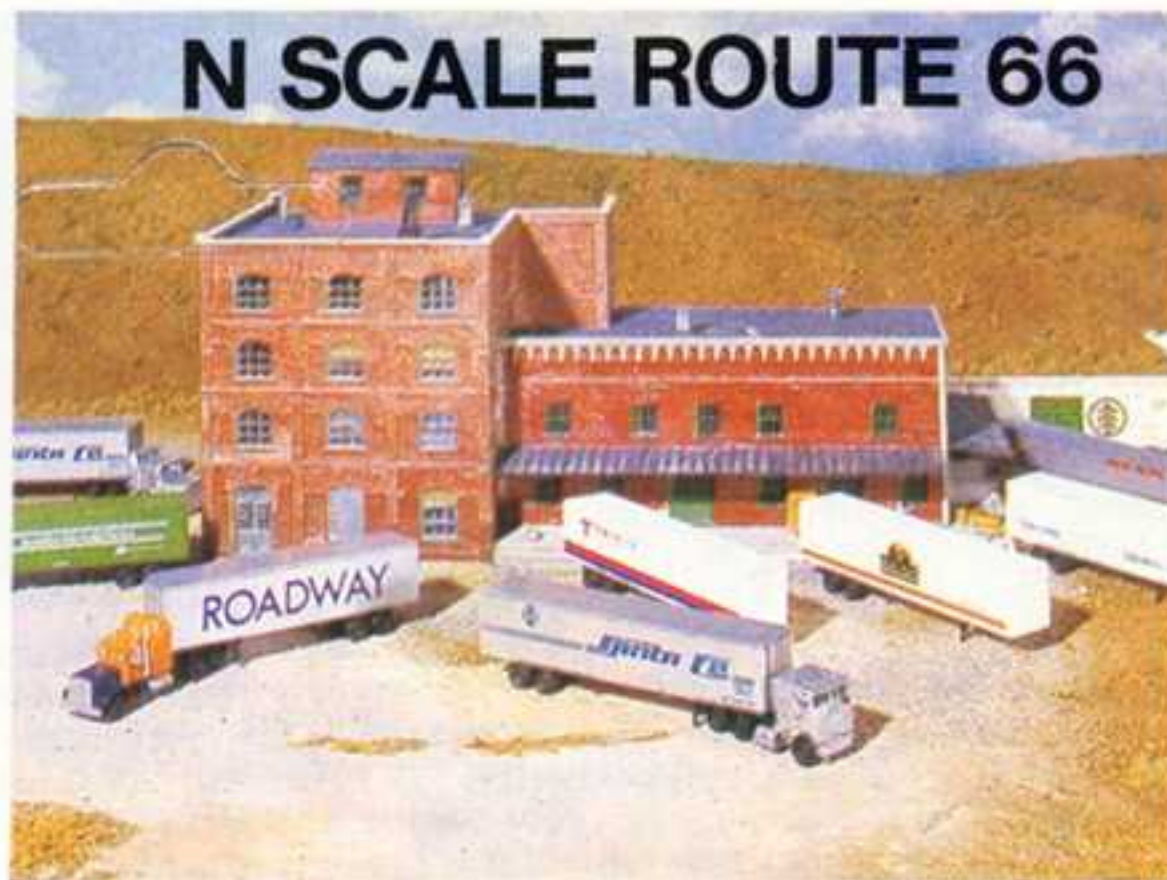
Track Maintenance gang, set #2 #0590-009096



Passengers, Sitting, set #1 #0590-009103



Railway Yard Workers, set #1 #0590-009200



The N scale line of Route 66™ tractor-trailer trucks mirrors the HO line in both appearance and quality. Molded in plastic, each tractor features window glass, rolling wheels and chrome plated exhaust stacks, bumper, grille and fuel tanks. Each truck is fully assembled and ready to use right out of the box. Separate chrome plated horns are included which the modeler may attach for greater detail. The trailers feature fully painted bodies with sharp graphics copied from actual blueprints of trucking companies. Underneath they carry miniature dolly wheels, a spare tire and an air tank. Each individual trailer in a 3-pack carries its own identification number to add to its authenticity. The tractor-trailers can be used in many places around the layout to add reality to highways, streets, factories and freight terminals and railroad intermodal yards. The trailers alone can be used with our Con-Cor Fuel Foller piggyback cars or with any flat car that can be turned into a piggybacker.

**TRACTOR-TRAILER TRUCKS**

Referred to as "18 Wheelers", this is the most commonly seen tractor-trailer combination seen on US highways today. Packaged as a set of two tractor-trailer trucks you get one "conventional" style tractor with a 40 foot trailer as well as a "cab-over" style tractor with a 45 foot trailer.



**TRACTOR-TRAILER TRUCKS**

\*Packaged 2 per pack

- UNDECORATED ..... 0004-003000  
(Painted silver ready for your decals)
- SANTA FE ..... 0004-003001  
(Painted silver with blue lettering)
- ROADWAY ..... 0004-003002  
(Painted silver and orange with blue lettering)
- BURLINGTON NORTHERN ..... 0004-003003  
(Painted green with white lettering)
- CONSOLIDATED FREIGHTWAYS ... 0004-003004  
(Painted white with red and green lettering)
- NORTH AMERICAN ..... 0004-003005  
(Painted white & blue with white & red lettering)
- UNION PACIFIC ..... 0004-003006  
(Painted silver with blue and red lettering)
- SANTA FE "WINGED" STYLE ..... 0004-003007  
(Painted silver with yellow & blue winged logo)
- RYDER/PIE ..... 0004-003008  
(Painted white with red and blue lettering)



**INTERMODEL TRUCKS**

"Intermodel" is the fancy word used today for sea containers. These containers are used in local commerce and coast to coast shipping as well as over the ocean. Packaged as a set of two trucks per pack, you get one "conventional" style tractor with a 40 foot sea container and one "cab-over" tractor with a 45 foot sea container. The containers are detachable from their chassis frames.



**INTERMODEL TRUCKS**

\*Packed 2 per pack

- AMERICAN PRESIDENTS LINE .... 0004-003009  
(Painted silver with blue & red lettering)
- SEALAND ..... 0004-003010  
(Painted silver with red & black lettering)
- EVERGREEN ..... 0004-003011  
(Painted green with white lettering)

We are always adding more items to our Popular Route 66 line, see Order Booklet for complete current selection.

**FLAT BED TRAILERS**

When the load is too large or bulky, the flat bed takes over where conventional means fail. Supplied with side stakes, the ROUTE 66™ flat beds come packaged with both a "Conventional" style tractor and a "Cab-over" style tractor.



**TANK TRUCKS**

Tank trucks can be seen through out the US carrying such products as gasoline, fuel oil, chemicals, liquid sugar and a wide variety of other liquid cargos. The ROUTE 66™ tank trucks is patterned after the popular "elliptical" style trucks most commonly seen. Packaged two per pack you get one "conventional" style tractor with a tank trailer and one "cab-over" style tractor with a tank trailer.



**TANK TRUCKS**

\*Packaged 2 per pack

- LEASEWAY ..... 0004-003012  
(Painted white with blue lettering)
- MOBIL OIL ..... 0004-003013  
(Painted silver with red & blue lettering)
- AMOCO ..... 0004-003014  
(Painted silver with blue, red & black lettering)
- Shell ..... 0004-003015  
(Painted silver with red & yellow lettering)
- UNDECORATED ..... 0004-003016  
(Painted silver ready for your decals)
- TEXACO ..... 0004-003025  
(Silver with red, white & black lettering)
- EXXON ..... 0004-003026  
(Silver with red & blue lettering)
- CARLON ..... 0004-003027  
(Painted yellow with red & black lettering)
- SAFETY CLEAN ..... 0004-003028  
(Painted lime-yellow with black & white lettering)

**FLAT TRUCKS**

\* Packaged 2 per pack

- MILLER LOGGING ..... 0004-003029  
(Logs included for flatbed)
- RYDER ..... 0004-003030  
(Crates included for flatbed)
- LEASEWAY ..... 0004-003031  
(Crates included for flatbed)
- BRILLION ..... 0004-003032  
(Crates included for flatbed)
- UNDECORATED ..... 0004-003033  
(Crates included for flatbed)





**PIGGYBACKING**

"Piggybacking" is the term for moving loaded truck trailers on railway cars from one city to another. The freight cars are usually referred to as TOFC or "Trailer on Flat Car". Although this system was used by the Circus 75 years ago, it has only really caught on in the last 20 years or so with the commercial trucking and railroad industry. ROUTE 66™ trailers are available separately in a package of 3 trailers. The trailers come fully assembled, painted and printed in a high luster crisp finish and the wheels roll freely. As a final touch of realism, each trailer carries its own individual number allowing the ultimate in authenticity. Ready for use on your own flatcars or left in rail yards awaiting the next outbound freight. ROUTE 66™ trailers are available in either 40 foot or 45 foot versions.



**40 FOOT TRAILERS**

- \* Package 3 per pack
- UNDECORATED ..... 0004-005100  
(Painted silver ready for your decals)
- SANTA FE ..... 0004-005101  
(Painted silver with blue lettering)
- BURLINGTON NORTHERN..... 0004-005102  
(Painted green with white lettering)
- CONRAIL ..... 0004-005103  
(Painted white with blue lettering)
- TRANSAMERICA ..... 0004-005104  
(Painted white with red and blue lettering)
- UNITED POSTAL SERVICE..... 0004-005105  
(Painted silver with black and red lettering)
- BUD OF CALIFORNIA ..... 0004-005108  
(Painted white with a multi color scheme)
- ILLINOIS CENTRAL GULF ..... 0004-005107  
(Painted white with black and orange lettering)
- NORFOLK & WESTERN..... 0004-005108  
(Painted white with black lettering)



**45 FOOT TRAILERS**

- \* Packaged 3 per pack
- UNDECORATED ..... 0004-006100  
(Painted silver ready for your decals)
- SANTA FE ..... 0004-006101  
(Painted silver with blue lettering)
- SOUTHERN PACIFIC..... 0004-006102  
"Golden pig service"  
(Painted white with a 5 color lettering scheme)
- CHICAGO & NORTHWESTERN..... 0004-006103  
"Falcon Service"  
(Painted white with red, green & black lettering)
- UNION PACIFIC..... 0004-006104  
(Painted silver with blue and red lettering)
- UNITED POSTAL SERVICE..... 0004-006105  
(Painted silver with black and red lettering)
- LEASEWAY..... 0004-006106  
(Painted white with blue lettering)
- BOSTON & MAINE ..... 0004-006107  
(Silver with black and blue lettering)
- PREFERRED POOL 45 ..... 0004-006108  
(Painted white with black and silver lettering)

**SEA CONTAINERS**

Sea containers are widely used all over the USA. They are used to ship goods from one country to another. You can simulate a harbor scene, or a heavy freight yard scene through the use of sea containers. Place them along side the rails in a freight yard waiting for an out bound freight or park them at the loading dock or a warehouse or factory installation. For added realism, each container within the package carries its own identifying number. ROUTE 66™ sea containers come in 20 foot, 40 foot and 45 foot sizes as well as a wide variety of roadnames. Each container comes complete with its own chassis and the containers can be removed from the chassis if desired.



**40 FOOT RIBBED CONTAINERS**

- \* Packaged 3 per pack
- CAST..... 0004-005109  
(Painted blue with white lettering)
- OOCL ..... 0004-005110  
"ORIENTAL OVERSEAS CONTAINER LINE"  
(Painted silver with red and yellow lettering)
- AMERICAN PRESIDENTS LINE.... 0004-005111  
(Painted silver with blue and red lettering)
- HAPAG/LLYOD..... 0004-005112  
(Painted white with blue lettering)
- UNDECORATED ..... 0004-005113  
(Painted silver ready for your decals)



**45 FOOT RIBBED CONTAINERS**

- \* Packed 3 per pack
- EVERGREEN..... 0004-008109  
(Painted green with white lettering)
- MITSUI..... 0004-008110  
(Painted silver with red, green & black lettering)
- SHOWA ..... 0004-008111  
(Painted silver with red and black lettering)
- SEALAND..... 0004-008112  
(Painted silver with black and red lettering)
- UNDECORATED ..... 0004-008113  
(Painted silver ready for your decals)

**LOOSE CONTAINERS**

The following Boxes are Containers Only Without any chassis, but with a bottom insert so they can be stacked in your railyard or alongside factories, or piers etc. International Standards limit Container stacks to 6 high.

**40 FOOT RIBBED CONTAINERS ONLY**

- \*Packaged 4 per pack
- CAST Container Line..... 0004-003034
- OOCL Container Line..... 0004-003035
- AMERICAN PRESIDENT Line..... 0004-003036
- HAPAG LLYOD Line..... 0004-003037
- UNDECORATED..... 0004-003038

**45 FOOT RIBBED CONTAINERS ONLY**

- \*Packaged 4 per pack
- EVERGREEN Container Line.. .... 0004-003039
- MITSUI Container Line.. .... 0004-003040
- SHOWA Container Line..... 0004-003041
- SEALAND Container Line..... 0004-003042
- UNDECORATED..... 0004-003043

**20 FOOT SEA CONTAINERS (COMING IN 1989)**

- \* Packaged 4 per pack
- JAPAN LINE ..... 0004-003017  
(Painted silver with red and white lettering)
- CP SHIPS..... 0004-003018  
(Painted green with white lettering)
- AMERICAN PRESIDENTS LINES.. 0004-003019  
(Painted silver with red and blue lettering)
- SEALAND..... 0004-003020  
(Painted silver with red and black lettering)
- EVERGREEN..... 0004-003021  
(Painted green with white lettering)
- CAST..... 0004-003022  
(Painted blue with white lettering)
- ALINE ..... 0004-003023  
(Painted blue with white lettering)
- GENSTAR..... 0004-003024  
(Painted mineral red with white lettering)

**SEE ORDER BOOKLET FOR MORE RT 66 ITEMS**

**SPECIAL PREMIUM RT 66 PRODUCTION**

If your company can use any Miniature Trucks or Automobiles in its Advertising and Premium Promotions, or might consider using them, please contact our Premium Sales Dept. for information.



# "N" COLLECTOR SETS --

In the over 25 years we have been manufacturing models, we always get a lot of mail from modelers who suggest ideas on products we should make. And we love to get these ideas. Unfortunately a lot of them are not practical to produce given the limited number of model railroaders in the USA. Also, some famous trains were only regional in nature, and would only have a limited appeal among model railroaders in general.

For example in 1948, during the *hayday* of passenger rail travel, the American Association of Railroads published a list of over 700 *NAME* passenger trains in service on North American rails. The romance and nostalgia of passenger trains rumbling through the night on their travels have captured the interest of railfans for many years. Since there have literally hundreds of famous trains, both regional and national in their fame, we felt that the one time *Limited Run* concept is the only practical way to bring some of the excitement of those trains to you in model form.

We will try to match the consists of the original trains as best we can, but as we make only a few hundred of each set, it is impractical to make special dies for certain cars so few to be made. Each set will also include some special information on its history, or a copy of an early piece of literature pertaining to that line, suitable for framing (if you wish).

Originally we starting only making Passenger Trains as part of the series, but in recent years (after a lot of mail and suggestions from modelers) we included a few "NAME" freight trains as well.

The original idea was only to provide a series of trains for regional modelers, trains that we normally would not include in our regular product line on a day to day basis. This idea proved popular with modelers, as they saw models of trains they ordinarily would never see, but as a side result this series became popular with *Collectors* who have eagerly awaited each set to add to their collection. We recently heard that one of our very first sets, the Chessie Steam Special of 1977 was sold for close to \$1,000.00....pretty good when we sold the set for \$129.98 retail back in 1977. We can not guarantee the future value of any of our sets, but it is a benefit that we did not plan on when we started the series in 1977.

**■COMPLETE LIST OF LIMITED RUN SETS**

- # 1 Chessie Steam Special (1977)
- # 2 Alton Limited (1930's)
- # 3 Norfolk & Western 'Powhatan Arrow' (1948)
- # 4 Union Pacific, San Francisco 'Overland' (1948)
- # 5 U.S. Army Corp of Engineers (1940's)
- # 6 Northern Pacific 'North Coast Limited' (1955)
- # 7 Missouri Pacific 'Colorado Eagle' (1960's)
- # 8 Jersey Central Line 'Blue Comet' (1930's)
- # 9 Baltimore & Ohio 'Capitol Limited' (1930's)
- #10 The Monon 'Hoosier' (1950's)
- #11 Kansas City Southern 'Southern Belle' (1950's)
- #12 The Grand Trunk Western (1950's)
- #13 Rock Island 'Des Moines Rocket' (1950's)
- #14 Illinois Central 'Panama Limited' (1950's)
- #15 New Haven, 'The Cranberry' (1950's)
- #16 Wabash/Katy 'The Texas Special' (1950's)
- #17 Conrail 'Inspection Train' (1970's)

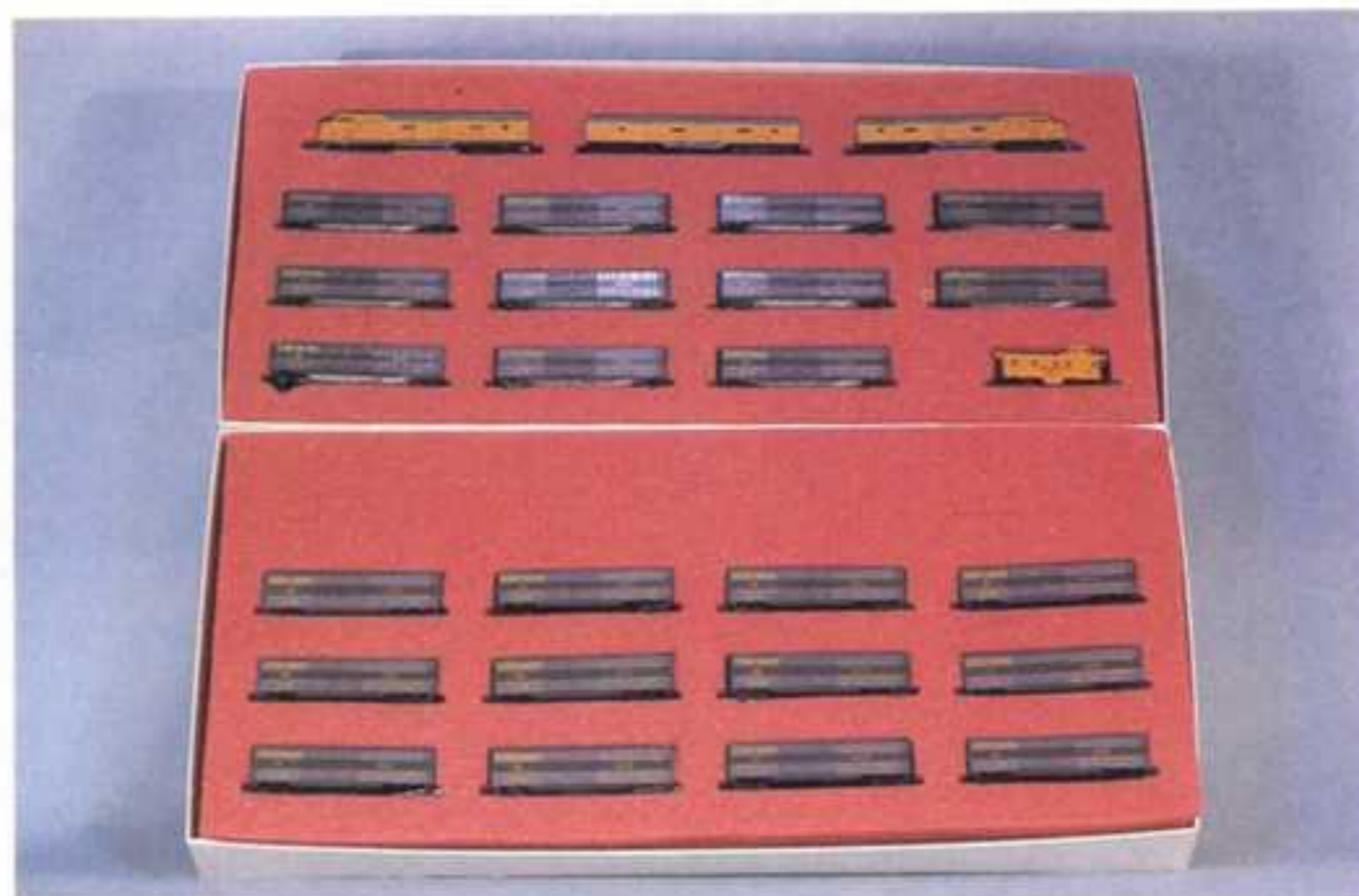
--Note: All of the above are prior to 1986 and we doubt if you will find any in stores.

--The following have been produced within the last couple of years, and if you are lucky, you might find one still available. If you wish you may contact our office and we will try to help you locate one of the following if you are unable to find one locally.

- #18 New York Central 'Pacemaker Freight' (1948)
- #19 Add-On set for Pacemaker Freight Set
- #20 Pennsylvania 'Merchandise Service' (1948)
- #21 Add-On set for Merchandise Service Set
- #22 The Cardinal's Train (NY to Chicago -1926)
- #23 U.S. Army Hospital Train (1940's)
- #24 Santa Fe 'Valley Flyer' (1930's)
- #25 Union Pacific 'Portland Rose' (1930's)
- #26 Fleche-De Ore, European Golden Arrow(1920)
- #27 Union Pacific, 'Express Service Set' (1940's)
- #28 Add-On set for UP Express Service Set

The following are new sets due for release during 1988-89

- #29 Chessie Safety Express (1980's)
- #30 Circus Train (1960's)



**ALCO PA-1 and PB-1 Passenger Diesels**

**READY TO RUN**

The ALCO PA-1 was first built in September of 1946 for heavy passenger service. It immediately became recognized as one of the most striking of all early diesel locomotives, and it has remained the most popular with railfans up until today. Only 170 A units were built, but over the years these same units saw service on many different railroads. The PA's were the true pride of any railroad's passenger fleet.

The Con-Cor N scale replica is equally as striking and as long served. It is recognized throughout the industry as probably one of the best models ever made in N scale. Its superb power and gearing will delight the most perfection-minded operator.

- Minimum Effective Radius ..... 9 3/4"
- Powered PA-1 Kadee Conversion Kit ... 0380-001101
- Unpowered PA-1 Kadee Conv. Kit ..... 0380-001119
- Powered PB-1 Kadee Conversion Kit ... 0380-001102
- Unpowered PB-1 Kadee Conv. Kit ..... 0380-001121

ROADNAMES	Powered A Unit	Unpowered A Unit	Powered B Unit	Unpowered B Unit
Santa Fe (passenger) .....	0001-002002	0001-002102	0001-002022	0001-002042
Pennsylvania Railroad (passenger) .....	0001-002003	0001-002103	0001-002023	0001-002043
Great Northern (Empire Builder) .....	0001-002004	0001-002104	0001-002024	0001-002044
Southern Pacific (Daylight) .....	0001-002005	0001-002105	0001-002025	0001-002045
New York Central (20th Century Limited) .....	0001-002006	0001-002106	0001-002026	0001-002046
Union Pacific .....	0001-002008	0001-002108	0001-002028	0001-002048
Burlington Northern .....	0001-002010	0001-002110	0001-002030	0001-002050
Amtrak .....	0001-002019	0001-002119	0001-002039	0001-002059
Southern Railway (passenger) .....	0001-002020	0001-002120	0001-002040	0001-002060
Southern Pacific (Black Widow) .....	0001-02061B	0001-02071B	0001-02081B	0001-02091B
Erie-Lackawanna .....	0001-02061C	0001-02071C	0001-02081C	0001-02091C
Rio Grande .....	0001-02061D	0001-02071D	0001-02081D	0001-02091D
Conrail .....	0001-02061F	0001-02071F	0001-02081F	0001-02091F
Chicago & North Western .....	0001-02061J	0001-02071J	0001-02081J	0001-02091J
Gulf, Mobile & Ohio .....	0001-02061K	0001-02071K	0001-02081K	0001-02091K
Milwaukee Road .....	0001-02061L	0001-02071L	0001-02081L	0001-02091L
Canadian National .....	0001-02061M	0001-02071M	0001-02081M	0001-02091M
Undecorated (not shown) .....	0001-002001	0001-002101	0001-002021	0001-002041



Top Santa Fe (passenger)  
Middle Pennsylvania Railroad (passenger)  
Bottom Great Northern (Empire Builder)



Top Southern Pacific (Daylight)  
Middle New York Central (20th Century Limited)  
Bottom Union Pacific



Top Burlington Northern  
Middle Amtrak (phase I)  
Bottom Southern Railway (Cresecent Passenger)



Top Rio Grande  
Middle Southern Pacific (Black Widow)  
Bottom Erie-Lackawanna



**ALCO PA-1 and PB-1, Cont.-**



Top Baltimore & Ohio  
Middle Conrail  
Bottom Chicago & Northwestern



Top Gulf, Mobile & Ohio  
Middle Milwaukee Road  
Bottom Canadian National

**ALCO DL 109 Passenger Diesels**

**READY TO RUN**

The ALCO DL109 was the American Locomotive Company's first attempt at a diesel passenger locomotive. They wanted to do it up right, so they hired the famous locomotive stylist Otto Kuhler to design the body. DL109's were made between 1940 and 1945 when the more famous ALCO PA-1 began production. Although only 74 units were produced, these units have achieved a special place in American railroading history. They will always be remembered as one of the first of the modern streamlined locomotives.

Con-Cor's model is made by Kato of Japan, and features the same powerful and highly reliable drive used our PA's.

■ **POWERED ALCO DL109**

- Undecorated .....0001-002400
- Santa Fe (red/silver) .....0001-002401
- New York, New Haven & Hartford (green w/gold) .....0001-002402
- Southern Railway (green/white w/gold).....0001-002403
- Chicago & North Western (yellow/green).....0001-002404
- Milwaukee Road (gray/maroon w/orange) .....0001-002405
- Pennsylvania (maroon).....0001-002406
- Rock Island (Rocket colors).....0001-002407
- New York, New Haven & Hartford (red-silver scheme) .....0001-002408

■ **DUMMY ALCO DL109**

- Undecorated .....0001-002450
- Santa Fe (red/silver) .....0001-002451
- New York, New Haven & Hartford (green w/gold) .....0001-002452
- Southern Railway (green/white w/gold).....0001-002453
- Chicago & North Western (yellow/green).....0001-002454
- Milwaukee Road (gray/maroon w/orange) .....0001-002455
- Pennsylvania (maroon) .....0001-002456
- Rock Island (Rocket colors).....0001-002457
- New York, New Haven & Hartford (red-silver scheme) .....0001-002458

MINIMUM EFFICIENT RADIUS .....9 3/4"  
KADEE CONVERSION KIT..... ±1049

Prices and Availability Are Subject to Change





# EMD E8 A and B Unit Passenger Diesels

## READY TO RUN

In August of 1949, Electro-Motive began production of the E8A, a 2250 horsepower passenger cab locomotive containing two diesel engines and steam facilities for heating passenger cars. They would continue to be made for more than four years and the total of units built for U.S. and Canadian railroads would reach 421. The most obvious difference between the E8 and its sister E7 units were the four widely spaced portholes on the side panels. There were few outside differences between the E8's and their successors, the E9 passenger units.

The Con-Cor E8A locomotive features the fine, high quality detailed body by Rivarossi enclosing a recent high-powered, smooth-running chassis made by Kato of Japan. This wedding of detail and performance has already made this locomotive a popular and reliable performer for those who have purchased it. Lately we've added the dummy E8 B unit to our line for those who like to add the impression of great power. (Our A units pull so well you wouldn't need a powered B unit.) Wouldn't you like to have these units leading your high class passenger runs?

### POWERED A AND DUMMY A UNIT SETS

Undecorated .....	0001-002700
Pennsylvania Railroad .....	0001-002701
Baltimore & Ohio .....	0001-002702
Chicago & North Western .....	0001-002703
Santa Fe .....	0001-002704
Union Pacific .....	0001-002705
Conrail .....	0001-002706
Great Northern .....	0001-002707
Southern Pacific (Daylight) .....	0001-002708
Amtrak (Phase II) .....	0001-002709
Chesapeake & Ohio .....	0001-002710

### POWERED A UNITS

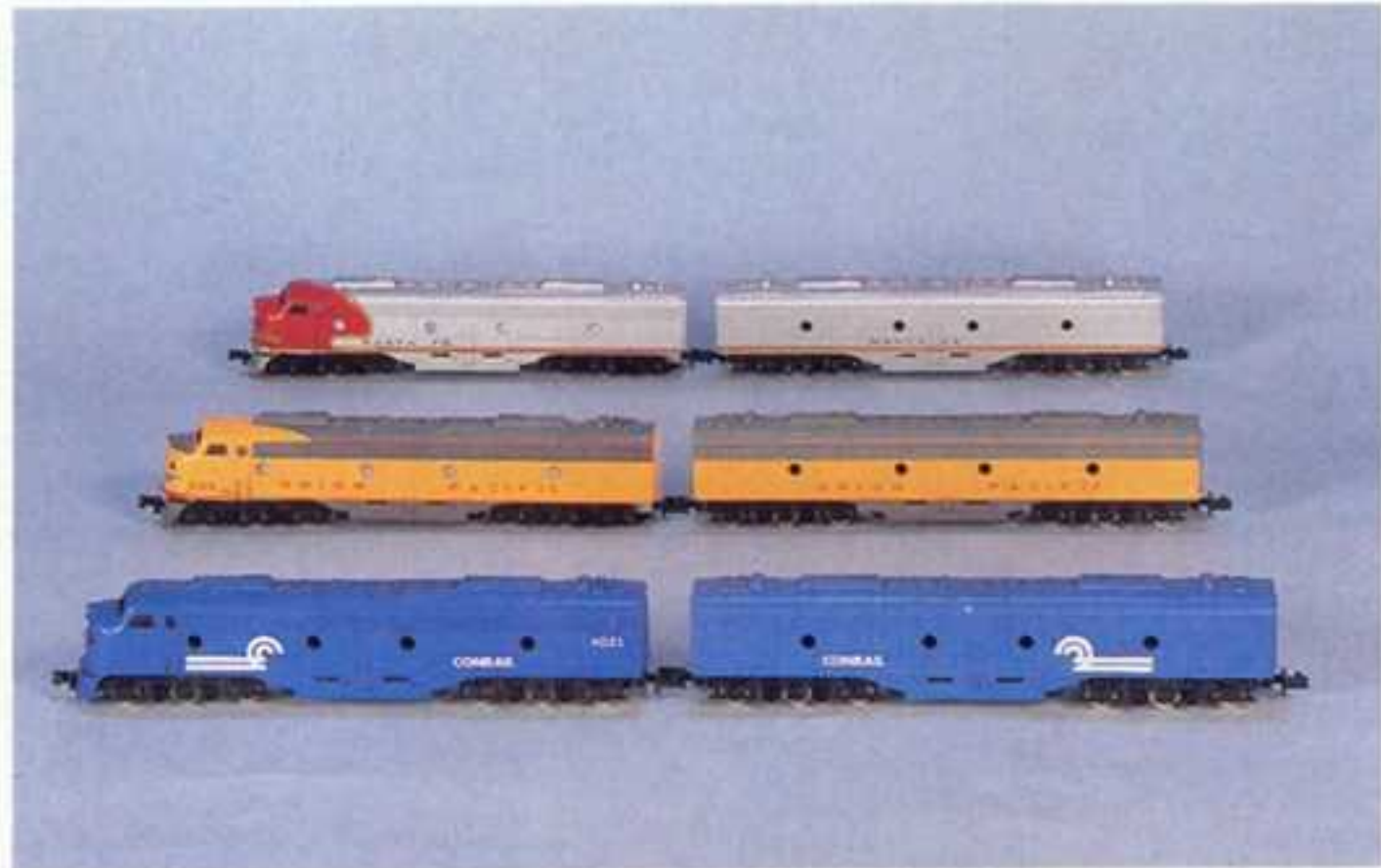
Undecorated .....	0001-002720
Pennsylvania Railroad .....	0001-002721
Baltimore & Ohio .....	0001-002722
Chicago & North Western .....	0001-002723
Santa Fe .....	0001-002724
Union Pacific .....	0001-002725
Conrail .....	0001-002726
Great Northern .....	0001-002727
Southern Pacific (Daylight) .....	0001-002728
Amtrak (Phase II) .....	0001-002729
Chesapeake & Ohio .....	0001-002730

### DUMMY A UNITS

Undecorated .....	0001-002740
Pennsylvania Railroad .....	0001-002741
Baltimore & Ohio .....	0001-002742
Chicago & North Western .....	0001-002743
Santa Fe .....	0001-002744
Union Pacific .....	0001-002745
Conrail .....	0001-002746
Great Northern .....	0001-002747
Southern Pacific (Daylight) .....	0001-002748
Amtrak (Phase II) .....	0001-002749
Chesapeake & Ohio .....	0001-002750

### DUMMY B UNITS

Undecorated .....	0001-002760
Pennsylvania Railroad .....	0001-002761
Baltimore & Ohio .....	0001-002762
Chicago & North Western .....	0001-002763
Santa Fe .....	0001-002764
Union Pacific .....	0001-002765
Conrail .....	0001-002766
Great Northern .....	0001-002767
Southern Pacific (Daylight) .....	0001-002768
Amtrak (Phase II) .....	0001-002769
Chesapeake & Ohio .....	0001-002770



## EMD E7 A and B Units Passenger Diesels

### READY TO RUN

EMD is the abbreviation for Electro-Motive-Division of General Motors Corp. which is based in LaGrange Illinois. EMD got an early start in producing Diesel Locomotives for the railroads, and became the #1 supplier for almost 50 years in the USA. And for many years they also exported a wide variety of Diesel Locomotives used on Foreign Railways all over the world.

As a sign of the times, EMD announced in early 1988 that after several years of declining orders and profits that they were going to close the LaGrange Illinois factory, and move all their Diesel Locomotive production left in North American to a smaller factory they already owned in Toronto Canada..thus ending the reign of EMD as the #1 USA producer.

EMD first began to produce 6-axle Passenger Diesels for American Railroads in 1939 with the E3A model. over the next 5 years various models were produced alongside a lot of Military equipment in the LaGrange plant. Models E4, E5, E6, came and went...all good, but not good enough. Then with the war winding down in 1945 EMD introduced the E7 model which was to become the backbone of 6-axle diesel fleets used by American Railroads during the rest of the 1940's. With the war over, the Railroads went after the civilian passenger market in a big way, and bought almost 500 of the E7A and B units between 1945 and 1949 when the E8 model was introduced. (See next page for the E8's).

If you look carefully, you will see the differences in the windows and grills that make the major exterior differences between the E7's and E8's.

#### ■POWERED A UNITS

Undecorated	#0001-002820
Seaboard Coast Line	#0001-002822
Illinois Central (1960's)	#0001-002824
Southern Ry.(Crescent)	#0001-002825
New York Central (two tone gray)	#0001-002826
Santa Fe (War bonnet)	#0001-002827
Union Pacific	#0001-002828
Pennsylvania (maroon)	#0001-002829
Burlington Northern	#0001-002830

#### ■DUMMY A UNITS

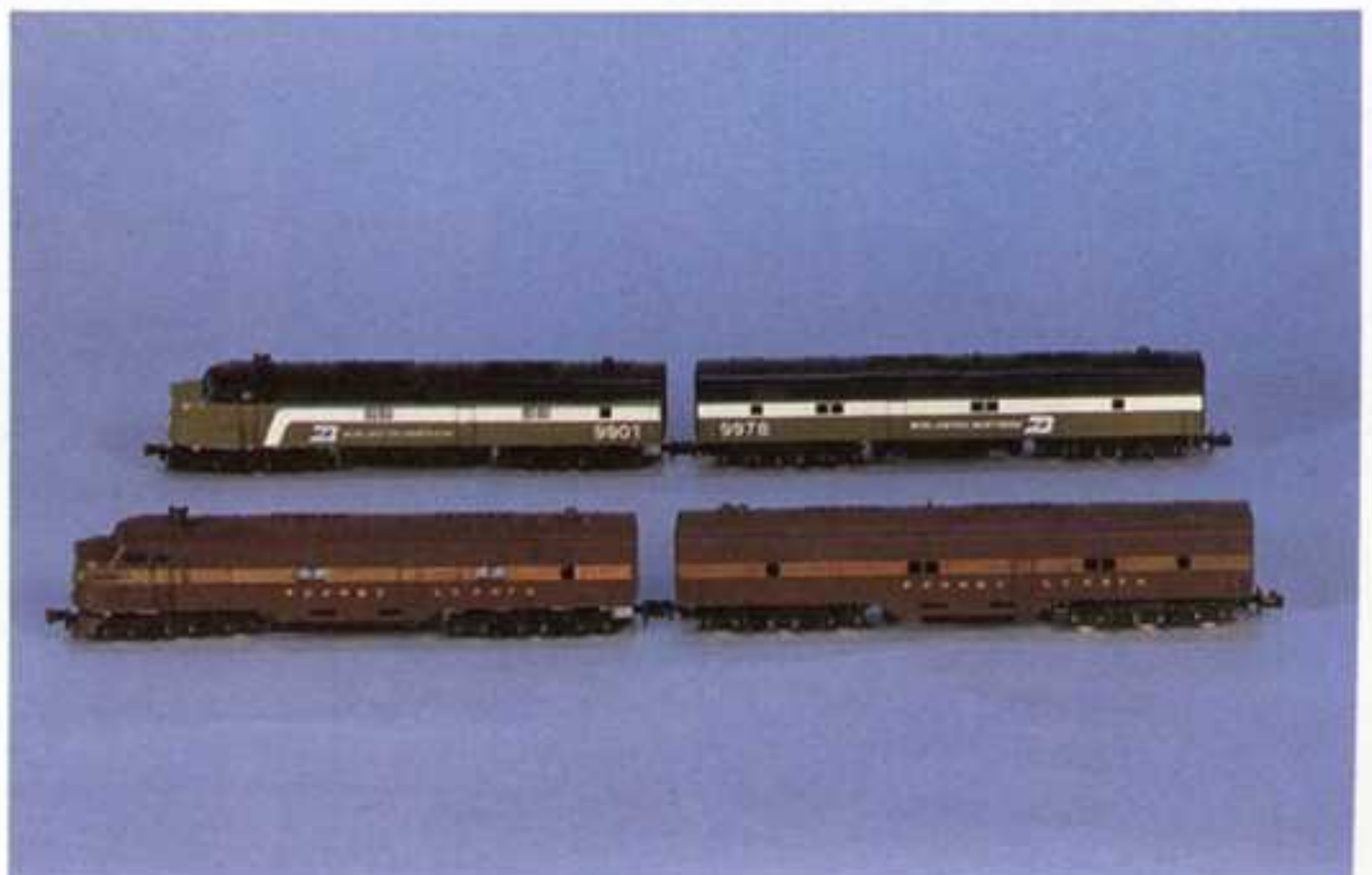
Undecorated	#0001-002840
Seaboard Coast Line	#0001-002842
Illinois Central (1960's)	#0001-002844
Southern Railway (Crescent)	#0001-002845
New York Central (two tone gray)	#0001-002846
Santa Fe (War bonnet)	#0001-002847
Union Pacific	#0001-002848
Pennsylvania (maroon)	#0001-002849
Burlington Northern	#0001-002850

#### ■Dummy B UNITS

Undecorated	#0001-002860
Seaboard Coast Line	not/avail
Illinois Central (1960's)	not/avail
Southern Railway (Crescent)	#0001-002865
New York Central (two tone gray)	#0001-002866
Santa Fe (War bonnet)	#0001-002867
Union Pacific	#0001-002868
Pennsylvania (maroon)	#0001-002869
Burlington Northern	#0001-002870

#### ■POWERED A AND DUMMY A UNIT SETS

Undecorated	#0001-002800
Seaboard Coast Line	#0001-002802
Illinois Central (1960's)	#0001-002804
Southern Railway (Crescent)	#0001-002805
New York Central (two tone gray)	#0001-002806
Santa Fe (War bonnet)	#0001-002807
Union Pacific	#0001-002808
Pennsylvania (maroon)	#0001-002809
Burlington Northern	#0001-002810



# EMD SW 1500 Diesel Switchers



Stylistically reminiscent of Electro-Motive's earliest switcher designs of the mid-30's, the SW1500 switcher locomotive came onto the prototype railroad scene in 1966. Featuring a 12 cylinder 645 engine that could put out 1500 horsepower, it was designed specifically to meet the growing needs of the railroads for modern, efficient switching machinery. The SW1500 was offered in two forms - as a human-controlled unit with a cab (called a cow) and as a cabless booster unit (called a calf) controlled through MU cables from the cow. These workhorses were purchased by nearly every major railroad in North America (along with many short lines and industries) and they have served long and well.

These Con-Cor models feature a highly detailed body molded by the Italian firm of Rivarossi mounted on a mechanism made by Kato in Japan. They are powerful, smooth-running, quiet, and (thanks to 2 traction tires) great pullers. They are also lighted front and rear. These model locomotives belong in any yard facility and even on the smallest branch line layouts.

Minimum Effective Radius ..... 9 3/4"

**ROADNAMES**

	Powered Cow	Dummy Cow	Powered Cow and Dummy Calf Set
Undecorated (not shown) .....	0001-5001UN	0001-5011UN	0001-005000
Santa Fe (1960's freight).....	0001-05001A	0001-05011A	0001-005001
Union Pacific .....	0001-05001B	0001-05011B	0001-005002
Chicago, Burlington & Quincy .....	0001-05001C	0001-05011C	0001-005003
Great Northern (Glacier scheme) .....	0001-05001D	0001-05011D	0001-005004
Pennsylvania Railroad.....	0001-05001E	0001-05011E	0001-005009
New York Central.....	0001-05001G	0001-05011G	0001-005002
Norfolk & Western.....	0001-05001H	0001-05011H	0001-005010
Southern Railway.....	0001-05001J	0001-05011J	0001-005011
Conrail.....	0001-05001K	0001-05011K	0001-005012
Electro-Motive Demo(not shown) .....	0001-05001M	0001-05011M	
Southern Pacific (Black Widow) .....	0001-05001N	0001-05011N	0001-005005
Missouri Pacific(not shown).....	0001-05001W	0001-05011W	0001-005013
Clinchfield Railroad(not shown) .....	0001-05001X	0001-05011X	0001-005022
Rock Island (The Rock) .....	0001-05001Y	0001-05011Y	0001-005008
Milwaukee Road.....	0001-05001Z	0001-05011Z	0001-005007
Louisville & Nashville .....	0001-05002A	0001-05012A	0001-005014
Burlington Northern.....	0001-05002B	0001-05012B	0001-005006
Seaboard Coast Line .....	0001-05002C	0001-05012C	0001-005015
Amtrak (available Fall 1988).....	0001-05002G	0001-05012G	0001-005019
Santa Fe (1980's Blue/Yellow avail. Fall 1988) .....	0001-05002D	0001-05012D	0001-005016
Southern Pacific (1980's Bloody Nose avail. Fall 1988) .....	0001-05002F	0001-05012F	0001-005018
CSX (formerly Chessie/Seaboard - available Fall 1987) .....	0001-05002E	0001-05012E	0001-005017
Soo Line (available Fall 1988).....	0001-05002H	0001-05012H	0001-005020
Illinois Central Gulf (available Fall 1988) .....	0001-05002J	0001-05012J	0001-005021



Santa Fe (Blue/Yellow 1960-1970's Freight Scheme)  
 Union Pacific (1960's to present)  
 Chicago, Burlington & Quincy (1960-1970's)



Great Northern (Orange/Olive Glacier Scheme)  
 Pennsylvania (Dark Brunswick Green)  
 New York Central



Norfolk & Western (1970's)  
 Southern Railway (1970's)  
 Conrail (1970's to present)



Southern Pacific (Black Widow Scheme)  
 Rock Island  
 Milwaukee Road



**EMD SW 1500 Diesel Switchers, Cont. -**



Louisville & Nashville    Burlington Northern    Seaboard Coast Line (Family Lines)



Southern Pacific (Gray/Red)    C S X Lines (Blue/Gray)

**Center Cab Switchers**

READY TO RUN

"Fantastic!" That's what modelers from all over the U.S.A. said when we shipped the first batch of these small diesel switchers several years ago. Slow switching is easy with these little giants. You will not be disappointed if you add one or two to your railroad's roster. The 4 axle drive, superb PA quality motor and heavy die cast frame are designed to please the most demanding model railroader. Their body type is close to that of switchers made by GE and ALCO during the Thirties and Forties.

MINIMUM EFFECTIVE RADIUS ..... 9 3/4"  
KADEE CONVERSION KIT ..... 1128 or 1129?

■ CENTER CAB SWITCHER

- Undecorated ..... 0001-00701 A
- Santa Fe ..... 0001-00701 B
- Southern Railway ..... 0001-00701 C
- Pennsylvania Railroad ..... 0001-00701 D
- Southern Pacific ..... 0001-00701 E

- Chicago & North Western ..... 0001-00701 F
- Norfolk & Western ..... 0001-00701 G
- Illinois Central ..... 0001-00701 H
- Union Pacific ..... 0001-00701 J
- Milwaukee Road ..... 0001-00701 K
- Amtrak ..... 0001-00701 N



**" N " MP-15 Diesel Switcher**

The prototype MP-15's were developed in the late 1970's as the next generation to the old standby SW series. The MP stands for Multi-Purpose and the 15 for 1500 Horsepower. Designed for yards, branch lines, and other switching duties, they contain all the modern electronic controls and safety features of their "Big Brother" road units such as the SD/40-2 and SD/50 series.

Our model of the MP-15 is highly detailed, comes with finely detailed handrails, and contains a smooth running mechanism similar to our SW-1500 diesel switcher.

Scheduled for introduction during early 1989, and will be one of the first new products from our Tucson Arizona plant. Please check the Order Booklet that accompanies this catalog for up-to-date details on roadnames and release dates.

*(New for 1989)*



# RDC (Rail Diesel Car) Passenger Units



READY TO RUN

In the early 1950's, the Budd Company introduced a modern version of the old interurban cars and self-propelled "doodlebugs" that had been so popular during the 1920's and 1930's. Dubbed the RDC (for Rail Diesel Car), it quickly became a popular vehicle for many of the major railroads — most especially on their branch lines and those routes previously deemed too lightly traveled to serve with normal passenger trains.

There were three basic variations of the RDC car. The RDC-1 was set up for carrying only passengers. The RDC-2 took away some of the passenger seating area and used it for a small baggage compartment. The RDC-3 removed yet more of the passenger seating area to add a small Railway Post Office section to the baggage compartment. As an example of the way RDC's were used, the Santa Fe (ATSF) utilized DC-191 (an RDC-1) and DC-192 (an RDC-2) in series between San Diego and Los Angeles, running the RDC-1 in front, with the RDC-2 (baggage compartment at the rear) as a trailer — both fully powered.

Our models of the three principal styles are faithful reproductions of their originals, and we've painted and lettered them for the primary roads that utilized them. We hope you enjoy them, for we're sure you'll find a place on your roster for these smoothly operating beauties.

MINIMUM EFFECTIVE RADIUS ..... 9 3/4"  
KADEE CONVERSION KIT ..... 1101



TOP RDC-2 Amtrak, note extra baggage door at left end of RDC  
Middle RDC-3, Amtrak, note almost 1/2 car is baggage/freight  
Bottom RDC-1, Amtrak, Full passenger version, no extra space for baggage



	RDC-1		RDC-2		RDC-3	
	Powered	Dummy	Powered	Dummy	Powered	Dummy
Undecorated	0001-004440	0001-004460	0001-004480	0001-004500	0001-004520	0001-004540
Santa Fe	0001-004441	0001-004461	0001-004481	0001-004501	0001-004521	0001-004541
Pennsylvania	0001-004442	0001-004462	0001-004482	0001-004502	0001-004522	0001-004542
Southern Pacific	0001-004443	0001-004463	0001-004483	0001-004503	0001-004523	0001-004543
New York Central	0001-004444	0001-004464	0001-004484	0001-004504	0001-004524	0001-004544
Southern Railway	0001-004445	0001-004465	0001-004485	0001-004505	0001-004525	0001-004545
Great Northern	0001-004446	0001-004466	0001-004486	0001-004506	0001-004526	0001-004546
Union Pacific	0001-004447	0001-004467	0001-004487	0001-004507	0001-004527	0001-004547
Amtrak	0001-004448	0001-004468	0001-004488	0001-004508	0001-004528	0001-004548
Canadian National	0001-004449	0001-004469	0001-004489	0001-004509	0001-004529	0001-004549
Boston & Maine	0001-004450	0001-004470	0001-004490	0001-004510	0001-004530	0001-004550
New Haven	0001-004451	0001-004471	0001-004491	0001-004511	0001-004531	0001-004551



**EMD SD40-2 Road Switchers**

READY TO RUN

Early in 1972 EMD introduced the high horsepower road switcher given the designation SD40-2. It featured a 16 cylinder 3000 horsepower engine, a modular electronic control system for ease of maintenance and HT-C (high traction) trucks. More reliable and easier to maintain than its competition, the SD40-2 became the mainstay of North American railroads throughout the Seventies and into the Eighties, eventually selling more than 2500 units over its long production run.

The Con-Cor model of this popular locomotive features: superb body detail; good weight distribution; 8 wheel drive and pickup; a headlight; printed circuitry; a powerful 3-pole motor with a skewed armature for smoother slow speed running and worm and spur gearing on each truck. It weighs in at a hefty 3 1/2 ounces.



- POWERED EMD SD40-2 ROAD SWITCHER
- Norfolk & Western.....0001-002601
- Santa Fe.....0001-002602
- Union Pacific.....0001-002603
- Southern Pacific.....0001-002604
- Family Lines.....0001-002605
- Chessie System.....0001-002606

- Chicago & North Western.....0001-002607
- Burlington Northern.....0001-002608
- Canadian Pacific.....0001-002609
- Conrail.....0001-002610
- Norfolk Southern (recent).....0001-002611
- Santa Fe (merger scheme).....0001-002612
- Southern Pacific (merger scheme).....0001-002613

- Missouri Pacific (U.P. colors).....0001-002614
- Burlington Northern (safety stripes)....0001-002615
- Norfolk & Western, Director's Spec.....0001-002616
- Undecorated (not shown).....0001-002600
- Minimum Efficient Radius.....9 3/4"
- Kadee Conversion Kit.....0380-001110

**"N" F-3 Road Diesel**  
(New for 1989)

At the end of WWII, EMD introduced the F-3 4-axle road diesel, just about the same time they started selling the 6-axle E-7 shown on page 91. At first the F-3's were used to replace Steam Locomotives on passenger runs, and on Express Freight trains, as more diesels arrived on the railroads, steam slowly was displaced even on the ordinary freight runs. The F-3 was the beginning of the end for Steam Locomotives on the American Railroads.

Over 1800 F-3 A's and B's were built in the period of July 1945 to Feb of 1949 when the F7 diesel was introduced.

Con-Cor first made models of these F-3's during the late 1970's. Now we are bringing them back with an all new mechanism of the quality of our E7 and E8 units. Scheduled for introduction in early 1989, these will be some of the first items produced in our new Tucson, Arizona plant.

Please see the Order Booklet that accompanies this catalog for up-to-date details on roadnames and release dates.



1962

1987

## EMD SD50 Road Switchers

READY TO RUN

Introduced in 1980, the SD50 is one of the newer locomotives in the EMD catalog. The powerful (3500 horsepower) SD50 is used in groups by modern railroads in situations where heavy freight-pulling power is needed.

Our N scale SD50 model has all the fine detail and quality we've become known for. It uses the same basic mechanism as does our popular SD40-2 model, making it easy to use the two models together in freight lashups.

### POWERED EMD SD50 ROAD SWITCHER

Conrail .....	0001-002651
Chessie System .....	0001-002652
Norfolk Southern .....	0001-002653
Union Pacific .....	0001-002654
Santa Fe .....	0001-002655
Missouri Pacific (U.P. colors) .....	0001-002656
Southern Pacific (Bloody Nose) .....	0001-002657
Santa Fe (1986 SF/SP Merger paint) ..	0001-002658
Southern Pacific (1986 SF/SP Merger scheme) .....	0001-002659
CSX (formerly Chessie/Seaboard) .....	0001-002660
Undecorated (not shown) .....	0001-002650

Minimum Efficient Radius .....	9 3/4"
Kadee Conversion Kit .....	0380-001110



## General Electric U50 "Cab-Forward" Diesels

READY TO RUN

The diesel that has become famous as the "Cab-Forward" Diesel was built in the early 1960's using many components from the older Gas Turbine locomotives which had been traded in by the Union Pacific Railroad. It is one of the largest diesels ever modeled in N scale. Our powerful model is a welcome addition to a pike that features heavy freight and/or passenger service because its weight allows it to pull long strings of cars without slipping.



### POWERED GE U50 DIESELS

Union Pacific .....	0001-03301 A
Southern Pacific (freight) .....	0001-03301 C
Chessie System .....	0001-03301 D
Santa Fe (passenger) .....	0001-03301 E
Burlington Northern .....	0001-03301 G

Pennsylvania Railroad (freight) .....	0001-03301 H
Great Northern (Empire Builder) .....	0001-03301 J
Santa Fe (freight) .....	0001-03301 K
Amtrak .....	0001-03301 L
Conrail .....	0001-03301 M
Undecorated (not shown) .....	0001-03301 B



**General Electric  
"Veranda"  
Gas Turbine Locos**

**READY TO RUN**

During the 1940's and the 1950's the Union Pacific Railroad, always a lover of big power, experimented with a wide variety of motive power on its long runs over Sherman Hill between Omaha, Nebraska and Cheyenne, Wyoming. The Gas Turbines were one of those experiments. These locomotives, called the "Verandas" because of the long roofed walkways on their sides, became as common as the Big Boy steam locomotives that they replaced. When these locomotives were traded back to GE, their chassis and other components were used to build the original U50 diesels. Our model Gas Turbine uses the same high quality mechanism as the U50 listed above, and it will pull just as well.



Minimum Effective Radius .....	11"
Kadee Conversion Kit .....	0380-001049
Minimum Effective Radius .....	11"
Kadee Conversion Kit .....	0380-001049

ROADNAMES	Powered Gas Turbines	Tenders for Gas Turbines
Union Pacific .....	0001-03321B	0001-03331B
Great Northern (Empire Builder) .....	0001-03321C	0001-03331C
Santa Fe (passenger) .....	0001-03321D	0001-03331D
Santa Fe (freight) .....	0001-03321E	0001-03331E
Pennsylvania Railroad (passenger) .....	0001-03321F	0001-03331F
Pennsylvania Railroad (freight) .....	0001-03321G	0001-03331G
Southern Pacific (Black Widow) .....	0001-03321H	0001-03331H
Undecorated (not shown) .....	0001-03321A	0001-03331A

**ALCO C636  
Road Switcher**

**READY TO RUN**

The Century series locomotives were among the last freight locomotives built by the American Locomotive Company. The Century series was ALCO's answer to its competition. The series was redesigned from earlier ALCO's for easier servicing, and it was the first series of locos that made it possible to use six powered axles for high speed running. It was powered by a 16 cylinder 3600 horsepower engine. The C636 model designation was basically a slight variation from the more popular C628 and C630 models. Only 34 of these particular engines were made. They were produced between December 1967 and November 1968.

The C636 models that we offer now feature a motor and mechanism that have been improved over the ones used in the early C636 models so that operation will be more enjoyable.

**POWERED ALCO C636 ROAD SWITCHER**

Burlington Northern .....	0001-002251
Southern Pacific (Bloody Nose) .....	0001-002252
Illinois Central .....	0001-002253
Santa Fe .....	0001-002254
Conrail .....	0001-002255
Union Pacific .....	0001-002256
Milwaukee Road .....	0001-002257
Pennsylvania Railroad .....	0001-002258
New York Central .....	0001-002259
Baltimore & Ohio .....	0001-002260
Norfolk & Western .....	0001-002261
Western Pacific .....	0001-002262
Undecorated (not shown) .....	0001-002250

Minimum Efficient Radius .....	9 3/4"
Kadee Conversion Kit .....	0380-001109





## EMD SD-45 Diesel Road Switchers

READY TO RUN

The SD-45 was EMD's most popular diesel locomotive from 1965 thru 1971 with over 1200 sold to Railroads all over the USA. Many of them are still in service today.

■ EMD SD45 DIESEL ROAD SWITCHERS

Undecorated .....	0001-002200
Union Pacific (ylw/gry) .....	0001-002201
Santa Fe (blu/ylw) .....	0001-002202
Burlington Northern (grn/blk).....	0001-002203
Minimum Effective Radius .....	9 3/4"
Kadee Conversion Kit .....	0380-001110



## FM H-12-44 Diesel Switcher

READY TO RUN

Fairbanks Morse was one of the early builder of industrial diesel engines, and designing and building Railroad Diesel Locomotives was a natural extension of their main business. However, they never made a big enough dent in the diesel market to stay in the business, although some of their designs will remain a modeler's favorite forever.

The H-12-44 sported a car body designed by the Famous John Loewy, and was a 1200 Horsepower yard and light switching locomotive. Our model is features a heavy die-cast frame and smooth running mechanism.

■ FM H-12-44 DIESEL SWITCHER

Undecorated	#0475-032000
Conrail (Blue/white)	#0475-032001
Milwaukee Road (Orange/black)	#0475-032002
Pennsylvania (Brunswick green)	#0475-032003
Union Pacific (Yellow/gray)	#0475-032004
Santa Fe (Black/white 1960's)	#0475-032005
Southern Pacific (Black/wh 1950's)	#0475-032006
Southern Railway (Black/wh 1950's)	#0475-032007
Santa Fe (Blue/Yellow 1960-70's)	#0475-032008
Southern Pacific (Bloody Nose 60's)	#0475-032009
C S X (Blue/gray-old Chessie System)	#0475-031999
Norfolk/Southern (Black/white)	#0475-031998



## GE U-28C Diesel Locomotive

READY TO RUN

General Electric started building electric Railway locomotives in 1928. Eventually they also started to build diesel locomotives at Erie Pennsylvania as well as Schenectady NY. The U-28C was a 6-axle diesel built for mainline freight service in 1965/66.

While GE was always a distant 2nd to EMD in diesel production in the USA, they usually had innovative features and reliable operation. Now with EMD moving their operations to Canada, GE becomes the largest building of Diesel Locomotives in the USA.

■ GE U-28C DIESEL LOCOMOTIVE

Undecorated	#0475-032010
Rock Island (Red/white)	#0475-032011
Santa Fe (freight Blue/yellow)	#0475-032012
Conrail (Blue/white)	#0475-032013
Burlington Northern (Green/white)	#0475-032014
Southern Pacific (Gray/red)	#0475-032015
Union Pacific (Gray/yellow)	#0475-032016
Santa Fe (Pass. Red/Silver)	#0475-032017
Norfolk Southern (Black-white)	#0475-032018
C S X (Gray-Blue-old Chessie)	#0475-032019

NOTE: The next production run of the U-28C is scheduled for the Spring of 1989.



# ELECTRIC LOCOMOTIVES

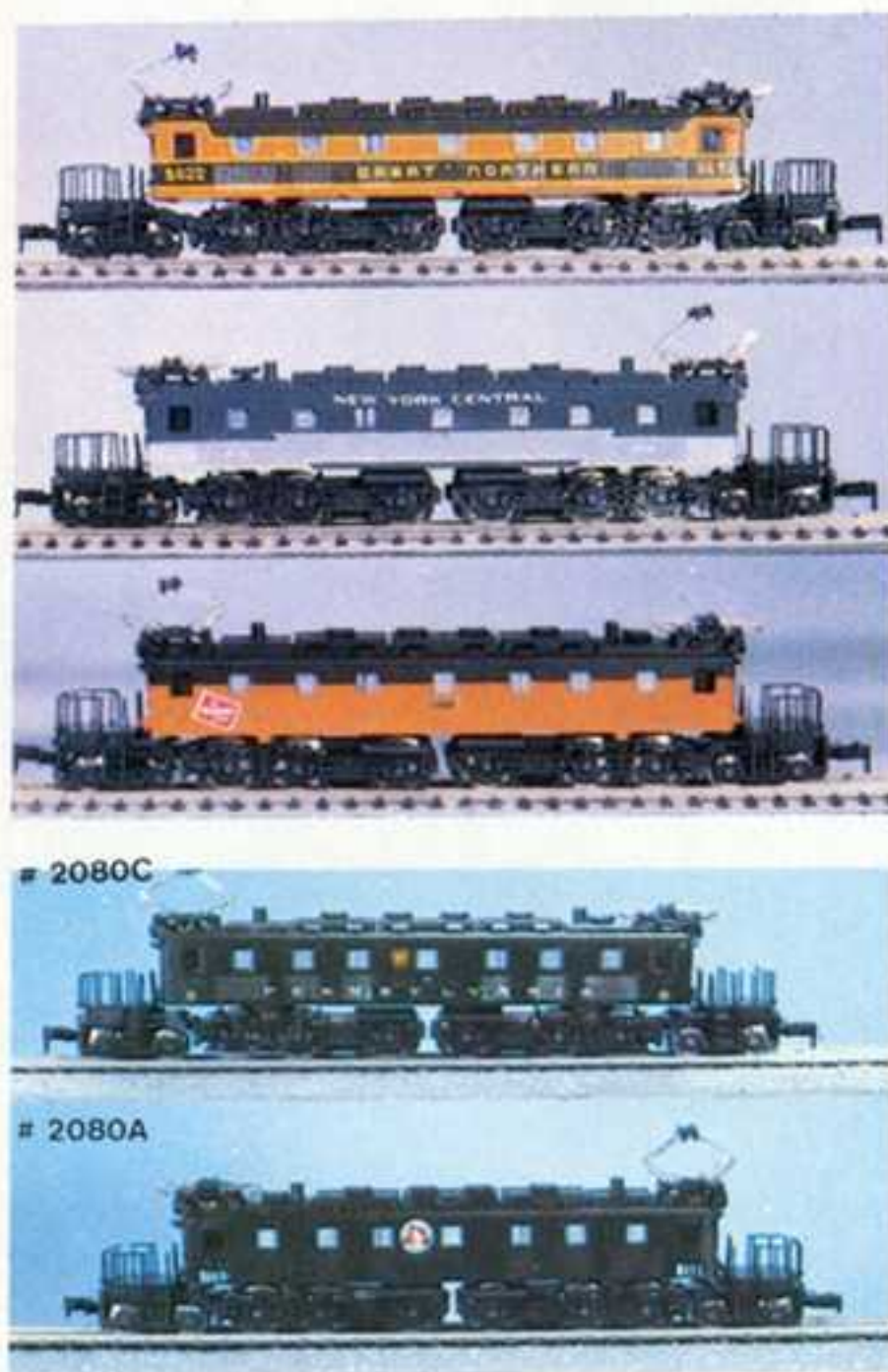
In areas of the heavily populated Eastern Seaboard and in the Pacific Northwest, various railroads electrified their main lines many years ago. To run on such an electrified line, locomotives must be able to utilize the "overhead catenary", as the above-the-track electrical feeder system is termed. Our models of the EF-65, the E851A and the EF-70 (shown on this page) represent such prototype locomotives.

While our models DO NOT run off the overhead, they do present a very attractive alternative to the diesels and steam engines found on most layouts. And, each features the quality and craftsmanship of KATO of Japan in all aspects from motors to drive trains. They promise smooth operation for the N scaler who demands a full range of operating speeds and continuing reliability! It's time to electrify your railroad!

## EF-57 Electric Freight/Passenger Locomotives

**READY TO RUN**

This locomotive was patterned after the heavy electrics of the Great Northern, which utilized them around the famous Cascade Tunnel. Massive in its appearance, our model itself scales a full 70 feet in length and features our famous PA-1 5-pole motor, 4 axle drive, a heavy diecast frame for super pulling power and reversing headlights at both ends. (However, the model will NOT operate from overhead wire without extensive modifications.)



- EF-57 ELECTRIC LOCOMOTIVES
- Undecorated ..... 0001-002080
- A Great Northern (green/white) ..... 0001-02080A
- B Great Northern (orange/green) ..... 0001-02080B
- C Pennsylvania (green/gold) ..... 0001-02080C
- D Milwaukee Road (orange/black) ..... 0001-02080D
- E New York Central (20th Century) 0001-02080E
- Minimum Effective Radius ..... 9¾"
- Kadee Conversion Kit ..... 0380-001049



## EF-70 Electric Passenger Locomotives

**READY TO RUN**

- EF-70 ELECTRIC LOCOMOTIVES
- Undecorated ..... 0001-002071
- A Pennsylvania Railroad ..... 0001-002072
- B New York Central ..... 0001-002074
- C Great Northern (Glacier) ..... 0001-002075
- D Burlington Northern ..... 0001-002076
- Conrail (not shown) ..... 0001-002078
- Minimum Radius ..... 9¾"
- Kadee Conversion Kit ..... 0380-001049



## E851A Electric Passenger Locomotives

**READY TO RUN**

- E851A ELECTRIC LOCOMOTIVES
- Undecorated ..... 0001-002090
- Amtrak ..... 0001-002091
- Minimum Effective Radius ..... 9¾"
- Kadee Conversion Kit ..... 0380-001049



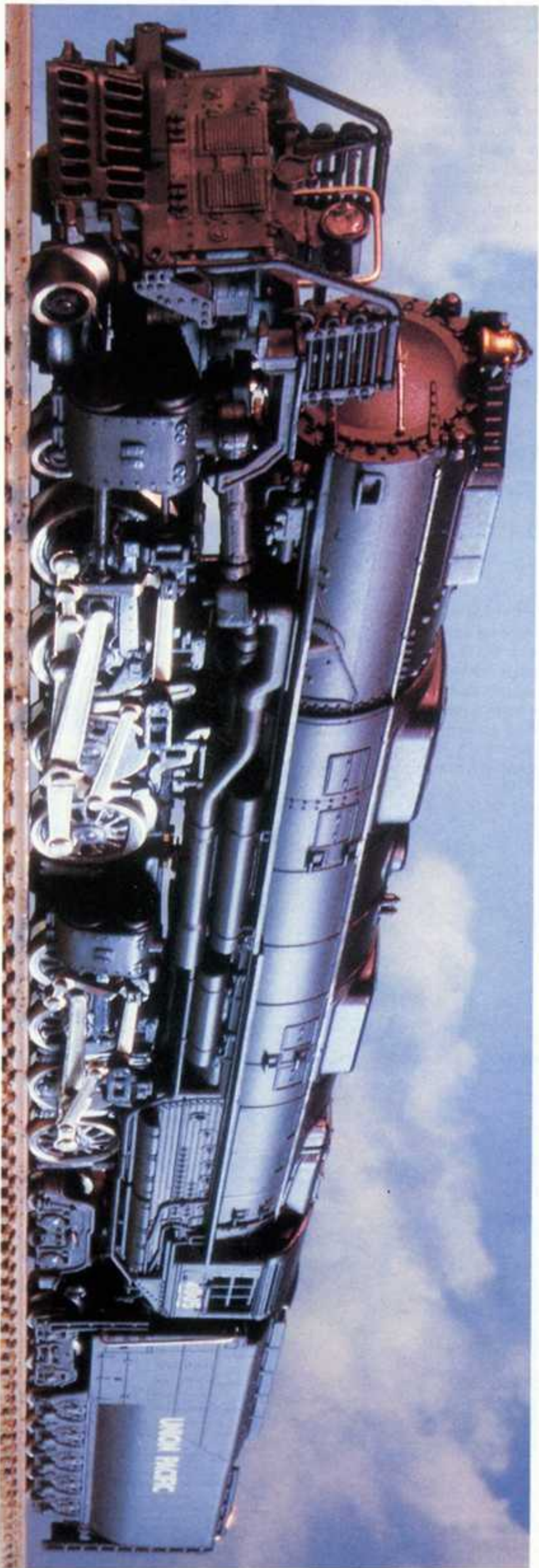
## EF-65 Electric Passenger Locomotives

**READY TO RUN**

- EF-65 ELECTRIC LOCOMOTIVES
- Undecorated ..... 0001-002070
- Amtrak ..... 0001-002077
- Minimum Effective Radius ..... 9¾"
- Kadee Conversion Kit ..... 0380-001049

**MINIMUM EFFICIENT RADIUS** This is an arbitrary dimension that we have established to aid both the beginner and the experienced modeler. Although many of the locomotive models shown in this catalog are capable of negotiating trackage curves of much tighter radii, we felt that for better operating reliability and for more prototypical visual excitement a curve of a slightly larger radius would be preferred. There are also exceptions wherein some locomotives with very short wheelbases may have difficulty getting across the long insulated frogs on some switches without stalling.



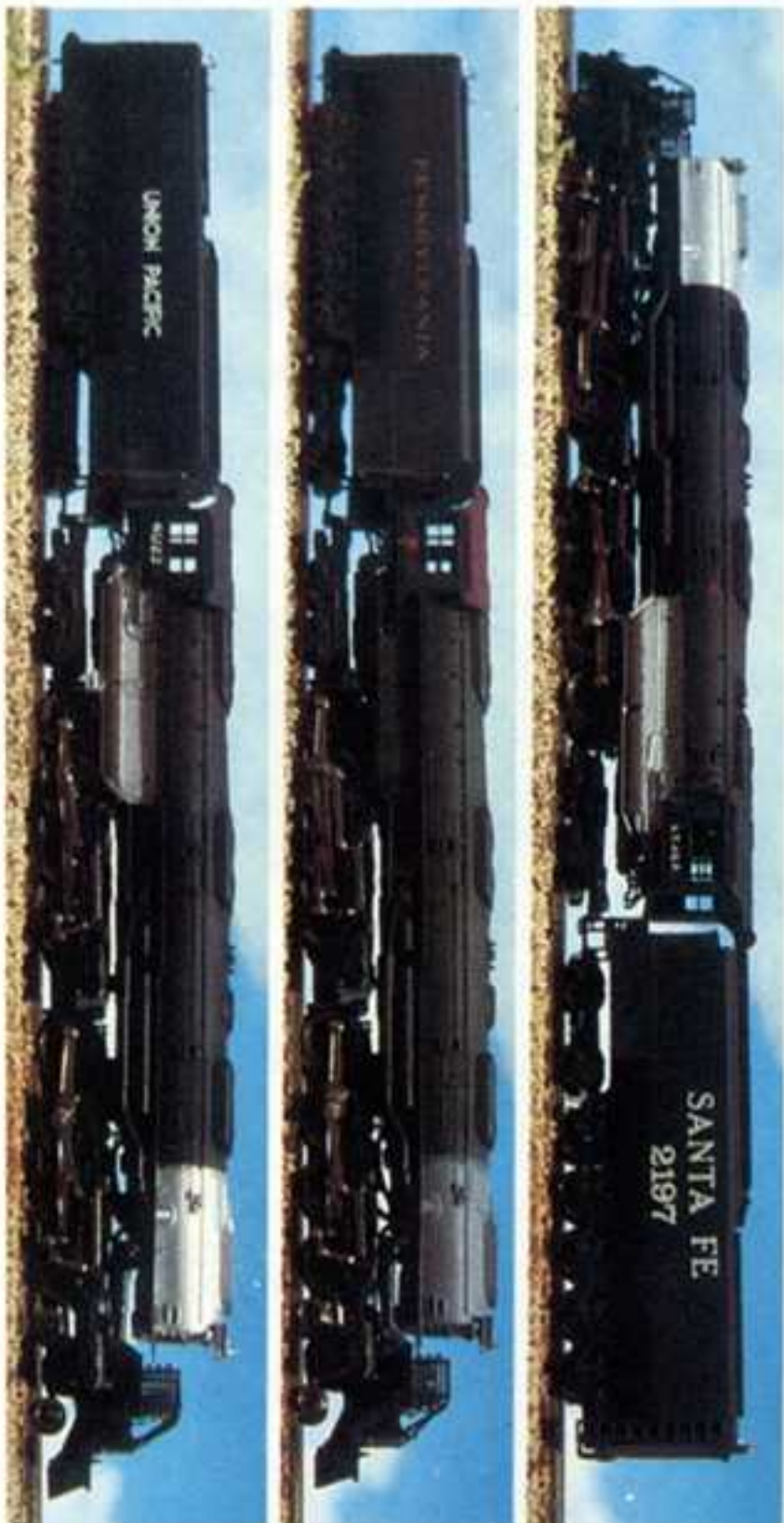


**Big Boy 4-8-8-4  
Articulated  
Heavy Freight  
Steam Locomotives  
READY TO RUN**

The Big Boy was THE articulated steam locomotive! A total of 25 of these giants was delivered to the Union Pacific Railroad between 1941 and 1945. Built by the American Locomotive Company (ALCO), these heavyweight freight haulers could reach a maximum speed of 80 miles per hour with a maximum tractive power output of more than 7000 horsepower at 30 miles per hour! The model is a faithful reproduction of the original and we have totally revised the motor and drive train mechanism during 1988 to be similar to that used in the "N" Challenger introduced in 1986 that proved so popular. This first shipment with the new mechanism are due late Fall 1988.



Operating valve gear, headlight and a complete cab interior round out the fantastic detailing. The model is a little over 10 inches long (25.6 cm) but the superb articulation system of the motor group allows the model to negotiate small radius curves. This big-gest and best locomotive from Con-Cor/Rivarossi comes in five different versions. We hope you enjoy them all.



■ BIG BOY 4-8-8-4 STEAM LOCOMOTIVES

- Undecorated (black) ..... 0001-003601
- A Union Pacific (standard version) ..... 0001-003602
- B Union Pacific (deluxe version - silver smokebox and firebox) ..... 0001-003605
- C Santa Fe (silver smokebox and firebox) ..... 0001-003603
- D Pennsylvania Railroad (Brunswick Green w/Tuscan cab roof, grey smokebox, gold lettering and red/gold herald) ..... 0001-003604
- Big Boy Tender (complete and assembled but undecorated) ..... 0001-003600

Minimum Effective Radius..... 11" or greater  
Kadee Conversion Kit (tender only) ... ? 0380-001049



# Articulated Mallet - Type Locomotive

## The 4-6-6-4 "Challenger"

READY TO RUN

The Challenger was first conceived by Otto Sabelmann of the Union Pacific and first built by ALCO for the Union Pacific in 1936. They were designed for the heavy freight service of Nebraska and Wyoming....and to fight their way up the famous "Sherman Hill" with heavy freight drags.

The first unit, the 3900 was delivered to the Union Pacific at Council Bluffs on August 25th 1936. They proved so successful that the Union Pacific immediately ordered additional locomotives of this wheel arrangement.

In the first year after the beginning of World War II, the Union Pacific Railroad made an application to the War Production Board for *more* Challenger type Locomotives to help reduce the bottleneck of freight traffic on its Wyoming Division and expedite the movement of war materials throughout its system.

The War Production Board approved what became the 3975 -3999 series, which were delivered to the U.P. in mid-1943. Although they had wanted more engines, the Board felt that the needs of other roads and the demands on ALCO would allow for only this production. They did, however, authorize the production of Six additional Challengers of this series for use by the Rio Grande, which was gearing up for transportation operations for the Pacific Theater of operations. The Rio Grande did not want this style of Locomotive, but accepted them, notifying the Board that once the war was over, they would return them to ALCO. After the War and a brief period of storage, the Board was able to sell these six locomotives and their spare parts to the Clinchfield, which numbered them 670 - 675.

A particular fault of the 3975 series was the bad smoke conditions in the cab, particularly at low speeds, *SMOKE DEFLECTORS* were applied later to some locomotives of this class.

Because of the high speed these Locomotives were able to sustain, the Union Pacific put several of them in service pulling it's crack passenger trains after the war. Painted in the Striking Two Tone Gray color-scheme (Nick-named Grayhound), they were the pride of the Union Pacific's passenger fleet until the diesels starting taking over.

Our model is a faithful reproduction of these famous Challengers as used on the Union Pacific, and copied by many other railroads after the war. Operating valve gear, headlight and a complete cab interior round out the fantastic detailing. The model is a little over 9" long, but the superb articulation system allows the model to negotiate small radius curves.

Minimum Effective Radius 11" or greater  
 Kadee Conversion Kit (tender only) ?#0380-001049

■4-6-6-4 CHALLENGER STEAM LOCOMOTIVE  
 Undecorated #0001-003700  
 Union Pacific (Black/Silver) #0001-003701  
 Union Pacific (Grayhound paint) #0001-003702

CHALLENGER with CONVENTIONAL TENDER  
 Undecorated #0001-003720  
 Delaware & Hudson #0001-003721  
 Santa Fe #0001-003722  
 Southern Pacific #0001-003723  
 Great Northern #0001-003724  
 Pennsylvania #0001-003725  
 Denver & Rio Grande #0001-003726  
 Baltimore & Ohio #0001-003727  
 Western Maryland #0001-003728

CHALLENGER with VANDERBILT (Oil) TENDER  
 Undecorated #0001-003740  
 Great Northern #0001-003741  
 Union Pacific #0001-003742  
 Norfolk & Western #0001-003743  
 Western Pacific #0001-003745  
 Southern Pacific #0001-003746



**Y6b Mallet 2-8-8-2  
Heavy Freight  
Steam Locomotives**

READY TO RUN

During World War I, the United States Railway Administration (USRA), drew up plans for a series of locomotives to be built for the American railroads by a "mass production" process to aid in the war effort. These types became commonly known as the USRA designs and all became very popular with the roads that used them. One of the many designs was for a compound Mallet steam engine with a 2-8-8-2 wheel arrangement. This superb reproduction belongs at the head of your heaviest freights!

■ Y6b MALLET 2-8-8-2 STEAM LOCOMOTIVES

Undecorated .....	0001-03201 A
Santa Fe .....	0001-03201 B
Pennsylvania Railroad .....	0001-03201 C
Norfolk & Western .....	0001-03201 D
Baltimore & Ohio .....	0001-03201 E
Union Pacific .....	0001-03201 F
Great Northern (Glacier Green) .....	0001-03201 G
Southern Pacific .....	0001-03201 H
Southern Railway (Crescent Green) ..	0001-03201 J
Denver & Rio Grande Western .....	0001-03201 K
New York Central .....	0001-03201 L
Pennsylvania R.R. (Bruns. Grn/gld) ..	0001-03201 M
Clinchfield .....	0001-03201 N
Minimum Effective Radius .....	11"
Kadee Conversion Kit .....	0380-001048



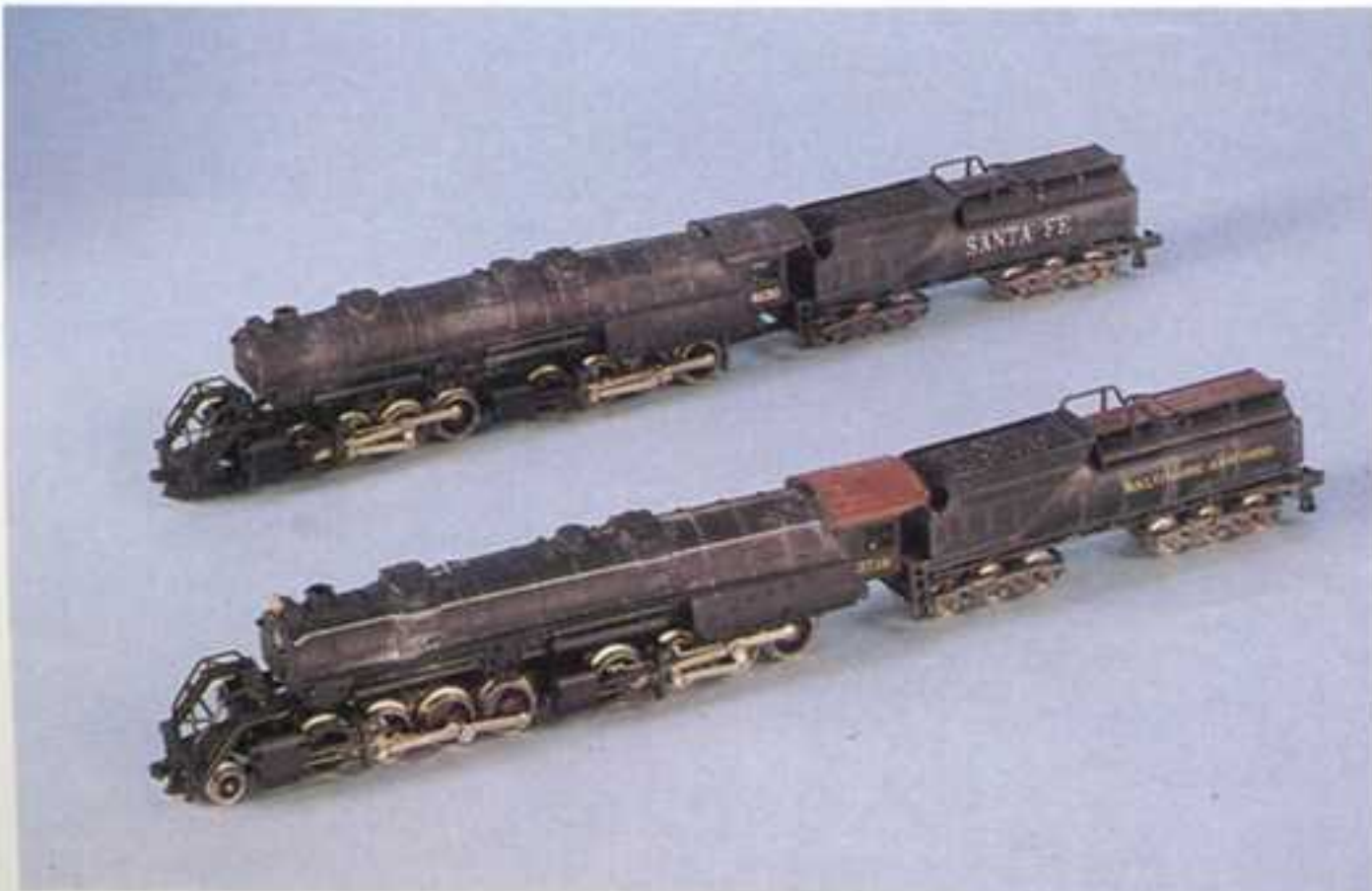
**EL-5 2-8-8-0  
Articulated Heavy Freight  
Steam Locomotives**

READY TO RUN

Another of the locomotives designed by the United States Railway Administration (USRA), the 2-8-8-0 articulated steam engine was built by the Baldwin Locomotive Works between 1919 and 1920. They were equipped with a Baker distribution system and a Vanderbilt type tender. Primarily used by the Baltimore & Ohio railroad, this locomotive was used to haul heavy freight on the uneven lines of the Cumberland and the severe gradients of Cranberry, Cheat River and Newburg.

■ EL-5 2-8-8-0 ARTICULATED STEAM LOCOMOTIVES

Undecorated .....	0001-003400
Baltimore & Ohio .....	0001-003401
Norfolk & Western .....	0001-003402
Great Northern (Glacier) .....	0001-003403
Santa Fe .....	0001-003404
Minimum Effective Radius .....	11"
Kadee Conversion Kit .....	0380-001048



## J3a Hudson Passenger Steam Locomotives

READY TO RUN

The 4-6-4 Hudson was one of the most famous of all the steam locomotives ever built. Owned by the New York Central System, this locomotive led all the famous passenger trains of its day.

Now it can lead your "N" passenger fleet across your own empire, because we've made this famous engine available in a wide variety of roadnames and colorful paint schemes of the era. This engine was completely re-tooled a number of years ago and it is now among the finest N scale steam locomotives available.



### ■ J3a HUDSON STEAM LOCOMOTIVE W/TENDER

- Undecorated (not shown - black) ..... 0001-003001
- Santa Fe ..... 0001-003002
- Great Northern (Glacier scheme) ..... 0001-003003
- Southern Pacific (Daylight colors) ..... 0001-003004
- Pennsylvania Railroad (black) ..... 0001-003005
- New York Central ..... 0001-003006
- Baltimore & Ohio (Royal Blue) ..... 0001-003007

- Union Pacific (black version) ..... 0001-003008
- Southern Railway (Crescent Green) ..... 0001-003009
- Milwaukee Road (Hiawatha org/gry) ..... 0001-003010
- Pennsylvania R.R. (Brunswick Grn) ..... 0001-003011
- Union Pacific (Greyhound Grays) ..... 0001-003012
- Burlington Route (C, B&Q) ..... 0001-003015
- Delaware & Hudson (blue) ..... 0001-003016

- Lackawanna (gray/maroon) ..... 0001-003017
- Chicago & North Western ..... 0001-003018
- Denver & Rio Grande Western ..... 0001-003019
- Clinchfield Railway ..... 0001-003020

Minimum Effective Radius ..... 11"



## Streamlined Hudsons

READY TO RUN

During the first years of the "streamlined" trains, the railroads invented the streamlined steam locomotive to lead the way. The New York Central was among the first to add a streamlined tender and shrouding to the superstructures of their famous J3a Hudsons. Many of these styled steamers were painted in brilliant colors to match the streamlined cars they pulled. We have faithfully reproduced these beautiful streamlined locomotives in N scale to help you recreate the thundering heydays of years gone by!

## Shrouded Hudson Passenger Steam Locomotives

READY TO RUN

- SHROUDED HUDSON STEAM LOCOS W/TENDERS
- Undecorated ..... 0001-003060
- New York Central (grays) ..... 0001-003051
- Santa Fe (Blue Goose) ..... 0001-003061
- Minimum Effective Radius ..... 11"
- Kadee Conversion Kit (tndr only) ..... 0380-001023/25



**Shovel-Nosed Hudson  
Passenger  
Steam Locomotives**

**READY TO RUN**

In the late 30's, when the adding of sheet metal to "streamline" steam locomotives became the popular thing to do, dozens of different shapes and designs were to be found. This particular design was quite typical of many railroads' solution to the craze. Using our reliable J3a 4-6-4 Hudson mechanism, we've recreated this piece of history for your crack passenger trains.

- **SHOVEL-NOSED HUDSON LOCOS W/TENDERS**
- Undecorated .....0001-003081
- Chicago, Burlington & Quincy -  
California Zephyr Scheme .....0001-003082
- New York Central (black).....0001-003083
- Minimum Effective Radius.....11"



**Bullet-Nosed Hudson  
Passenger  
Steam Locomotives**

**READY TO RUN**

- **BULLET-NOSED HUDSON LOCOS W/TENDERS**
- Undecorated .....0001-003050
- Pennsylvania R.R. (Brunswick Grn).....0001-003071
- Southern Pacific (Daylight) .....0001-003072
- Great Northern (Glacier colors) .....0001-003073
- Union Pacific (brn/ylw/red-'49er) .....0001-003074
- Southern Railway (Crescent Green) ....0001-003075
- Minimum Effective Radius.....11"



**0-8-0 Heavy  
Steam Switcher**

**READY TO RUN**

This is a model of one of the most powerful of the 0-8-0 Switch engines ever built. The Indiana Harbor Belt (which runs around metropolitan Chicago) had three engines built by ALCO in 1927, and we used their drawings in making this model. However this is typical of many heavy duty Switchers built around this time period.

The 1988 production run features an improved motor over previous production runs.

- **0-8-0 STEAM SWITCHERS WITH TENDERS**
- Indiana Harbor Belt .....0003-05551 B
- Santa Fe.....0003-05551 C
- Union Pacific .....0003-05551 D
- Pennsylvania Railroad .....0003-05551 E
- Great Northern .....0003-05551 F
- Southern Pacific .....0003-05551 G
- Undecorated (not shown) .....0003-05551 A
- Minimum Effective Radius .....9 3/4"



## The "USRA" Series of Standard Locomotives

During World War I, all the Railroads in the United States were "nationalized" under Federal Control in order to better co-ordinate the War effort. A new governmental agency was formed, named the United States Railway Administration, and was charged with running the far flung rail empire in the USA. The most immediate need was for more equipment, everything was needed urgently, more locomotives of various sizes, more freight cars, and passenger cars.

Out of this need came the standard "USRA" designs for various steam locomotives and rolling stock. Hundreds and hundreds of steam locomotives were built using these standard designs and literally thousands upon thousands of freight cars during the years 1918-1919.

Once in service the "USRA" designs proved very reliable and efficient, and in the decade following, many additional locomotives were built by various railroads using the "USRA" designs.



### 4-6-2 Heavy Pacific Passenger Steam Locomotives

READY TO RUN

■ 4-6-2 HEAVY PACIFIC STEAM LOCOMOTIVES	
Santa Fe.....	0003-05601 B
Southern Railway .....	0003-05601 C
Milwaukee Road .....	0003-05601 D
Baltimore & Ohio .....	0003-05601 E
Southern Pacific .....	0003-05601 F



Great Northern .....	0003-05601 G
Erie .....	0003-05601 H
Pennsylvania Railroad .....	0003-05601 J
Chicago & Alton .....	0003-05601 K
Undecorated (not shown) .....	0003-05601 A
Minimum Effective Radius.....	11"

### 4-6-2 Light Pacific Passenger Steam Locomotives

READY TO RUN

■ 4-6-2 LIGHT PACIFIC STEAM LOCOMOTIVES	
Santa Fe.....	0003-05501 A
Pennsylvania R.R. (Bruns. Green) .....	0003-05501 B
Baltimore & Ohio .....	0003-05501 C
Milwaukee Road .....	0003-05501 D
Great Northern (Glacier scheme) .....	0003-05501 E
Union Pacific .....	0003-05501 F
Southern Pacific .....	0003-05501 G
Pennsylvania R.R. (black) .....	0003-05501 J
NOT PICTURED	
Undecorated.....	0003-5501 UN
Minimum Effective Radius .....	9 3/4"





## 2-8-2 Heavy Mikado Freight Steam Locomotives

READY TO RUN

- 2-8-2 HEAVY MIKADOS W/VANDERBILT TENDERS
- Undecorated (not shown) .....0003-028201
- Great Northern .....0003-028202
- Southern Pacific .....0003-028203
- Union Pacific .....0003-028204
- Pennsylvania Railroad .....0003-028205
- Minimum Effective Radius.....11"



## 2-8-2 Light Mikado Freight Steam Locomotives

READY TO RUN

- 2-8-2 LIGHT MIKADO STEAM LOCOMOTIVES
- Great Northern .....0003-05521 B
- Union Pacific .....0003-05521 C
- Santa Fe .....0003-05521 D
- Southern Pacific .....0003-05521 E
- Pennsylvania Railroad .....0003-05521 F
- Undecorated (not shown) .....0003-05521 A
- Minimum Effective Radius.....11"
- Kadee Conversion Kit .....0380-001043
- Refer also to Kadee conversion page — see index

## 2-8-4 Berkshire Heavy Freight/Passenger Steam Locomotives

The Nickel Plate Berkshire is one of the most famous steam engines of the 40's and 50's. Created by the well-known Lima Locomotive Works in 1948 and 1949, eighty of these monsters were built for the Nickel Plate and Pere Marquette railroads to haul heavy freights throughout the Midwest. In later years they were also pressed into passenger service because of their ability to pull long trains at very high speeds.

- 2-8-4 BERKSHIRE STEAM LOCOMOTIVES
- Undecorated .....0003-03501 A
- Santa Fe .....0003-03501 B
- Nickel Plate Road .....0003-03501 C
- America's Railroads.....0003-03501 D
- Union Pacific .....0003-03501 E
- Pennsylvania Railroad .....0003-03501 F
- Great Northern (with goat) .....0003-03501 G

- Southern Pacific .....0003-03501 H
- Baltimore & Ohio .....0003-03501 I
- Clinchfield.....0003-03501 J
- Southern Railway, freight  
(this is a model of #2716).....0003-03501 K
- Minimum Effective Radius.....11"
- Kadee Conversion Kit .....0380-001046



# 4 - 8 - 4 " S - 2 NORTHERN " STEAM LOCOMOTIVE

The 4-8-4 wheel arrangement represents a most well-balanced, multi-purpose modern steam locomotive, equally at home heading long freight drags, fast express freight trains, and transcontinental passenger trains. Generally known as "Northerns" from the origin of this wheel type on the Northern Pacific Railway in 1927.

Baldwin Locomotive Works delivered 14 Northerns to the Great Northern Railway in 1930, and assigned road class "S-2". These engines proved to be superb performers and remained in service well into the late 1950's.

The Great Northern used them both in Passenger and Freight service on the high plains across the northern U.S. where an engine has to both pull a heavy train, and also "pick 'em up and lay 'em down" to make the tight schedule necessary to complete on transcontinental runs.

Our model is an accurate representation of this S-2 class, and we offer in both the freight version (Black and silver) along with the Passenger version (Green and silver).

This wheel arrangement proved so successful that many other roads built 4-8-4 Steam Loco's in the 1930-1940 era. Other railroads nick-named their 4-8-4's by different names such as "Niagaras", "Greenbrier", and some of these engines survive today pulling fantrips across the U.S.A.

**■4-8-4 NORTHERNS**

Undecorated.....	#0001-003800
Great Northern (Pass. Green/Silver)#0001-003801	
Great Northern (Freight Black/Silver)#0001-003802	
Santa Fe.....	#0001-003803
Pennsylvania.....	#0001-003804
Southern Pacific.....	#0001-003805
Union Pacific.....	#0001-003806
Baltimore & Ohio.....	#0001-003807



## 4 - 6 - 2 K4 Pacific Passenger Steam Locomotives

**READY TO RUN**

The Pennsylvania K4 has probably been talked about more than any other modern locomotive type. This may be partly because the K4 Pacifics ran through territory densely settled with railroad men and railroad enthusiasts, and thus was more familiar than other engines. But aside from this, the K4 was an excellent engine that put up good competition to more recent types until the passage of steam from the U.S. railway scene.

The last of the K4's were built in 1928, but saw service into the late 1950's because of their reliability. They were mostly used on crack passenger trains, and high speed express freight service.

Our model faithfully reproduces this famous engine, and will look great pulling a string of passenger "varnish" on your layout.

**■K4 PACIFIC STEAM LOCOS**

Undecorated.....	#0475-029700
Pennsylvania.....	#0475-029701
Santa Fe.....	#0475-029702
Union Pacific.....	#0475-029703
Southern Pacific.....	#0475-029704
Southern Railway.....	#0475-029705
Great Northern.....	#0475-029706



# Passenger Cars of the 1940's to 1970's Era

## 85' Smoothside Passenger Cars

READY TO RUN

The Con-Cor line of 85 foot smoothside passenger cars shown on these pages are faithful N scale reproductions of prototype cars built for and operated by the Great Northern Railroad in its Empire Builder operations. The Pullman car, for example, is modeled after the 10 sleeping cars received by the Great Northern in 1947 from the Pullman Company. Each contained 4 sections, 8 duplex roomettes and 4 double bedrooms. The diner was built for the 1951 Empire Builder and remained in that service until 1971. So that modelers all across the country could enjoy these superb models, we've painted and lettered them for 14 of the more popular railroads. They also come undecorated for those of you who like to "roll your own". These Great Northern Empire Builder-style cars are just the thing for those crack passenger trains on your pike. There's Con-Cor quality and craftsmanship throughout and they come fully assembled and ready to run on your layout. To select individual cars, see the grid at the bottom of the page.

To help the modeler select the consists for his or her model railroad's passenger service, we've assembled packs of 5 Con-Cor 85 foot smoothside passenger cars that reflect the practices of the many major railroads. Although these assortments are well short of the actual numbers of cars the prototype roads did use in a train, we have attempted to put together a representative sampling of basic body styles to allow the model railroader to maintain a prototypical appearance with the proper, although shorter, train styles.

### SETS OF 5 SMOOTHSIDE PASSENGER CARS

Undecorated .....	0001-004000
Pennsylvania Railroad .....	0001-004001
Great Northern (Empire Builder).....	0001-004003
Union Pacific.....	0001-004004
Southern Pacific (Daylight) .....	0001-004005
Santa Fe.....	0001-004006
Burlington Northern .....	0001-004007
Amtrak .....	0001-004008
Southern Railway .....	0001-004009
Rio Grande .....	0001-004011
Gulf, Mobile & Ohio .....	0001-004012
New York Central (20th Century) .....	0001-004013
Milwaukee Road .....	0001-004014
Chicago & North Western.....	0001-004015
Canadian National.....	0001-004016
Baltimore & Ohio (Fall 1988).....	0001-004017



### Body Styles Available



Coach Pullman Baggage-Mail



R. P. O. Observation Dome-Observation



Dome Diner

### Roadnames Available



A D E



H G F



J L N



P Q R



T UN S

ROADNAMES	Coach	Pullman	Baggage-Mail	Railway Post Office	Observation	Dome-Observation	Dome	Diner
Pennsylvania Railroad .....	0001-04001A	0001-04011A	0001-04021A	0001-04031A	0001-04041A	0001-04051A	0001-04061A	0001-04071A
Great Northern (Empire Builder) .....	0001-04001D	0001-04011D	0001-04021D	0001-04031D	0001-04041D	0001-04051D	0001-04061D	0001-04071D
Union Pacific .....	0001-04001E	0001-04011E	0001-04021E	0001-04031E	0001-04041E	0001-04051E	0001-04061E	0001-04071E
Southern Pacific (Daylight).....	0001-04001F	0001-04011F	0001-04021F	0001-04031F	0001-04041F	0001-04051F	0001-04061F	0001-04071F
Santa Fe .....	0001-04001G	0001-04011G	0001-04021G	0001-04031G	0001-04041G	0001-04051G	0001-04061G	0001-04071G
Burlington Northern.....	0001-04001H	0001-04011H	0001-04021H	0001-04031H	0001-04041H	0001-04051H	0001-04061H	0001-04071H
Amtrak .....	0001-04001J	0001-04011J	0001-04021J	0001-04031J	0001-04041J	0001-04051J	0001-04061J	0001-04071J
Southern Railway.....	0001-04001L	0001-04011L	0001-04021L	0001-04031L	0001-04041L	0001-04051L	0001-04061L	0001-04071L
Denver & Rio Grande Western.....	0001-04001N	0001-04011N	0001-04021N	0001-04031N	0001-04041N	0001-04051N	0001-04061N	0001-04071N
Gulf, Mobile & Ohio.....	0001-04001P	0001-04011P	0001-04021P	0001-04031P	0001-04041P	0001-04051P	0001-04061P	0001-04071P
New York Central .....	0001-04001Q	0001-04011Q	0001-04021Q	0001-04031Q	0001-04041Q	0001-04051Q	0001-04061Q	0001-04071Q
Milwaukee Road .....	0001-04001R	0001-04011R	0001-04021R	0001-04031R	0001-04041R	0001-04051R	0001-04061R	0001-04071R
Canadian National.....	0001-04001S	0001-04011S	0001-04021S	0001-04031S	0001-04041S	0001-04051S	0001-04061S	0001-04071S
Chicago & North Western .....	0001-04001T	0001-04011T	0001-04021T	0001-04031T	0001-04041T	0001-04051T	0001-04061T	0001-04071T
Baltimore & Ohio (not shown).....	0001-04001W	0001-04011W	0001-04021W	0001-04031W	0001-04041W	0001-04051W	0001-04061W	0001-04071W
Undecorated (not shown) .....	0001-4001UN	0001-4011UN	0001-4021UN	0001-4031UN	0001-4041UN	0001-4051UN	0001-4061UN	0001-4071UN



# 85' Full Baggage Car

(New For 1988)

## READY TO RUN

We love to get mail from our customers, and we got a lot of requests to make a Full Baggage Car to match the rest of our Smoothside Passenger Car series. So here it is!

We chose to model a Full Baggage Car originally used on the Great Northern Railway (series 273-276), but it is very typical of Full Baggage Cars used on most major railroads.

Baggage Cars not only carried the passenger's baggage, but also bulk mail, parcel post, express freight and perishable items such as fruit to rural communities along the railroad. Every passenger train would have at least one Baggage car, and often two or three.



### Smooth Side Full Baggage Car

Pennsylvania.....	0001-04081 A
Great Northern (Empire Builder) .....	0001-04081 D
Union Pacific .....	0001-04081 E
Southern Pacific (Daylight) .....	0001-04081 F
Santa Fe.....	0001-04081 G
Burlington Northern.....	0001-04081 H
Amtrak (phase II) .....	0001-04081 J
Southern Railway.....	0001-04081 L

Denver & Rio Grande Western .....	0001-04081 N
Gulf, Mobile & Ohio .....	0001-04081 P
New York Central .....	0001-04081 Q
Milwaukee Road .....	0001-04081 R
Canadian National.....	0001-04081 S
Chicago & Northwestern .....	0001-04081 T
Baltimore & Ohio .....	0001-04081 W
Undecorated.....	0001-4081 UN

# Special Passenger Sets

## READY TO RUN

As you can see from the previous page, our selection of "N" Passenger cars is quite extensive. We have already introduced you to our *Limited Run* edition sets on page 87, however some additional railway paint schemes are of Special interest, but fit neither into our normal line, nor qualify for the *Limited Run* category either.

The following 5 Car Special Sets are made to match some of our distinctive locomotives, are available only in the 5 car sets, but are not limited edition.

## Santa Fe "Blue Goose"

In 1937 the Santa Fe introduced a new set of Streamlined Equipment led by a Streamlined Hudson Steam Locomotive painted in a Two-Tone Blue paint scheme. This paint scheme was nick-named the "Blue Goose".

Our 5 car train closely resembles the original train, and you can use our matching Hudson to pull them.

### BLUE GOOSE EQUIPMENT (not shown)

Set of 5 Blue Goose cars. ....	0001-008605
Blue Goose 4-6-4 Hudson .....	0001-003061
Baggage Car for Blue Goose. ....	0001-04082B

## Union Pacific "49'er"

Competition was very keen during the late 1930's as all the railroads rushed their first Streamlined trains into service. About the time the Santa Fe was introducing its Blue Goose, the Union Pacific was taking delivery of its new "49'er" cars from Pullman Standard, painted in a striking chocolate brown and yellow paint scheme.

### UNION PACIFIC "49'er" EQUIPMENT (not shown)

Set of 5 49'er Cars.....	0001-008606
4-6-4 Hudson 49'er colors.....	0001-003074
Baggage Car in 49'er colors. ....	0001-04082C

## Union Pacific "Greyhound" Trains

The Union Pacific had a far flung empire, and each of its High Speed intercontinental trains had its own personality. About the same time as the "49'er" the Union Pacific also introduced its *Greyhound* paint scheme for its "Overland" passenger trains. Originally the Two tone gray *Greyhound* colors were used on the Heavyweight trains, but as soon as some of the new streamlined cars started to arrive, they were painted to match.

### Union Pacific "GREYHOUND" Trains (not shown)

Set of 5 Greyhound cars.. .....	0001-008607
4-6-4 Greyhound Hudson.. .....	0001-003012
4-6-6-4 Greyhound Challenger.....	0001-003702



## Norfolk & Western

The Norfolk & Western Railway still is very active in running Fan Trips in the Eastern USA. This special set matches the Bachmann model of the #611 Northern Steam Locomotive used to pull many of these Fan Trips. Also available is a Con-Cor SD 40-2 in matching colors used by the N&W to pull their *Director's Special*. We also offer a matching Baggage car as an optional item.

### NORFOLK & WESTERN TRAINS

Norfolk & Western 5 car set. ....	0001-008604
N & W SD 40-2 (Director's color) .....	0001-002616
Norfolk & Western 4-8-4 Northern.....	0160-065824
Baggage Car, N & W colors .....	0001-04082A



# AMTRAK 'VIEWLINER' CARS:

(New for 1989)

We have shown you on the earlier pages about the original 'Heritage' fleet of Amtrak, and the new 'Superliner' series built in the late 1970's. But then Amtrak faced a new challenge of building some new 'Low Level' equipment to replace the aging 'Heritage' fleet as used East of Chicago.

The problem for Amtrak was that by the mid-1980's no major builder of passenger equipment was left in the USA...so Amtrak had to setup their own design department and plan to build the cars themselves at their Beech Grove, Indiana shops.

What has emerged in late 1987 and early 1988 are the first in the series of 'ViewLiner' cars designed and built by Amtrak. At first there are two versions, a Sleeping Car, and a Diner...other versions are sure to follow eventually.

These cars are designed to be used on the low clearances of the Eastern USA ....but we are sure their brothers and sisters will eventually also show up in the Western USA.

Our models will closely follow the Amtrak drawings, be full scale 85'-4" long, and come Fully Assembled and Ready to Run.

■VIEWLINER CARS (Due late 1989)

Viewliner Sleeping Car, unlettered version	#0001-004660
Viewliner Sleeping Car, lettered Amtrak	#0001-004661
Viewliner, Dining Car, unlettered version	#0001-004670
Viewliner, Dining Car, lettered Amtrak	#0001-004671



# AMTRAK MAIL & EXPRESS CARS

READY TO RUN (New for 1989)

With the aging of the old 'Heritage' fleet, Amtrak was also short of Baggage/Express cars in the mid-1980's. Their solution was the design and building by Thrall Mfg company of a 61 foot long Boxcar type car, designed to run with the high-speed passenger equipment.

A total of 74 of these new cars were build, and we understand Amtrak is now having additional cars being built of an almost identical design. They can be found at the head-end of almost all Amtrak Trains today, and carry Mail, Express Packages, as well as passenger baggage.

All Amtrak trains on your Model Railroad should have at least one of these cars positioned between the locomotive and first passenger car.

■AMTRAK MAIL-EXPRESS CARS: (Ready mid 1989)

Mail Express car, unlettered	#0001-004680
Mail Express car, painted Amtrak	#0001-004681



# AMTRAK SUPERLINERS

READY TO RUN

Please see Page 45 for the History of the Amtrak Superliner Cars. The Con-Cor "N" models of these cars are an accurate reproduction of these cars and will dress up any model railroad passenger fleet.

(READY NOW)

■AMTRAK SUPERLINERS

BODY STYLE:	Phase II Lettering	Phase III Lettering
Coach Car	0001-004601	0001-004602
Dining Car	0001-004611	0001-004612
Coach-Baggage Car	0001-004621	0001-004622
Sleeping Car	0001-004631	0001-004632
Lounge-Cafe Car	0001-004641	0001-004642
5 Pak set of above cars	0001-004651	0001-004652

■UNLETTERED SUPERLINER CARS:

Ready for decals or modeling projects

Coach	0001-004600
Dining Car	0001-004610
Coach-Baggage Car	0001-004620
Sleeping Car	0001-004630
Lounge-Cafe Car	0001-004640
5 Pak Set of Above Undec. Cars	0001-004650



Bottom Three Cars (Lounge Cafe ; Sleeper, & Coach-Baggage) shown in Amtrak Phase III lettering. Top 2 Cars (Coach & Dining Car) shown in Amtrak Phase II lettering.



# Bi-Level Commuter Coaches

READY TO RUN

In the early 1950's, with the tremendous growth in population and the rush to suburbia, the railroads around several of the major urban centers in the United States began the search for effective, high-capacity passenger coaches to serve their commuter customers. Among these carriers were the Chicago and North Western, the Rock Island, the Milwaukee Road and the Burlington (C, B & Q) in the Chicago area and the Southern Pacific in San Francisco and Oakland.

For their needs, Pullman-Standard designed and built what were to become known as the "bi-levels". These coaches along with their specially designed "cab" units (which allow a train to reverse direction without any switching) were busily working the suburban runs of Chicago by 1954.

The models offered here by Con-Cor feature both the smoothside and corrugated-side styles, which are still seen around Chicago (although they are now run under auspices of the Regional Transportation Authority). We've painted and lettered our models to match the prototypes. You Chicago & North Western fans can really duplicate the past with a train of the coaches and one of our N scale C&NW E8 units shown on page 90. You can group some N scale suburbanites at your stations exactly one car apart along the platforms just like the real people.



## Corrugated Bi-Levels

- **CORRUGATED CAB UNIT**
- Undecorated .....0001-004430
- Milwaukee Road (silver w/red ltrng) ...0001-004431
- Southern Pacific (silver w/blk ltrng) ...0001-004432
- Rock Island (silver w/black lettering) ...0001-004433
- Chicago, Burlington & Quincy (silver w/black lettering) .....0001-004434
- Amtrak, Phase II .....0001-004435
  
- **CORRUGATED COACH**
- Undecorated .....0001-004420
- Milwaukee Road (silver w/red ltrng) ...0001-004421
- Southern Pacific (silver w/blk ltrng) ...0001-004422
- Rock Island (silver w/black lettering) ...0001-004423
- Chicago, Burlington & Quincy (silver w/black lettering) .....0001-004424
- Amtrak, Phase II .....0001-004425

## Smoothside Bi-Levels

- **SMOOTHSIDE CAB UNIT**
- Undecorated .....0001-004410
- Chicago & North Western (yellow & green) .....0001-004411
- Southern Pacific (gray) .....0001-004412
- RTA (Chicago's Regional Transportation Authority - gray with red and brown) .....0001-004413
- Rock Island (red and gray with yellow) ..0001-004414
- Amtrak, Phase II. ....0001-004415
  
- **SMOOTHSIDE COACH**
- Undecorated .....0001-004400
- Chicago & North Western (yellow and green) .....0001-004401
- Southern Pacific (gray) .....0001-004402
- RTA (Chicago's Regional Transportation Authority - gray with red and brown) ...0001-004403
- Rock Island (red and gray with yellow) ..0001-004404
- Amtrak, Phase II. ....0001-004405

# Additional Passenger Car Styles of the 1940 - 1970 era

READY TO RUN

The following Passenger Cars are typical of those built in the 1940's and 1950's and used up through the 1970's. Some of these cars were eventually bought by AMTRAK and used in their 'Heritage' fleet.

These cars are fully interchangeable with any of our other Passenger Cars found on page 108.

The following passenger cars will operate on trackage curves with radii as low as 9 3/4". However, for optimum performance and a more pleasing resemblance to the prototype, it is better to keep the minimum curvature radius to 11" or greater.

NOTE: These Rivarossi smoothside and corrugated side passenger cars are compatible matches with the passenger cars which were formerly sold by ATLAS.



- **CORRUGATED BAGGAGE/DORMITORY CARS**
- Santa Fe (silver) .....0003-05411 A
- Southern Pacific (Daylight colors) .....0003-05411 B
- Undecorated.....0003-5401 UN

- **CORRUGATED COACHES**
- Santa Fe (silver) .....0003-05401 A
- Southern Pacific (Daylight colors) .....0003-05401 B
- Undecorated.....0003-5411 UN

- **CORRUGATED OBSERVATION CARS**
- Santa Fe (silver) .....0003-05421 A
- Southern Pacific (Daylight colors) .....0003-05421 B
- Undecorated.....0003-5421 UN

- **SMOOTHSIDE BAGGAGE/R.P.O. CARS**
- Chicago & North Western (ylw/grn) ....0003-05311 A
- Union Pacific (ylw/gry/red).....0003-05311 B
- Pennsylvania R.R. (mrn/gld) .....0003-05311 C
- Great Northern (Empire Builder).....0003-05311 D
- Amtrak (Phase II).....0003-05311 E

- **SMOOTHSIDE PULLMAN ROOMETTE CARS**
- Chicago & North Western (ylw/grn) ....0003-05301 A
- Union Pacific (ylw/gry/red).....0003-05301 B
- Pennsylvania R.R. (mrn/gld) .....0003-05301 C
- Great Northern (Empire Builder).....0003-05301 D
- Amtrak (Phase II).....0003-05301 E

- **SMOOTHSIDE DOME CARS**
- Santa Fe (silver) .....0003-05431 A
- Chicago & North Western (ylw/grn) ....0003-05441 A
- Union Pacific (ylw/gry/red).....0003-05441 B
- Pennsylvania R.R. (mrn/gld) .....0003-05441 C

- **SMOOTHSIDE OBSERVATION CARS**
- Chicago & North Western (ylw/grn) ....0003-05321 A
- Union Pacific (ylw/gry/red).....0003-05321 B
- Pennsylvania R.R. (mrn/gld) .....0003-05321 C
- Great Northern (Empire Builder).....0003-05321 D
- Amtrak (Phase II).....0003-05321 E



# Passenger Cars of the 1920's to 1950's Era

## 82' Heavyweight Passenger Cars

### READY TO RUN

The 1920's were a tremendous growth period for the United States, and the railroads scrambled to add more and more passenger service to capture the profits from the ever-increasing numbers of travelers. These superbly detailed and painted models of the heavyweight passenger cars made in Italy by Rivarossi are perfect reproductions, capturing the flair and romance of the period of our nation's growth. They effectively reproduce the elegance of the era when, since roads were still poorly built and the aircraft was yet an unknown and unproven commodity, trains were the epitome of travel. At that time everyone traveled by train to every city, town and village. It would be at least another twenty years before the railroads would begin their decline, and be recorded in history and textbooks as the principle means of travel for so short a time.

Many of these cars lasted into the last days before Amtrak. However, even if you're modeling a more modern era, you can use them as private cars, or string a bevy of these beauties together behind your favorite steam locomotive to make up a "steam excursion" or a "fan trip"!

#### ■ UNDECORATED - PULLMAN GREEN

Pullman.....	0003-5201 UN
Combination.....	0003-5211 UN
Diner.....	0003-5221 UN
Observation.....	0003-5231 UN
Coach.....	0003-5241 UN
Baggage.....	0003-5251 UN

#### ■ SANTA FE - PULLMAN GREEN W/YELLOW

Pullman.....	0003-05201 A
Combination.....	0003-05211 A
Diner.....	0003-05221 A
Observation.....	0003-05231 A
Coach.....	0003-05241 A
Baggage.....	0003-05251 A

#### ■ PENNSYLVANIA RAILROAD - MAROON W/GOLD

Pullman.....	0003-05201 B
Combination.....	0003-05211 B
Diner.....	0003-05221 B
Observation.....	0003-05231 B
Coach.....	0003-05241 B
Baggage.....	0003-05251 B

#### ■ BALTIMORE & OHIO - ROYAL BLUE/LIGHT BLUE

Pullman.....	0003-05201 C
Combination.....	0003-05211 C
Diner.....	0003-05221 C
Observation.....	0003-05231 C
Coach.....	0003-05241 C
Baggage.....	0003-05251 C

#### ■ MILWAUKEE ROAD - HIAWATHA - ORNGE/BRWN

Pullman.....	0003-05201 D
Combination.....	0003-05211 D
Diner.....	0003-05221 D
Observation.....	0003-05231 D
Coach.....	0003-05241 D
Baggage.....	0003-05251 D

#### ■ GREAT NORTHERN - PULLMAN GRN W/YLW

Pullman.....	0003-05201 E
Combination.....	0003-05211 E
Diner.....	0003-05221 E
Observation.....	0003-05231 E
Coach.....	0003-05241 E
Baggage.....	0003-05251 E

#### ■ UNION PACIFIC - PULLMAN GREEN W/YELLOW

Pullman.....	0003-05201 F
Combination.....	0003-05211 F
Diner.....	0003-05221 F
Observation.....	0003-05231 F
Coach.....	0003-05241 F
Baggage.....	0003-05251 F



#### ■ SOUTHERN PACIFIC - PULLMAN GRN W/YLW

Pullman.....	0003-05201 G
Combination.....	0003-05211 G
Diner.....	0003-05221 G
Observation.....	0003-05231 G
Coach.....	0003-05241 G
Baggage.....	0003-05251 G

#### ■ SOUTHERN RAILWAY - DK GREEN/LT GREEN

Pullman.....	0003-05201 H
Combination.....	0003-05211 H
Diner.....	0003-05221 H
Observation.....	0003-05231 H
Coach.....	0003-05241 H
Baggage.....	0003-05251 H

#### ■ GULF, MOBILE & OHIO - MAROON/RED W/GOLD

Pullman.....	0003-05201 J
Combination.....	0003-05211 J
Diner.....	0003-05221 J
Observation.....	0003-05231 J
Coach.....	0003-05241 J
Baggage.....	0003-05251 J

#### ■ LIGHTING KITS FOR THESE CARS

Heavyweight Car Lighting Kit.....	0008-009820
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To help the modeler select the consists for his or her model railroad's passenger service, we've assembled packages of 6 Rivarossi Heavyweight Passenger Cars that reflect the practices of many major railroads. Although these assortments are well short of the actual numbers of cars the prototype roads did use in a train, we have attempted to put together a representative sampling of basic body styles to allow the model railroader to maintain a prototypical appearance with the proper, although shorter, train styles.

#### ■ SETS OF 6 HEAVYWEIGHT PASSENGER CARS

Undecorated (Pullman Green).....	0003-570000
Santa Fe.....	0003-570001
Pennsylvania Railroad.....	0003-570002
Baltimore & Ohio.....	0003-570003
Milwaukee Road.....	0003-570004
Great Northern.....	0003-570005
Union Pacific.....	0003-570006
Southern Pacific.....	0003-570007
Southern Railway.....	0003-570008
Gulf, Mobile & Ohio.....	0003-570009

## Special 6 Car Sets

Starting in the Summer of 1988, we are going to have a series of new roadnames in these cars, available only in 6 pak sets. While not *Limited Run* we will be only making a short production run of each 6 pak set. They will be re-run in the future as demand warrants, but we expect it will be at least a two year interval between re-runs.

#### ■ SPECIAL 6 CAR HEAVYWEIGHT SETS

Norfolk & Western (maroon) June '88.....	0003-570012
Union Pacific (Gray/yel) July '88.....	0003-570013
Chicago & NW (yel/green) Aug '88.....	0003-570014
Lackawanna (gray/maroon) Oct '88.....	0003-570015
Great Northern (or/green) Nov '88.....	0003-570016
Chesapeake & Ohio (blue/yel) Jan '89.....	0003-570017
Rio Grande (orange/silver) Mar '89.....	0003-570018
Sou. Pacific (Daylight) May '89.....	0003-570019

# Freight Cars of the 1940's to 1980's Era

## 40 Ft. Steel Box Cars

READY TO RUN

The first all-steel boxcars began to appear on the American railroads in the late 1930's. The 40 foot length steel boxcar was the standard workhorse until the late 1960's. Because hundreds of thousands of these cars were built, many still survive today. They were used by every railroad at one time or another. They are used to carry all kinds of commodities, and years ago they were even used time to time for grain loading during the harvest season.



■ 40' STEEL BOX CARS

- Santa Fe (1960) .....0001-01001 A
- Southern Pacific (tuscan) .....0001-01001 D
- Pennsylvania Railroad (tuscan) .....0001-01001 E
- Great Northern (blue) .....0001-01001 F
- Erie-Lackawanna .....0001-01001 R
- Arcade & Attica .....0001-01001 T



- Western Pacific (modern) .....0001-01001 W
- Conrail .....0001-01004 L
- Union Pacific .....0001-01004 Q
- Illinois Central Gulf .....0001-01004 R
- CSX .....0001-01004 S
- Chicago & North Western .....0001-01004 T



- Rio Grande .....0001-01004 U
- Chessie (blue) .....0001-01003 Y
- Norfolk Southern .....0001-01004 K

Not Shown-  
Undecorated (not shown) .....0001-1001 UN

- Santa Fe (merger scheme) .....0001-01004 M
- Southern Pacific (merger scheme) .....0001-01004 N
- Canadian Pacific .....0001-01004 P



## 40 Ft. Steel Refrigerator Cars

READY TO RUN

Commonly called "reefers", these cars hauled a wide variety of cargo that needed constant cooling. Meats, vegetables, fruits and other produce all found their way to market inside the railroad "reefer". These cars used blocks of ice loaded through hatches in their roofs for cooling. Hence, the train had to be stopped about every 200 miles to check and add fresh ice. Steel reefers first appeared in the late 1930's and were used up until the early 1960's when the railroads finally converted over to mechanically refrigerated reefers powered by diesel engines and the Ice Age was over.



■ 40' STEEL REFRIGERATOR CARS

- Railway Express .....0001-01051 C
- Pacific Fruit Express (1960's) .....0001-01051 D
- Cudahy Packing Co. ....0001-1051 R
- Mogen David Wines .....0001-01051 T
- Seven-Up .....0001-01051 U
- Santa Fe (Scout) .....0001-01052 A



- Santa Fe (SF Chief) .....0001-01052 B
- Santa Fe (Super Chief) .....0001-01052 C
- Santa Fe (Texas Chief) .....0001-01052 D
- Santa Fe (El Capitan) .....0001-01052 E
- Santa Fe (Grand Canyon) .....0001-01052 F
- Armour .....0001-01052 H

Not Shown-  
Undecorated (not shown) .....0001-1051 UN

- Conrail .....0001-01151 U
- Railgon .....0001-01151 W
- CSX .....0001-01151 X
- Santa Fe (merger scheme) .....0001-01151 Y
- Southern Pacific (merger scheme) .....0001-01151 Z
- Not Pictured:
- Norfolk Southern .....0001-01152 A
- Canadian National .....0001-01152 B

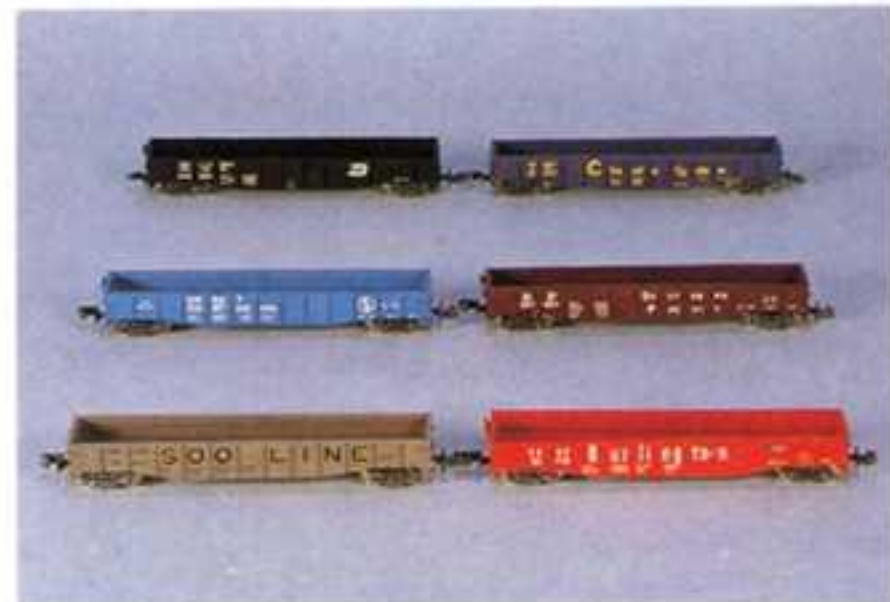
Not Shown-  
Undecorated .....0001-1151 UN  
New York Central (green/white) .....0001-01151 B

- LOADS FOR GONDOLAS
- Scrap Load 2 per package .....0214-009558
  - Junk Load 2 per package .....0214-009559
  - Ballast Load 2 per package .....0483-030502
  - Coal Load 2 per package .....0483-030506

## 50 Ft. Steel Gondolas

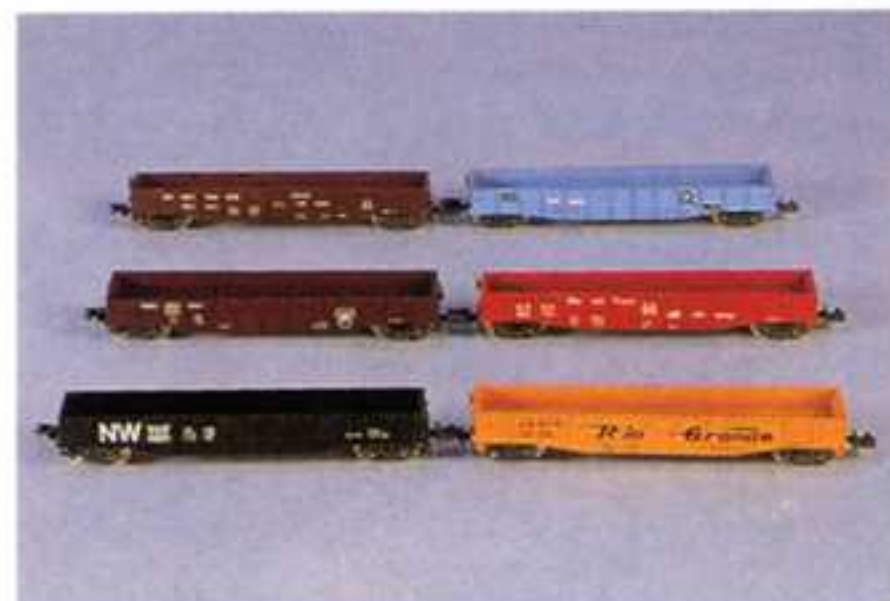
READY TO RUN

Gondolas are some of the more interesting cars to be found on a railroad, because the load in a gondola can be seen from the outside. A gondola differs from a hopper car in that it has no bottom doors for unloading and is more like a wheelbarrow in construction. Pipe and other construction materials are often found loaded into gondolas, and at the other end of its life span the gondola car is the most popular car for carrying scrap metal back to the steel mills for recycling. Gondolas are found everywhere on the railroad, so make sure that your model layout has enough of them.



■ 50' STEEL GONDOLAS

- Soo Line .....0001-01151 A
- Chicago, Burlington & Quincy .....0001-01151 C
- Great Northern .....0001-01151 D
- Southern Pacific .....0001-01151 E
- Burlington Northern .....0001-01151 G
- Chessie .....0001-01151 L



- Norfolk & Western .....0001-01151 M
- Rio Grande .....0001-01151 N
- Santa Fe .....0001-01151 P
- Pennsylvania Railroad .....0001-01151 Q
- Union Pacific .....0001-01151 R
- Rock Island .....0001-01151 T



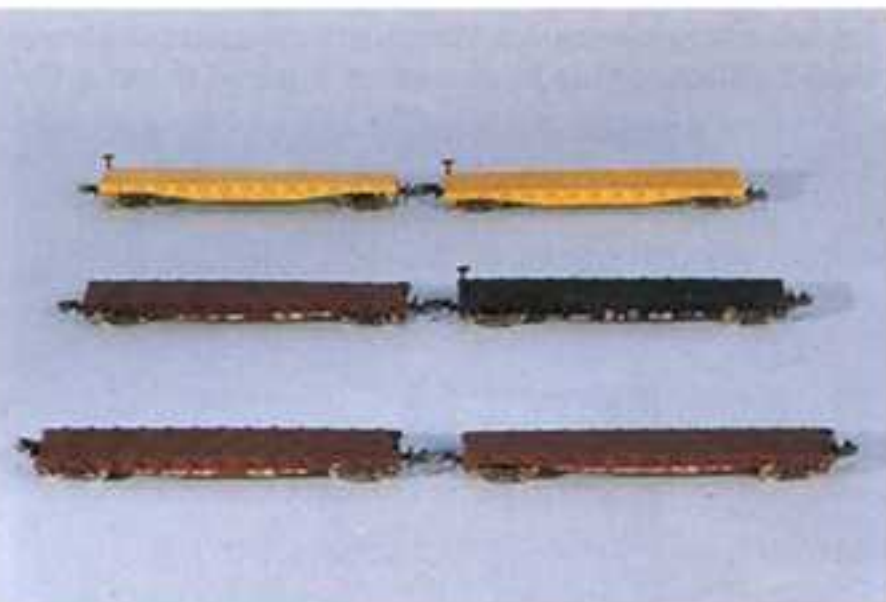


# Freight Cars of the 1940's to 1980's Era

## 50 Ft. Steel Flat Cars

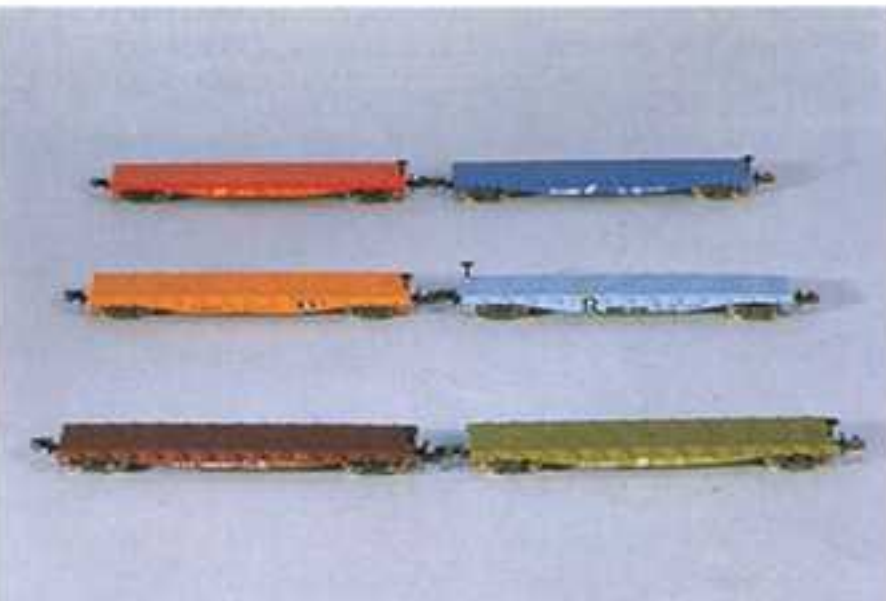
READY TO RUN

Flat Cars are another of the Fun cars on the railroad in that you can see what they are loaded with as they go by. Flatcars are used for lumber, machinery, heavy construction earth moving equipment, etc. Our model includes a set of stakes you can mount if you wish. Flat Cars are often seen running 'empty' on the railroad as well...so if you don't feel like adding a load, you don't have to.



### 50' STEEL FLAT CARS

Santa Fe.....	0001-01201 A
Pennsylvania Railroad .....	0001-01201 B
Southern Pacific .....	0001-01201 C
Baltimore & Ohio .....	0001-01201 D
U.S. Steel .....	0001-01201 E
Union Pacific .....	0001-01201 F



New York Central.....	0001-01201 G
Burlington Northern .....	0001-01201 H
Illinois Central .....	0001-01201 J
Rock (Island) .....	0001-01201 K
Conrail .....	0001-01201 L
Santa Fe (merger scheme).....	0001-01201 M



Southern Pacific (merger scheme) .....	0001-01201 N
CSX (formerly Chessie/Seaboard) .....	0001-01201 P

Not Shown-  
Undecorated (not shown).....0001-1201 UN

### FLAT CAR LOADS

Lumber Load 4/card.....	0214-009525
Wrapped Machinery Load 4/card .....	0214-009526

## 39 Ft. Bay Window Caboose

READY TO RUN

Up until the mid-1980's a typical Railroad Freight Train Crew consisted of 5 to 8 people. The engineer, fireman and head brakeman rode in the Locomotive. The Conductor (who is the BOSS of the train), rear brakeman and any other railroad personnel who might be riding the train, rode in the Caboose.

The Caboose included a stove for heating (more modern ones were also air-conditioned), desks for the Conductor to do his paperwork, a couple of bunks to relax in, tables and chairs. In the early years they signaled the Engineer with



### 39' BAY WINDOW CABOSES

Santa Fe.....	0001-01251 A
Southern Pacific .....	0001-01251 B
Great Northern .....	0001-01251 C
Pennsylvania Railroad .....	0001-01251 E
Burlington Northern .....	0001-01251 F
New York Central .....	0001-01251 G



Norfolk & Western.....	0001-01251 P
Delaware & Hudson .....	0001-01251 Q
Milwaukee Road .....	0001-01251 R
Cotton Belt .....	0001-01251 S
Rock (Island) .....	0001-01251 T
Conrail .....	0001-01251 U



Clinchfield .....	0001-01252 C
Soo Line.....	0001-01252 D
Gulf, Mobile & Ohio .....	0001-01252 E
Christmas Caboose .....	0001-01252 F
Canadian National .....	0001-01252 G
Rock Island.....	0001-01252 J
Not Shown- Undecorated (not shown).....	0001-1251 UN

Flags, but in more modern times the two-way radio was used.

One important function of the caboose used to be that the brakeman was in charge of watching the train out the side window to watch for "Hotboxes" which occurred when the grease in the axle bearings overheated and caught fire. This could cause a derailment of the train. With modern *Roller Bearing* trucks and heat sensors mounted alongside the tracks which could send a radio signal to a passing train if it detected a problem the main purpose of a Caboose was eliminated. Then the computer eliminated most of the paperwork that a Conductor used to have to do.

Finally during the early 1980's the Railroads reached agreements with the Unions to eliminate the Caboose on most trains and have the Conductor ride in the Locomotive.



Baltimore & Ohio.....	0001-01251 H
Southern Railway .....	0001-01251 J
Chesapeake & Ohio .....	0001-01251 K
Union Pacific.....	0001-01251 L
Chessie.....	0001-01251 M
Illinois Central .....	0001-01251 N



Chicago & North Western .....	0001-01251 V
Erie-Lackawanna.....	0001-01251 X
Western Pacific .....	0001-01251 Y
Western Maryland.....	0001-01251 Z
Chicago, Burlington & Quincy .....	0001-01252 A
Rio Grande .....	0001-01252 B



Southern Pacific (merger scheme) .....	0001-01252 K
Santa Fe (merger scheme).....	0001-01252 L
C.S.X. (old Chessie).....	0001-01252 M
Family Lines.....	0001-01252 N
Canadian Pacific .....	0001-01252 P
Norfolk Southern.....	0001-01252 Q
Louisville & Nashville .....	0001-01252 R
Amtrak.....	0001-01252 S

# Freight Cars of the 1940's to 1980's Era

## 50 Ft. Panel Door

READY TO RUN



**50' PANEL DOOR BOX CARS**

- Pennsylvania Railroad ..... 0001-01451 A
- Spruce Falls Power & Paper..... 0001-01451 B
- Union Pacific..... 0001-01451 C
- Chicago, Burlington & Quincy..... 0001-01451 D
- Soo Line..... 0001-01451 E
- R. Lavin Smelters ..... 0001-01452 A



- Railbox ..... 0001-01452 B
- Rock (Island) ..... 0001-01452 D
- Seaboard Coast Line ..... 0001-01452 F
- Cadiz Railroad..... 0001-01452 G
- McCloud River Railroad..... 0001-01452 H
- Minnesota, Dakota & Western ..... 0001-01452 K



- Providence & Worcester ..... 0001-01452 L
- Amway Distributors ..... 0001-01452 N
- Apalachicola Northern..... 0001-01452 P
- Toledo, Peoria & Western..... 0001-01452 R
- Green Mountain..... 0001-01452 S
- Marinette, Tomahawk & Western ..... 0001-01452 U



- Santa Fe (merger scheme)..... 0001-01453 C
- Southern Pacific (merger scheme) ..... 0001-01453 D
- Conrail ..... 0001-01453 E
- Maine Central ..... 0001-01452 W
- North Louisiana & Gulf..... 0001-01452 X
- Vermont Northern..... 0001-01452 Y
- Triangle Pacific ..... 0001-01452 Z
- Gulf, Mobile & Ohio ..... 0001-01453 A
- CSX (formerly Chessie/Seaboard) ..... 0001-01453 B

## 50 Ft. Double Door Auto Box Cars

READY TO RUN

Way back in the 1920's entire automobiles were actually shipped inside Box Cars to the various cities. In later years autos were shipped by truck. But the nick-name stuck to all Box Cars that had oversize wide doors. They are used for a variety of uses including Auto Parts, and allow a fork-lift truck to actually drive right into the Box Car to load and unload.



**50 Ft DOUBLE DOOR AUTO BOXCARS**

- Western Pacific..... 0001-01481 A
- Pennsylvania Railway. .... 0001-01481 B
- Santa Fe (Express Boxcar 1950's)..... 0001-01481 C
- Canadian National Ry. .... 0001-01481 D
- Detroit, Toledo & Irontown. .... 0001-01481 E
- Union Pacific. .... 0001-01481 F



- British Columbia Ry. .... 0001-01481 G
- Southern Ry. .... 0001-01481 H
- National De Mexico Boxcar. .... 0001-01481 J
- Alaska Railway. .... 0001-01481 K
- Denver & Rio Grande Ry. .... 0001-01481 L
- Louisville & Nashville 'Buy Bonds'..... 0001-01481 M
- Not Shown- Undecorated (not shown). .... 0001-1481 UN



- Santa Fe (merger scheme)..... 0001-01453 C
- Southern Pacific (merger scheme) ..... 0001-01453 D
- Conrail ..... 0001-01453 E

## 40 Ft. Three Bay Wood Hopper Cars

READY TO RUN

Coal is King in some parts of the U.S.A., and represents the biggest local industry in many areas of the country. Most people don't realize how much coal is still mined in the USA. Most Electric Power Plants use coal as fuel, and each plant used about a while 100 car train of coal each day. In addition we export a great deal of coal to other countries that don't have any natural coal deposits.

Our 3-Bay Hopper is an accurate model of typical cars built in the 1930 - 1970 era.

You should be aware that these hopper cars can carry a wide variety of loads other than Coal. Ballast for the railroad right of way, Sand and gravel for Redi-Mix plants, Iron Ore, etc.



**40 Ft Three Bay Steel Coal Hoppers**

- Chesapeake & Ohio..... 0001-01652 B
- Norfolk & Western..... 0001-01652 E
- Conrail..... 0001-01652 H
- Rock Island (1960-70's)..... 0001-01652 J
- Western Pacific (1970's)..... 0001-01652 K
- Western Maryland.. ..... 0001-01652 L



- Virginian.. ..... 0001-01652 M
- SCL/Family Lines.. ..... 0001-01652 N
- Peabody Coal Corp. .... 0001-01652 P
- Clinchfield Ry..... 0001-01652 Q
- Denver & Rio Grande. .... 0001-01652 R
- Canadian National Ry. .... 0001-01652 S

- Not Shown- Undecorated (not shown) ..... 0001-1451 UN
- Sabine River (not shown)..... 0001-01452 Q



# Freight Cars of the 1940's to 1980's Era

## 40 Ft Steel Hoppers, Cont.



- Union Pacific..... 0001-01652T
- Norfolk/Southern (1980's)..... 0001-01652U
- Southern Ry..... 0001-01652V
- Chessie System..... 0001-01652X
- Santa Fe (1970-1980's)..... 0001-01652Y
- Baltimore & Ohio..... 0001-01652Z



- Illinois Central Gulf..... 0001-01653A
- Great Northern (1960-1970's)..... 0001-01653B
- C S X (old Chessie-1980's)..... 0001-01653C
- Santa Fe (1980's merger)..... 0001-01653D
- Southern Pacific (1980's merger)..... 0001-01653E

### LOADS FOR 3-BAY STEEL HOPPER CARS

- Coal Load 2 per package..... 0214-009562
- Ballast Load 2 per package..... 0214-009563
- Coal Load 2 per package..... 0483-030505
- Ballast Load 2 per package..... 0483-030501

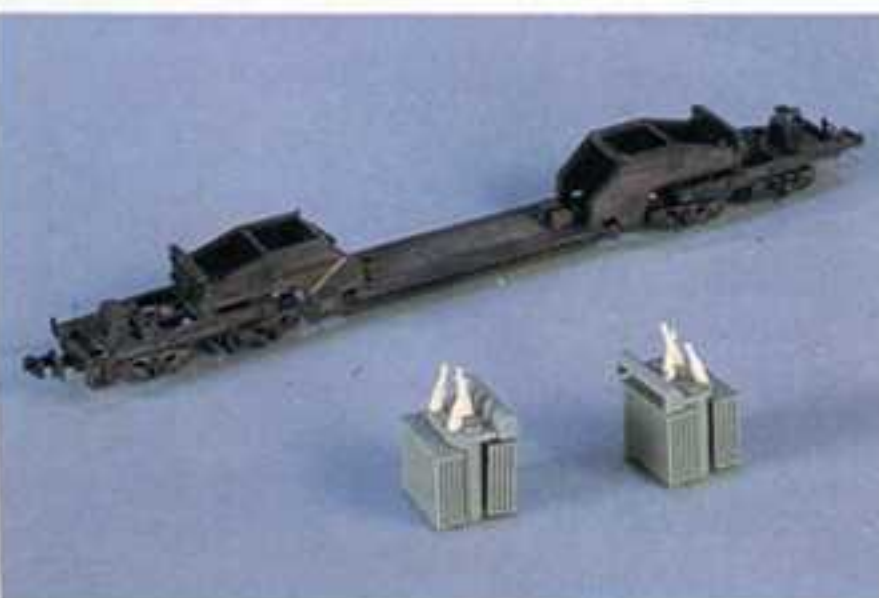
### Not Shown:

- Undecorated, painted black..... 0001-1651UB
- Undecorated, painted tuscan red..... 0001-1651UR

## 83' Depressed Center Flat Car with Transformers

READY TO RUN

Depressed Center Flat Cars are used to carry very heavy oversize loads such as Electric Transformers, Army Tanks, and similar items.



- Undecorated (black)..... 0001-001720

## 50 Ft. Ribbed Side Modern Box Cars

READY TO RUN



### 50' RIBBED SIDE BOX CARS

- Santa Fe..... 0001-01471 A
- Atlantic Coast Line..... 0001-01471 B
- Union Pacific..... 0001-01471 C
- Chicago, Burlington & Quincy..... 0001-01471 D
- Baltimore & Ohio..... 0001-01471 E
- Abbott Laboratories..... 0001-01471 F



- Dresser Magcobar..... 0001-01471 G
- Johnson Wax..... 0001-01471 H
- Missouri Pacific..... 0001-01471 J
- A-1 Steak Sauce..... 0001-01471 K
- Borg Warner Corp..... 0001-01471 M
- Burlington Northern..... 0001-01471 N



- Conrail..... 0001-01471 P
- Chicago & Northwestern..... 0001-01471 Q
- NOT PICTURED
- Undecorated..... 0001-1471 UN

## 47 Ft. Chemical/Oil Tank Cars

Tank Cars are a common sight on the Railroads and are used to carry a wide variety of liquids, as well as some 'dry' powers that can be pumped into and out of the Tank Car using high pressure hoses and vacuums.



### 47' TANK CARS

- Cities Service..... 0001-01601 A
- Mobilgas..... 0001-01601 B
- Baby Ruth..... 0001-01601 C
- Amoco Chemicals..... 0001-01601 D
- Shell Oil..... 0001-01601 E
- Dow Chemicals..... 0001-01601 F



- Tank Train..... 0001-01601 G
- Pennsylvania Railroad..... 0001-01601 H
- Sclair Plastics..... 0001-01601 J
- Santa Fe..... 0001-01601 K
- Central Soya..... 0001-01601 L
- Southern Railway..... 0001-01601 M
- British Columbia Railway..... 0001-01601 N
- NOT PICTURED
- Burlington Northern, Loco Fuel .... 0001-01601 P
- Southern Pacific, Loco Fuel Tanker..... 0001-01601 Q
- Undecorated..... 0001-1601 UN

## 45' "Pregnant Whale" Tank Cars

READY TO RUN

### 45' "PREGNANT WHALE" TANK CARS

- Pennsylvania Railroad..... 0001-001801
- GATX Cargill Corn Syrup..... 0001-001802
- UTLX Funnel Flow..... 0001-001803
- TDLX General Aniline Film (GAF)..... 0001-001804
- PGC Beefmaster Liquid Feed..... 0001-001805
- Conrail..... 0001-001806

### NOT PICTURED

- Undecorated..... 0001-001800



# Freight Cars of the 1920's to 1950's Era

Freight Cars built in the 1920's - 1930's tended to be 1/2 wood and 1/2 metal construction...sometimes called *composite* cars. By the start of WW II the government required all new cars built be of all steel design. However many of the *composite* cars could be found in service well into the 1950's and even after that on branchline and maintenance of way trains.

## 40 Ft. Wood Box Cars READY TO RUN



- 40' WOOD BOX CARS
- Santa Fe (1920's) ..... 0001-01021A
- Great Northern (1920's)..... 0001-01021B
- Pennsylvania Railroad (1920's)..... 0001-01021C
- Union Pacific (1920's) ..... 0001-01021D
- Chicago & North Western (1920's) ..... 0001-01021E
- New York Central (Big 4) ..... 0001-01021F
- Undecorated (not shown) ..... 0001-1021UN

## 40 Ft. Steel Stock Cars

Cattle Cars were used to carry not only Cattle, but also sheep, and hogs to market. The Chicago and Omaha Stockyards were so famous that even songs were written about them. By the 1960's trucks took over most of this traffic, and the packing plants were built closer to the Ranches to keep freight costs down...so slowly Cattle Cars disappeared from the American Railroads...but you should have at least one or two sitting on little used side tracks just for a conversation piece. Sorry, we do not include the smell.



- 40' STEEL STOCK CARS
- Santa Fe ..... 0001-01101A
- Union Pacific..... 0001-01101B
- Pennsylvania Railroad ..... 0001-01101C
- Baltimore & Ohio..... 0001-01101D
- Penn Central ..... 0001-01101E
- Swift & Company..... 0001-01101F



- Burlington Northern ..... 0001-01101G
- New York Central ..... 0001-01101H
- Southern Pacific ..... 0001-01101J
- Great Northern..... 0001-01101K
- Undecorated (not shown)..... 0001-1101UN

## 40 Ft. Outside Braced Wood Box Cars READY TO RUN



- 40' OUTSIDE BRACED WOOD BOX CARS
- Union Pacific..... 0001-01301A
- Pennsylvania Railroad ..... 0001-01301B
- Chicago & Illinois Midland..... 0001-01301C
- Milwaukee Road ..... 0001-01301D
- Santa Fe ..... 0001-01301E
- Baltimore & Ohio..... 0001-01301F
- Great Northern..... 0001-01301G
- Undecorated (not shown)..... 0001-1301UN

## 50 Ft. Outside Braced 1 1/2 Door Wood Box Cars



- 50' OUTSIDE BRACED 1 1/2 DOOR WOOD BOX CARS
- Chicago, Burlington & Quincy..... 0001-01321A
- Santa Fe ..... 0001-01321B
- Great Northern..... 0001-01321C
- Union Pacific..... 0001-01321D
- Pennsylvania Railroad ..... 0001-01321E
- Southern Pacific..... 0001-01321F
- Undecorated (not shown)..... 0001-1321UN

## 40 Ft. Wood Refrigerator Cars READY TO RUN



- 40' WOOD REFRIGERATOR CARS
- Krey's Meats ..... 0001-01351A
- Schlusser Bros. Dairy Products..... 0001-01351B
- Prima Beer ..... 0001-01351Q
- Schlitz Beer..... 0001-01351R
- Dad's Root Beer ..... 0001-01351S
- Century Beer..... 0001-01351T
- Undecorated (not shown)..... 0001-1351UN



- Pacific Fruit Express..... 0001-01351W
- Santa Fe (El Capitan) ..... 0001-01352A
- Old Dutch Cleanser ..... 0001-01352J
- Berkshire Hams..... 0001-01352K
- Old Heidelberg Beer..... 0001-01352L
- Old Style Beer..... 0001-01352M
- Pepsi Cola ..... 0001-01352S



## 40 Ft. Three-Bay Wood Hopper Cars

- 40 Ft Three Bay Wood (1920's) Hoppers
- Erie Railway..... 0001-01661A
- Pennsylvania..... 0001-01661D
- Union Pacific..... 0001-01661G
- Norfolk & Western..... 0001-01661H
- Chicago & Northwestern..... 0001-01661J
- Baltimore & Ohio..... 0001-01661L

- LOADS FOR 3-BAY WOOD HOPPER CARS
- Coal Load 2 per package ..... 0214-009560
- Ballast Load 2 per package..... 0214-009561
- Coal Load 2 per package ..... 0483-030505
- Ballast Load 2 per package..... 0483-030501

- Not shown
- Undecorated..... 0001-1661UN



# Freight Cars of the 1980's

## 42' 2-Bay Covered Hopper Cars

READY TO RUN

Covered Hopper Cars are a relatively new style freight car, first appearing in any numbers in the 1950's. At first they were used to carry bulk commodities such as Cement, and sugar. Eventually Covered Hoppers became one of the mainstays of the Railroad fleet. Today they are the main carrier of grains from the farm belt to the food plants, carry raw plastic granules, and all kinds of similar powder or pellet material.

At least 20% of your modern freight trains should be covered hoppers.



■ 42' 2-BAY COVERED HOPPER CARS

Santa Fe .....	0001-01701
Government of Canada .....	0001-01702
Burlington Northern .....	0001-01703
Golden Loaf .....	0001-01704
Conrail .....	0001-01705
International Milling .....	0001-01706
NOT PICTURED	
Undecorated .....	0001-01700

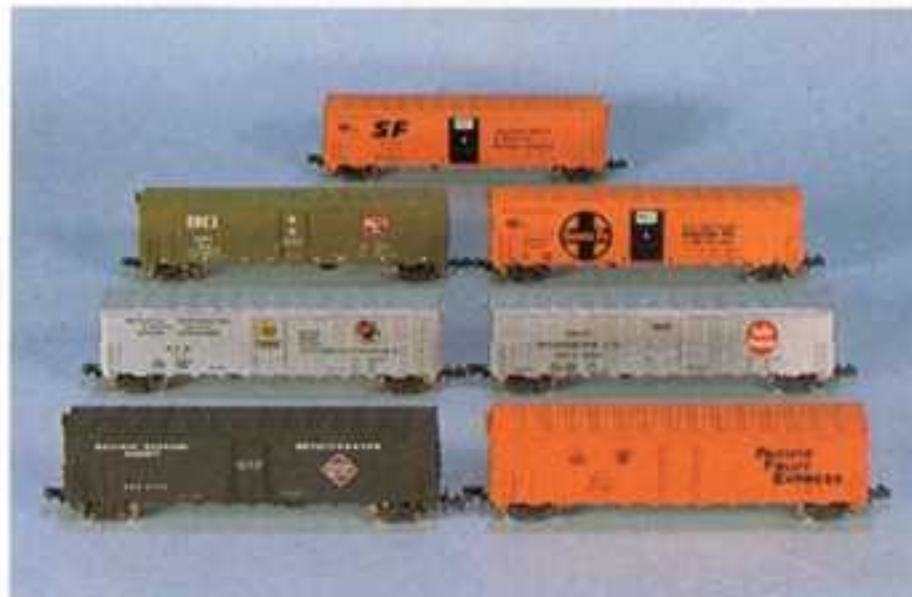
### NOTE:

In the good old days, the brakeman actually had to climb on top of the freight cars and 'walk the train' to inspect for signs of trouble. In addition the old style emergency hand brakes had to actually be set by hand by the brakeman standing on top of the car. Hence the need for the *Roofwalks* on the top of freight cars.

As freight cars got larger, and technology improved, the government finally changed the regulations in the 1970's no longer requiring Roof Walks to be added to newly build freight cars. The following two cars are models of the newer built cars without Roof Walks.

## 50 Ft. Modern Steel Refrigerator Cars

READY TO RUN



■ 50 Ft. Modern Steel Refrigerator Cars

Railway Express Agency .....	0001-01671A
Pacific Fruit Express .....	0001-01671C
Northern Pacific .....	0001-01671D
Swift Packing Co. ....	0001-01671F
Burlington Refrigerator Line .....	0001-01671K
Santa Fe (1970's) .....	0001-01671R
Santa Fe (1980's merger scheme) .....	0001-01671S
Undecorated (not shown) .....	0001-1671UN

## 50 Ft. Modern Steel Grain Box Cars

READY TO RUN

While Covered Hoppers are the most efficient way to transport Grain from the great plains to the cities, during record breaking harvest seasons the railroads just don't have enough cars available. This has been a problem for many years, and so the railroads have designed certain types of Boxcars so that they can be pressed into service during Harvest Season to also haul bulk grain. These cars has flush 'Plug Doors' with smaller grain door high up in the side of the car for loading grain.



■ 50 Ft. Modern Steel Grain Boxcars

Santa Fe (1970's) .....	0001-01681B
Union Pacific .....	0001-01681L
Burlington Northern .....	0001-01681M
Cotton Belt .....	0001-01681N
Milwaukee Road .....	0001-01681P
Conrail .....	0001-01681G



Santa Fe (1980's merger scheme) ...	0001-01681R
Chessie System .....	0001-01681S
Gilford .....	0001-01681T
Undecorated (not shown) .....	0001-1681UN

# New N Freight Cars for 1988/ 89

The following *TWO* NEW 'N' Scale freight car body styles will be introduced in late 1988/ early 1989. They will be introduced in *3-Paks* which will contain 3 complete cars, all painted and lettered for the same Railroad, but with slightly different paint schemes and car numbers.

If you stand by the railroad tracks and watch a train go by you will be surprised by the variety of lettering and even color of paint used by the same railroad. Paint color can vary batch to batch, and quickly changes color once exposed to the weather. Thus you may see 4-5 cars all painted 'Burlington Northern Green' in a row...but all different shades of Green.

This variety is what adds some of the fun to Model Railroading.

## 50 Ft Modern Hi-Cube Auto Parts Box Car

READY TO RUN (Fall 1988)

■ 3-PAK of MODERN AUTO PARTS BOX CAR

Southern Pacific .....	0001-008805
Santa Fe .....	0001-008806
Union Pacific .....	0001-008807
Bangor & Aroostook .....	0001-008808
Southern Railway .....	0001-008809
Rail-Box .....	0001-008810
Undecorated .....	0001-008811



## 45 Ft Ribbed Coal Hopper Car

READY TO RUN (Winter 1988/89)

■ 3-PAK of 45 Ft. RIBBED COAL HOPPER

Conrail .....	0001-008825
Norfolk & Western .....	0001-008826
Santa Fe .....	0001-008827
Burlington Northern .....	0001-008828
Union Pacific .....	0001-008829
Denver & Rio Grande .....	0001-008830
Undecorated .....	0001-008831



**Four more New 'N' Freight Cars**  
(Due Fall 1988)

**Freight Cars of the 1980's**

**READY TO RUN**

The following four new N freight cars will be introduced during the Fall of 1988. These are all models of modern freight cars of the 1980's.

**52 Ft. PS-2 Covered Hopper Car**

<b>■52 Ft. PS-2 COVERED HOPPER CAR</b>	
Undecorated.....	0001-001730
Santa Fe.....	0001-001731
Norfolk & Western.....	0001-001732
Conrail.....	0001-001733
Soo Line.....	0001-001734
Cargill Grain Corp.....	0001-001735
Dupont Corp.....	0001-001736

**50 Ft. Covered Gondola Car**

Some materials normally suited to be shipped in a Gondola style car still need protection from the weather. So the railroads invented a removeable cover for Gondola cars to protect the load during transit. A Crane removes the cover, and then the contents at its destination.

<b>■50 Ft. Covered Gondola</b>	
Undecorated.....	0001-001830
C.S.X. (old Chessie).....	0001-001831
Santa Fe.....	0001-001832
Burlington Northern.....	0001-001833
Southern Pacific.....	0001-001834
Southern Railway.....	0001-001835
Conrail.....	0001-001836

**40 Ft. PS-2 Covered Hopper Car**

<b>■40 Ft. PS-2 COVERED HOPPER CAR</b>	
Undecorated.....	0001-001760
Santa Fe.....	0001-001761
Chicago & Northwestern.....	0001-001762
Chessie System.....	0001-001763
Burlington Northern.....	0001-001764
Pillsbury.....	0001-001765
FMC Chemicals.....	0001-001766

**50 Ft. Ribbed Mechanical Refrigerator Car**

<b>■50 Ft. Ribbed Mechanical Reefer</b>	
Undecorated.....	0001-001860
Burlington Northern.....	0001-001861
Conrail.....	0001-001862
Southern Pacific.....	0001-001863
Fruit Growers Express.....	0001-001864
Tropicanna Orange Juice.....	0001-001865
Santa Fe.....	0001-001866

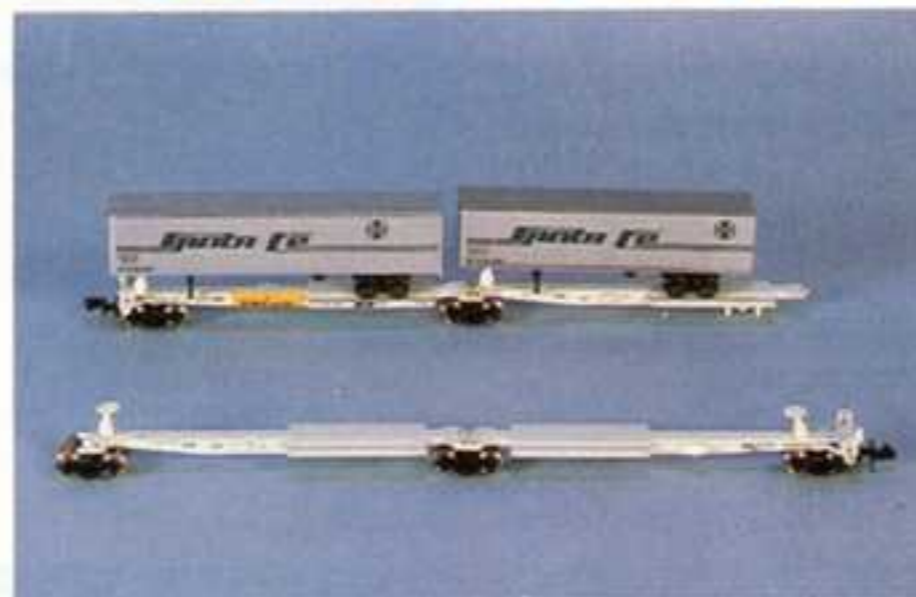


**INTERMODAL PIGGYBACK CARS**

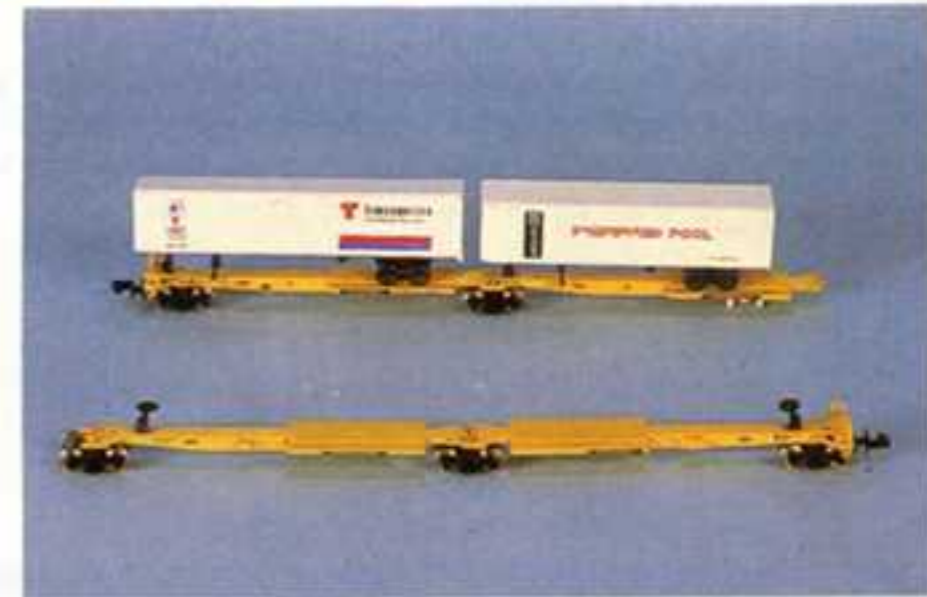
**FUEL FOILER PIGGYBACK FLAT CARS**  
READY TO RUN

Please see Page 52 for History of the Fuel Foiler Cars. Our 'N' models come in a four-car set, complete with Highway Trailers.

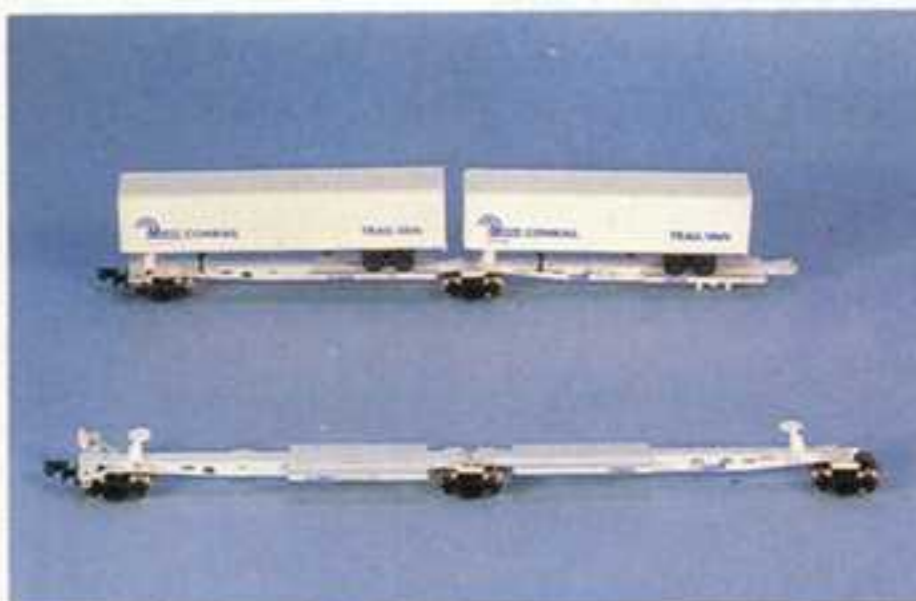
<b>■N FUEL FOILER PIGGYBACK CARS</b>	
Undecorated.....	0001-001900
Santa Fe.....	0001-001901
Trailer Train.....	0001-001902
Conrail.....	0001-001903
Burlington Northern.....	0001-001904
Southern Pacific.....	0001-001905



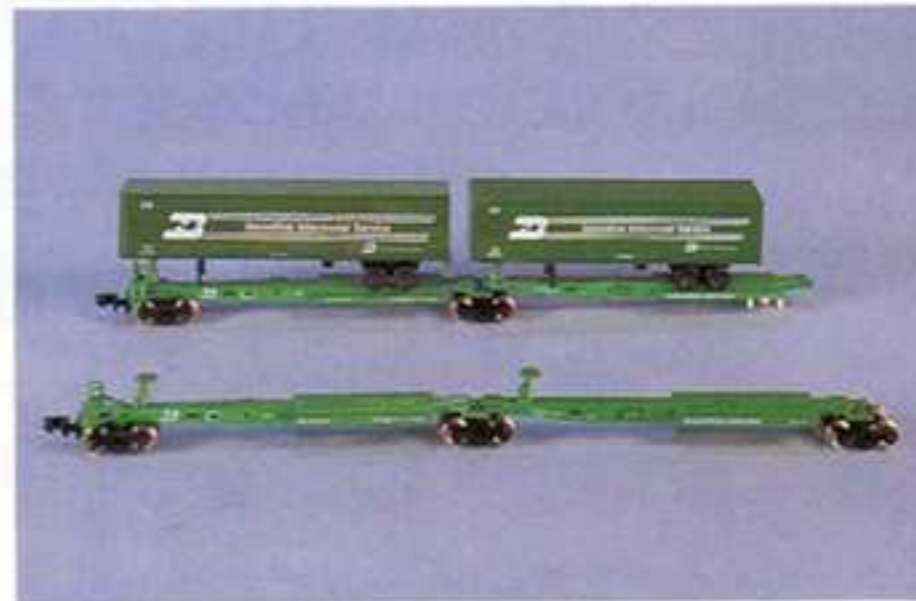
Santa Fe



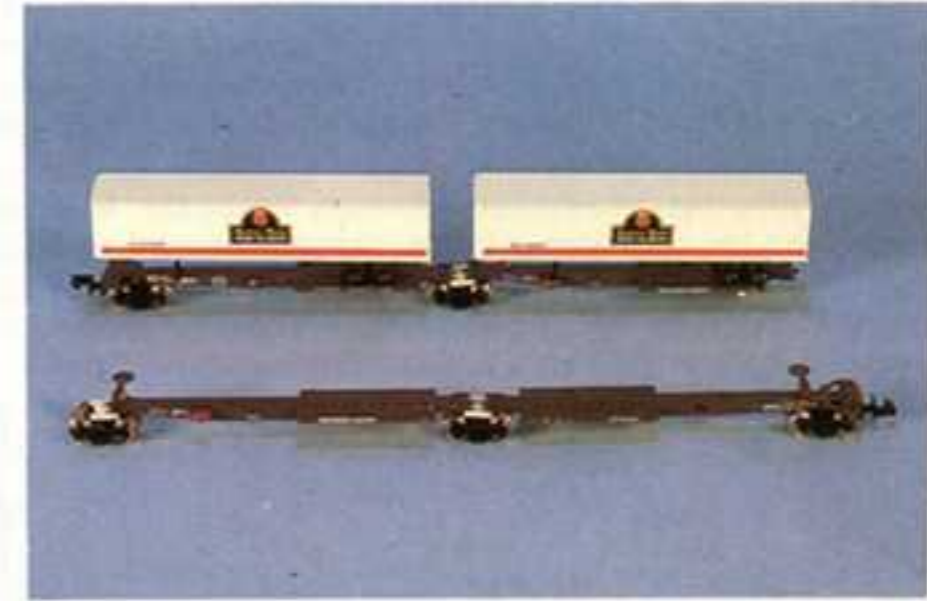
Trailer Train



Conrail



Burlington Northern



Southern Pacific

See Piggyback Trucks/Containers in Route 66 section on pages 85/86.



**N**

**ADVANCED:** Age 12 and Up

**INTERMODAL PIGGYBACK CARS Cont. -**

See Piggyback Trucks/Containers in Route 66 section on pages 85/86



**90 Ft. Piggyback Flat Cars**

READY TO RUN (Due Winter 1988/89)

These full length Piggyback Flat Cars are based on a design of General American Transportation Corp. They are a full scale 90 Ft long. Hence they are adaptable to carry all lengths of Piggyback Trailers, including Twin-45 Ft Trailers, as well as 45 Ft Sea Containers.

Two basic designs are offered. One with Trailer Hitches for Highway Piggyback Trailers, and One with tie-down frames to hold Sea Containers. Both are every day sights on the railroads, and can be intermixed on the same train.

**■ 90 Ft. PIGGYBACK FLAT, w/CONTAINERS**

- Trailer Train..... 0001-01207A
- Southern Pacific..... 0001-01207B
- Conrail..... 0001-01207C
- Union Pacific..... 0001-01207D
- Undecorated..... 0001-1207UN

**■ 90 Ft PIGGYBACK FLAT w/TRAILERS**

- Trailer-Train..... 0001-01206A
- C S X (formerly Chessie)..... 0001-01206B
- Southern Ry..... 0001-01206C
- Burlington Northern..... 0001-01206D
- Undecorated..... 0001-1206UN

**50 Ft. Flat Car with Piggyback Trailers**

READY TO RUN (Winter 1988/89)

The term 'Piggyback' means a highway trailer moving from city to city on top of a Railroad Flatcar rather than on the highways. The Circus's pioneered 'Piggyback' service in the early 1900's, but it was not until the late 1950's that it began to be used for common highway freight in a big way.

Our 'Piggyback' Flatcar is typical of those found in the late 1950's and early 1960's when many railroads ran their own *Express Freight Service* using brightly colored Trailers.

The trailer is removeable, so you can run the car empty or *light* in railroad jargon, and even though these are models of trailers not found on the trains today it, still would be fun to run a few in your trains anyway.



**■ 50 Ft. FLATCARS with TRAILERS**

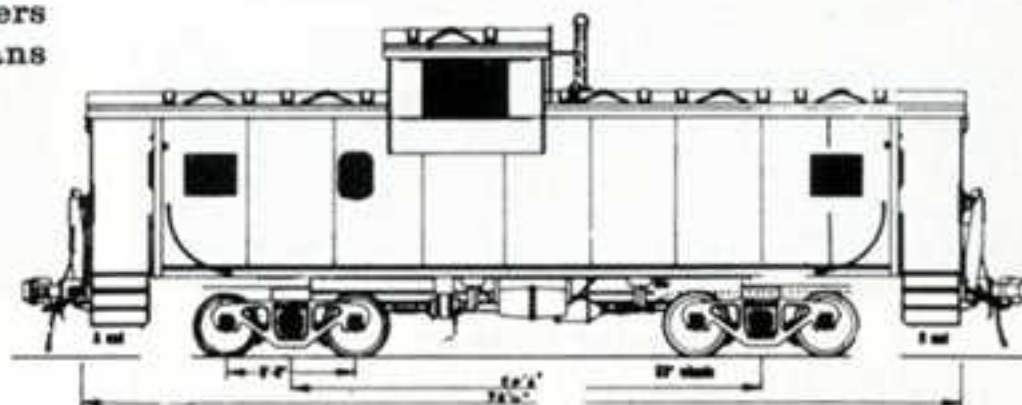
- Undecorated..... 0001-1205UN
- Western Pacific..... 0001-01205A
- Pennsylvania 'TrucTrain'..... 0001-01205B
- New York Central 'Pacemaker'..... 0001-01205C

- Wabash Railway..... 0001-01205D
- Illinois Central..... 0001-01205E
- Santa Fe..... 0001-01205F
- Great Northern..... 0001-01205G
- Union Pacific..... 0001-01205H

**In the R & D Stage:**

We are always working on new items, and we present some of them here... hopefully they will be ready during 1989. We always welcome suggestions for new items from our customers, and photos or plans are a big help, our best sources of information usually turn out to be customers who help us gather all the photos and plans needed to build a model.

**EXTENDED VISION CABOOSE**



- 60 Ft FLAT CAR
- 60 Ft BULKHEAD FLAT CAR
- 60 Ft CENTER-BEAM FLAT CAR



# BUILDING THAT FIRST 'N' MODEL RAILROAD

## INFORMATION IS THE KEY TO YOUR SUCCESS

We have built many 'N' Scale layouts for various trade show exhibits, and our own private railroads. Every time we build a new layout, we add many improvements that we learned from mistakes in building the previous layouts, as well as just 'Tricks of the Trade' that one acquires as you read more books, magazine articles, and talk to other modelers and see how they built scenery and solved problems as they came up.

We have also watch many other people build their first model train layout, and have gotten hundreds of letters over the past 25 years from customers seeking advise on how to solve a problem that came up.

From this experience we have learned three things:

#1: Most people try to make their very First layout too large, and too complicated. A 4 ft x 8 ft layout is large enough for the first try. With scenery and details it will take most people, working 8-10 hours a week, about a year to finish this size layout.

#2: While lots of Books and Video Tapes are available, most people rush ahead into a layout without doing much planning and wide up with problems that could have easily been avoided if they had planned ahead a little and did some research. Going through the various Books and Video Tapes can be a lot of fun on nights you don't feel like doing much else than 'armchair' railroading.

#3: Your first Model Railroad will not be your Last!. Some people rush into finishing the trackwork only to find their trains don't run smoothly because of poor uneven track, or faulty wire connections...take your time, and do it correctly. As you go along you will thing of ideas and plans you can not use on your First layout, and so you already have started to plan your 2nd. That's Ok. Everyone does it, and that's part of the fun of Model Railroading..dreaming and planning.

### 'N' How To Books

**N Scale Primer.** A great guide for the beginning modeler in N scale. Two complete layouts described, plus all the basics.  
Order #0400-012021

**N Scale Model Railroad Track Plans.** Over 60 complete layouts for anyone working in N scale. Scenery ideas and track ideas are covered.  
Order #0400-012009

**101 Track Plans for Model Railroaders.** Basic track plans can be adapted to N scale.  
Order #0400-012012

**Nine N Scale Model Railroads.** Easy to follow book for the first time layouts..nine to choose from.  
Order #0150-000007

**Modular Model Railroading.** Nice Introduction to building modular layouts for small spaces. Also see modular handbook published by the NTRAK group on page 77.  
Order #0083-001783

### Railroad Videos

**The Basics of Model Railroading.** Learn all about the basic techniques you need to build- and enjoy - your model railroad. Includes advise on Track planning, benchwork, lay track, and basic wiring. 54 minutes.  
Order #0101-101000

**Basics of Model Railroad Wiring.** 53 minutes of useful information.  
Order #0101-101001

**Building Model Railroad Scenery with the Experts.** Complete coverage of a wide variety of Scenery techniques by the knowledgeable staff of Model Railroader Magazine.  
Order #0101-101300

**Building Reliable Model Railroad Track.** Shows you how to build and maintain superb Model Railroad Track work. How to work with Flexible Track and commercial turnouts. From building sub-roadbed to ballasting and weathering, all the techniques for track building are covered, 53 minutes.  
Order #0101-101302

### Model Railroad Video Tours

Years ago we could only dream about seeing some of the famous model railroads, or get a glimpse thru a magazine article or a handful of photos. The next four videos offer you Fascinating Tours of some of the best Model Railroad layouts in the USA. Maybe your First layout willnot be as detailed as those you see, but they will give you a lot of inspiration as to what can be done by Expert modelers.

**Layout Tour #1.** Visit 5 superb model railroads, which include Bruce Chubb's HO Sunset Valley, the HO D&RGW of Brian Holtz, Malcolm Furlow's HOn3 San Juan Central, the O Scale Great Southern, and the N Scale Cumberland Valley System.  
Order #0101-108850

**Layout Tour #2.** 6 Layouts are visited including the famous Virginian & Ohio of Al McClelland.  
Order #0101-108851

**Layout Tour #3.** Journey to two of the largest Club layouts in the USA. First to the Union, Hoboken & Overland Ry of the New York Society of Engineers, then the Rensselaer Model RR Club's layout. Three other private layouts also featured.  
Order #0101-108552

**Layout Tour #4.** Vist 6 great layouts. From Rick Shoup's Atlantic & Western to John Armstrong's Canandaiqua Southern. 60 minutes.  
Order #0101-108553

## NOTE:

### Basics of N Scale same as Basics of HO scale

As we have discussed before, many facets of Model Railroading remain the same, no matter what Scale you are modeling in. Therefore you will find the following catagories useful for N Scale as follows:

**Basic Tools: Page 23**

**Power Paks, Wiring: Page 23**

**Railway Signals: Page 59**

**Cork Roadbed: Page 80**

**Trees, Lichen, Ballast: Pgs 29-30**

## A TRACK PLANNING GUIDE

# SHINOHARA

HO ● HOn3 ● N

Shinohara brand trackage is designed for the advanced model railroader who wishes to build a permanent layout. The modeler will also have to learn a little bit about electricity from the various books and videos we offer to properly wire a model railroad using Shinohara Trackage.

Shinohara is what most of the "expert" model railroaders use and prefer....the track is made using a solid piece of Nickel-Silver rail extruded into the proper "rail" cross-section as used on the real railroads. The highly detailed plastic ties are even moulded in a realistic wood color.

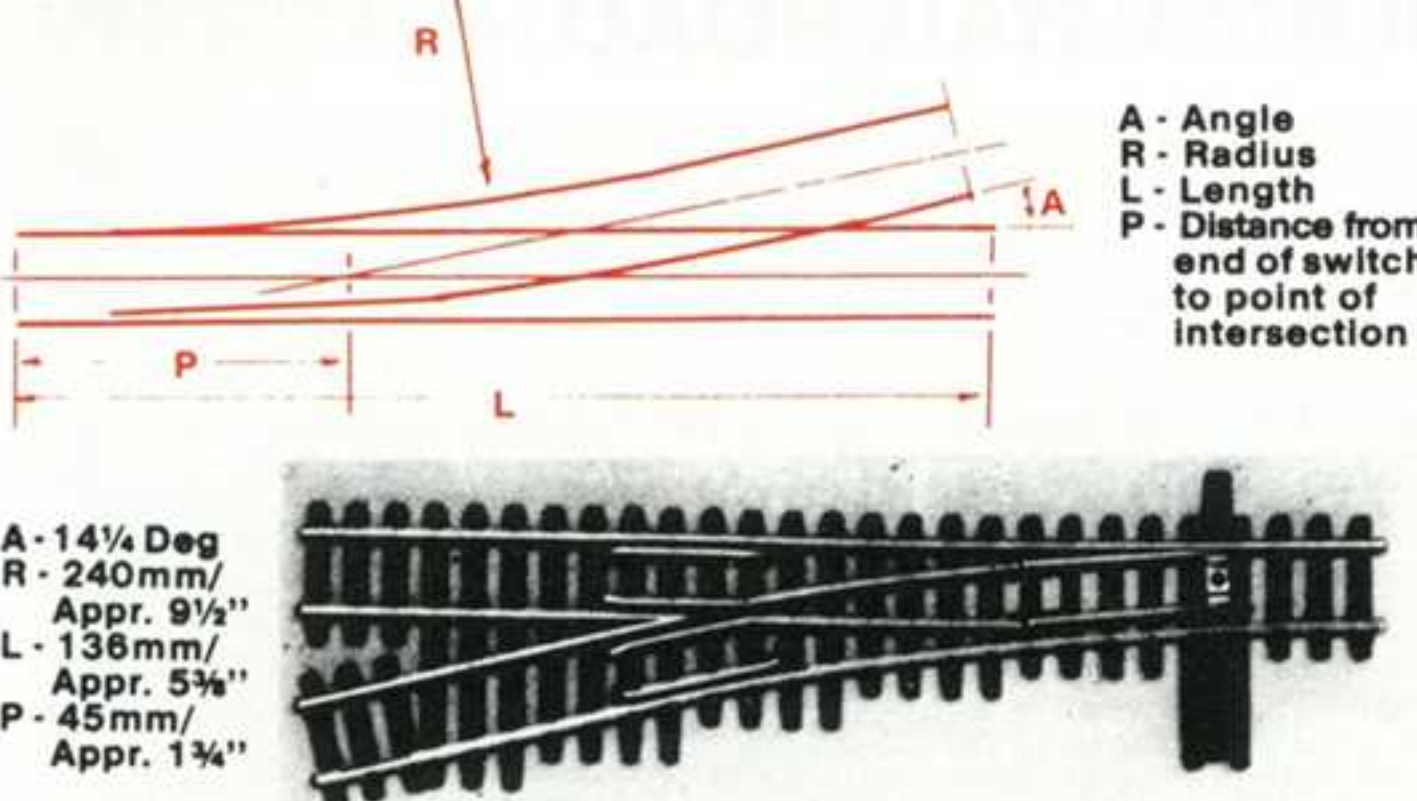
Two size rails are offered, Code 70 which is larger and used for heavy duty mainline use, and Code 60 which is used for branch lines, and for a more "scale" appearance.

Most track plan books only give approximate dimensions so some care must be taken when planning a layout with Shinohara. We have provided the basic dimensions on all Shinohara track components for a guide in your planning.....but please double check everything and allow some extra space when planning your layout to avoid the "cramped" look and adquate clearance for Scenery.

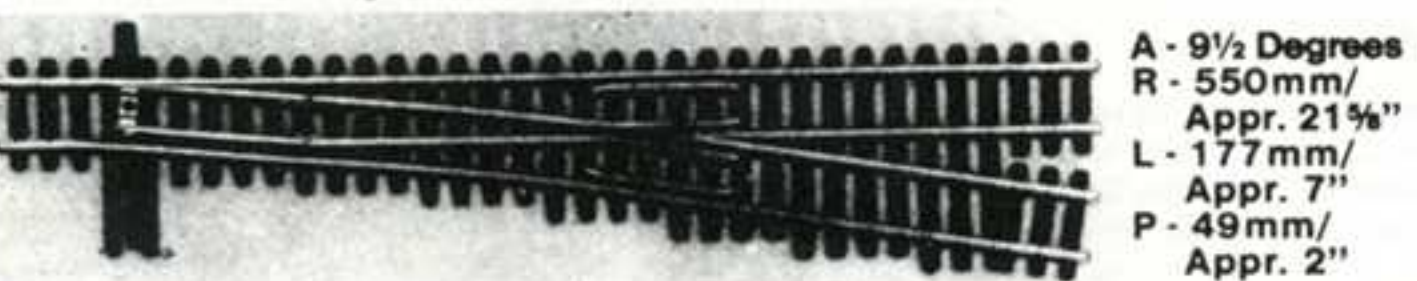
See Next Two Pages:-



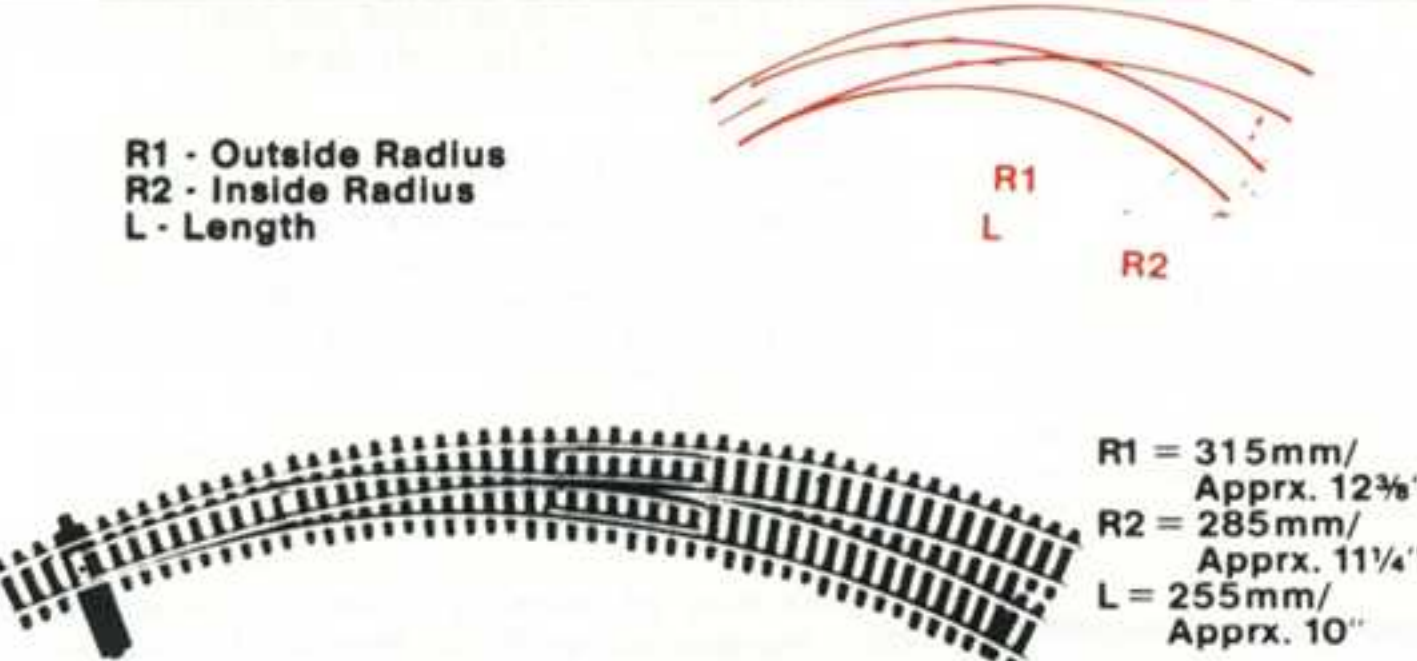




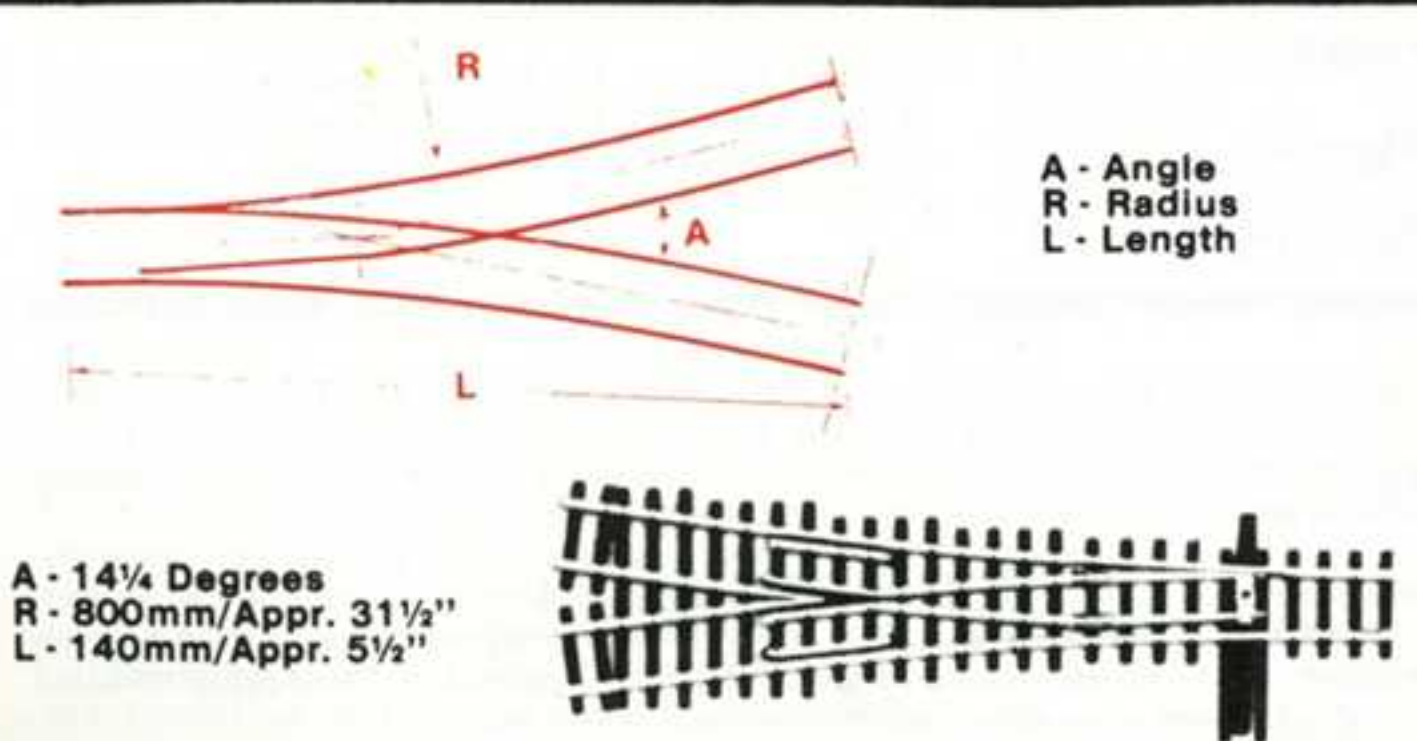
**"N" #4 TURNOUT - CODE 70 - NICKEL SILVER RAIL - PLASTIC TIES**  
0005-009503 #4 Left Hand Turnout, Manual  
0005-009504 #4 Right Hand Turnout, Manual



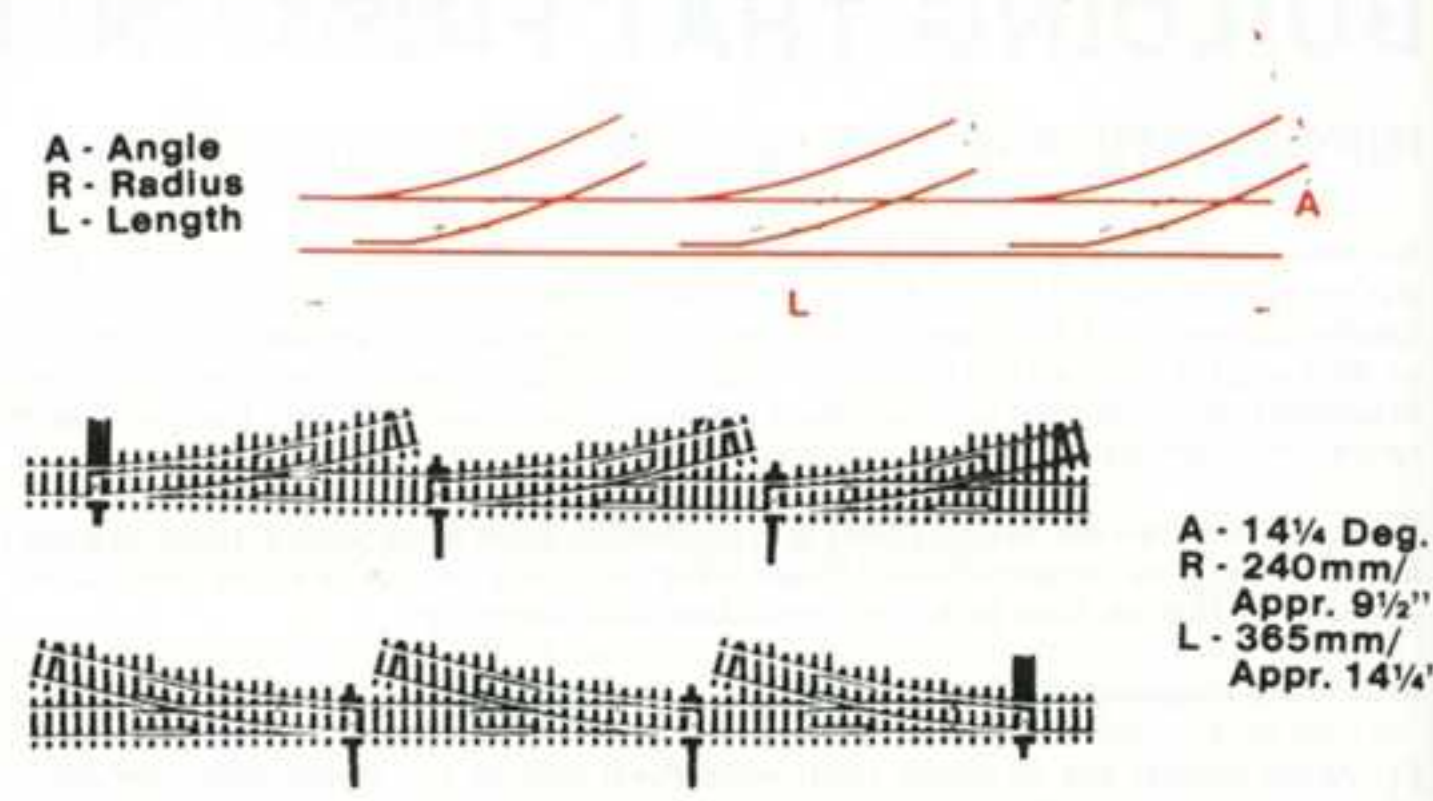
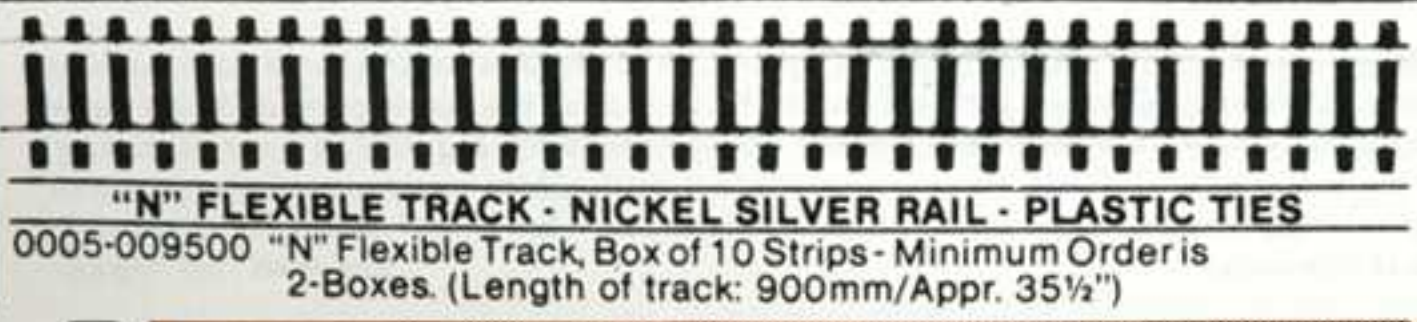
**"N" #6 TURNOUTS - CODE 70 - NICKEL SILVER RAIL - PLASTIC TIES**  
0005-009501 #6 Left Hand Turnout, Manual  
0005-009502 #6 Right hand Turnout, Manual



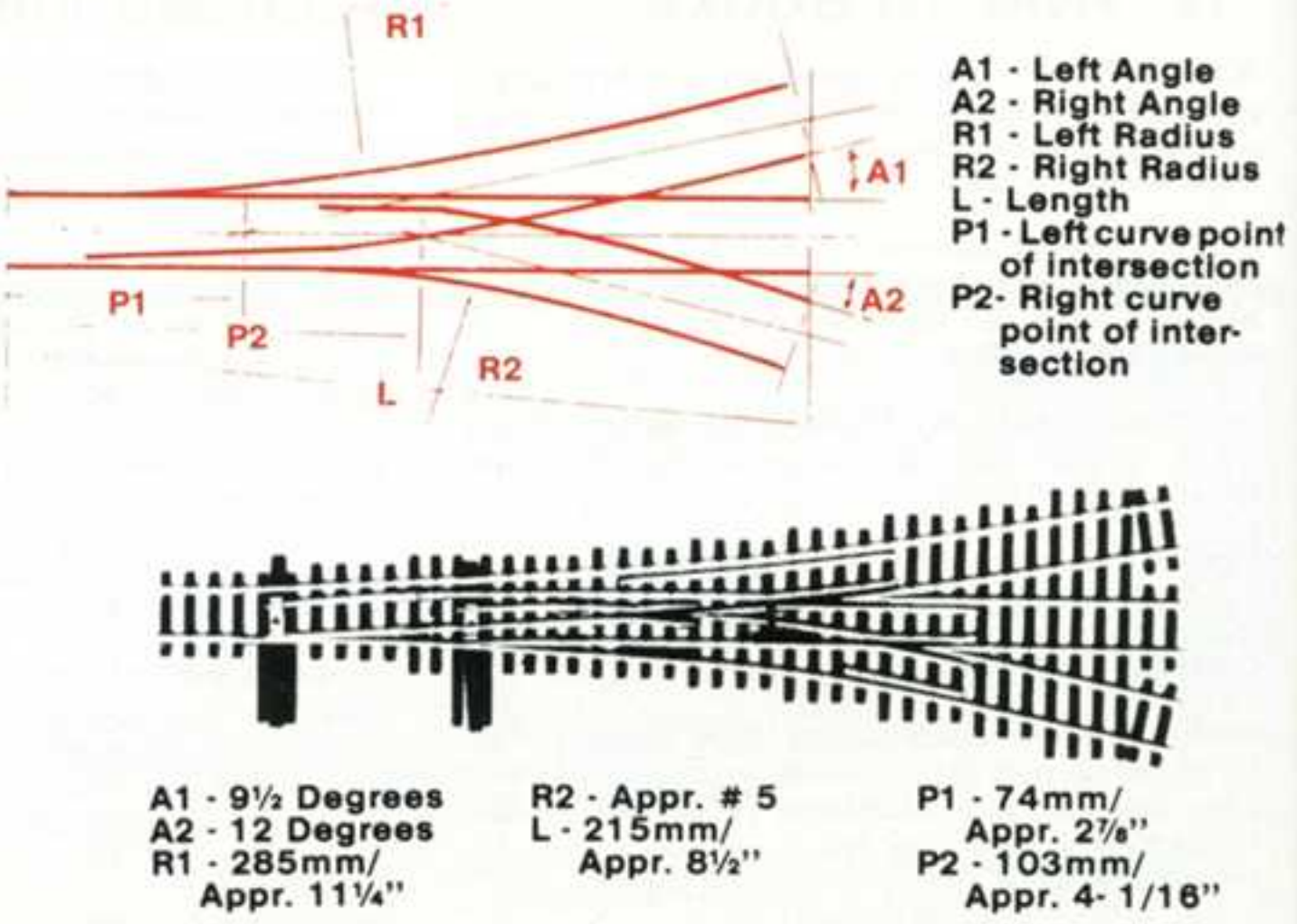
**"N" #6 CURVED TURNOUTS - CODE 70 - NICKEL SILVER - PLASTIC TIES**  
0005-009512 #6 Left Hand, Curved, Turnout, Manual  
0005-009513 #6 Right Hand, Curved, Turnout, Manual



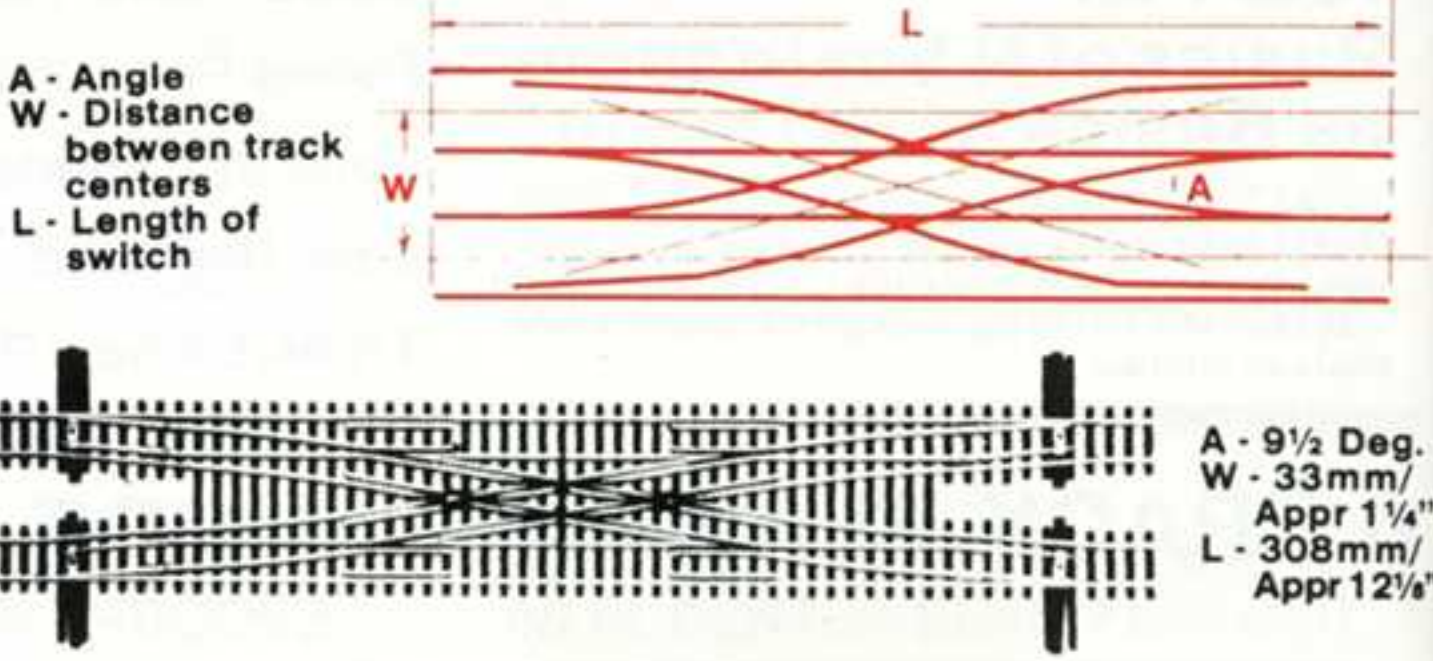
**"N" #4 WYE TURNOUT - CODE 70 - NICKEL SILVER RAIL - PLASTIC TIES**  
0005-009511 #4 Wye Turnout, Manual



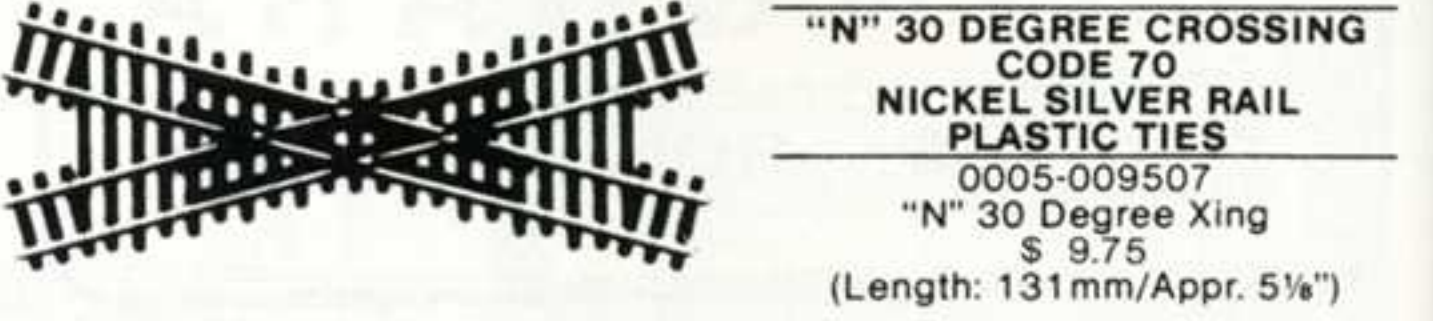
**"N" #4 YARD LADDERS - CODE 70 - NICKEL SILVER RAIL - PLASTIC TIES**  
0005-009514 #4 Left Hand Yard Ladder, Manual  
0005-009515 #4 Right Hand Yard Ladder, Manual



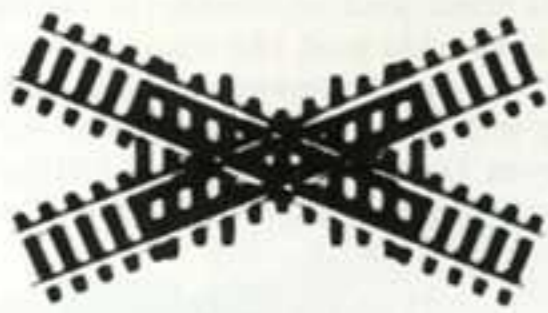
**"N" #9 3-WAY TURNOUT - CODE 70 - NICKEL SILVER RAIL - PLASTIC TIES**  
0005-009506 #9 3-Way Turnout, Manual



**"N" #6 DOUBLE CROSSOVER - CODE 70 - NICKEL SILVER - PLASTIC TIES**  
0005-009505 #6 Double Crossover Turnout, Manual

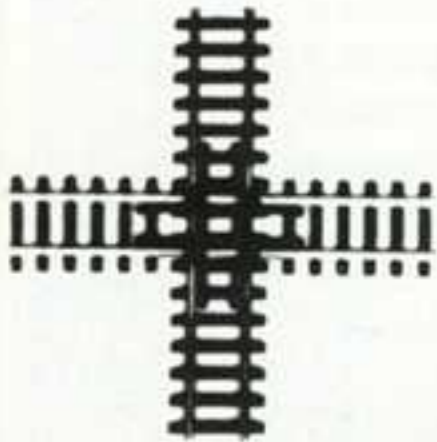


**NOTE:** The "radii" shown on the turnouts of both "N" and "HO" scale from SHINOHARA are not to be considered as actual curve radius in relationship to a part of a complete circle. The turnout is much sharper at its beginning and gradually increases to the approximate radius given

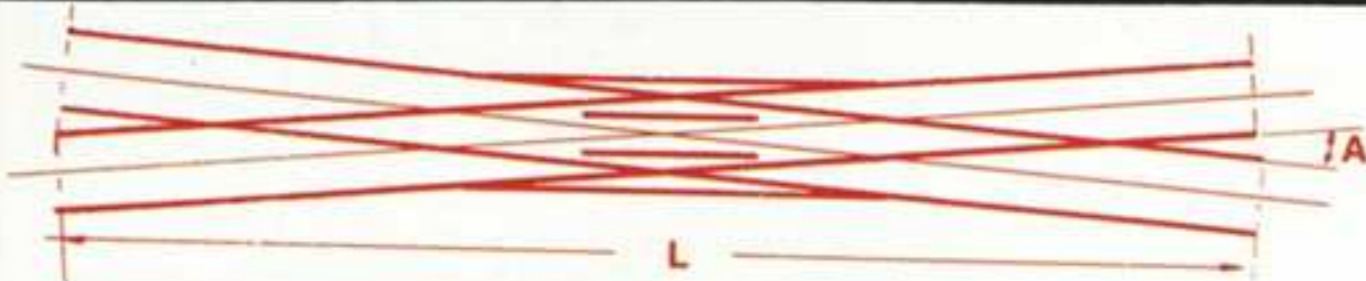


**"N" 45 DEGREE CROSSING  
CODE 70 - NICKEL SILVER RAIL  
PLASTIC TIES**  
0005-009508  
"N" 45 Degree Xing  
(Length: 102mm/Approx. 4")

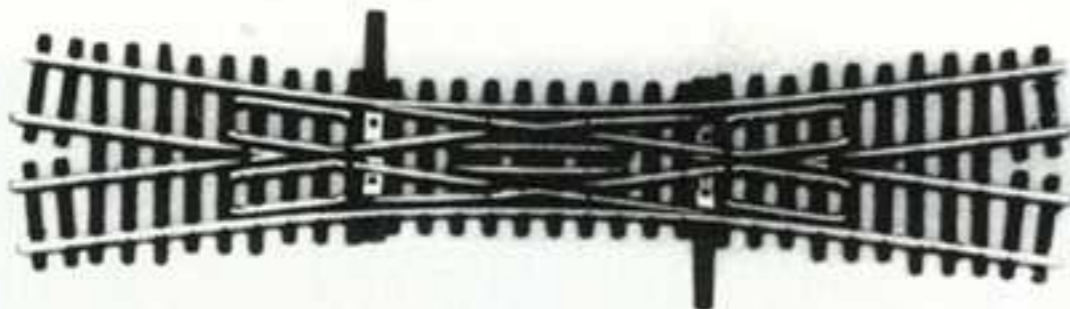
**"N" 60 DEGREE CROSSING - CODE 70  
NICKEL SILVER RAIL - PLASTIC TIES**  
0005-009509  
"N" 60 Degree Xing  
(Length: 98mm/Approx. 3 7/8")



**"N" 90 DEGREE CROSSING - CODE 70  
NICKEL SILVER RAIL - PLASTIC TIES**  
0005-009510  
"N" 90 Degree Xing  
(Length: 79mm/Approx. 3 1/8")

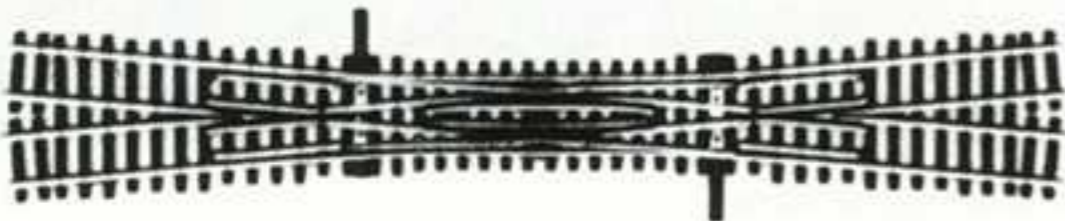


A = Angle L = Length of Turnout



A - 14 Degrees L - 165mm/Approx. 6 1/2"

**"N" #4 DOUBLE SLIP TURNOUT - CODE 70  
NICKEL SILVER RAIL - PLASTIC TIES**  
0005-009516 "N" Double Slip Turnout, Manual



A - 9 1/2 Degrees L - 229mm/Approx. 9"

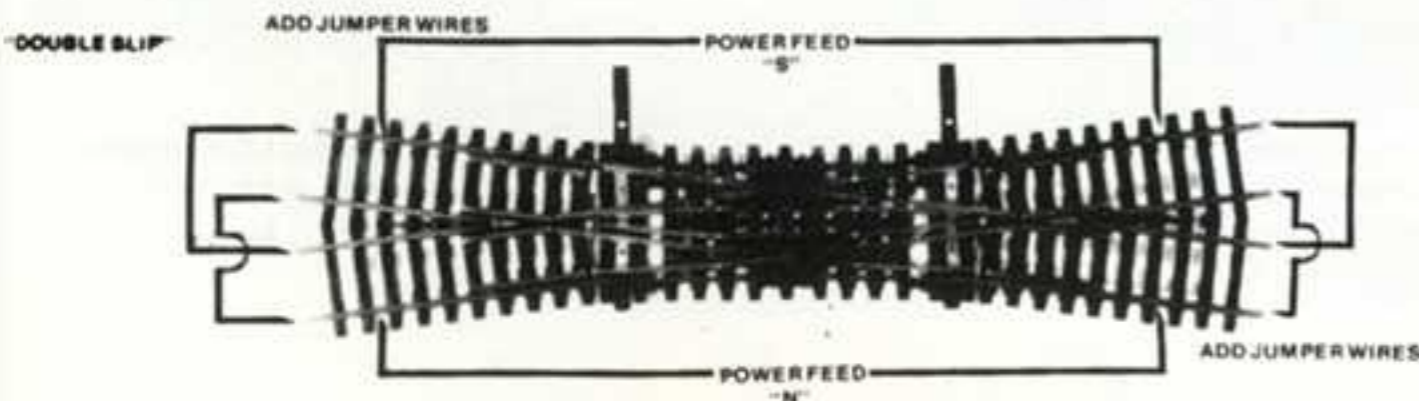
**"N" #6 DOUBLE SLIP - CODE 70 - NICKEL SILVER RAIL - PLASTIC TIES**  
0005-009517 #6 Double Slip Turnout, Manual

## ACCESSORY ITEMS

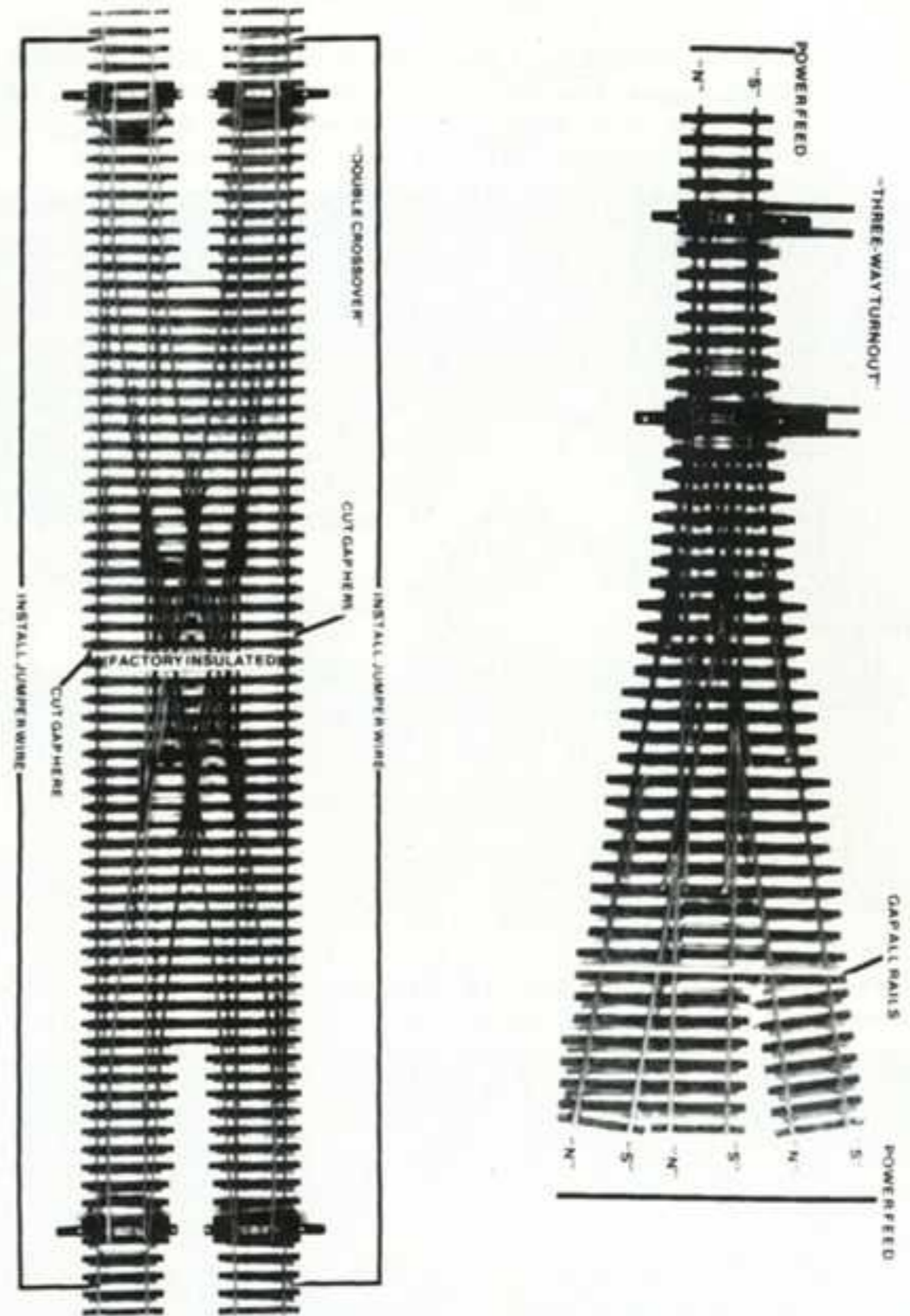
- 0005-001005 Rail Joiners, Nickel Silver, Code 70, Pk/12
- 0005-001007 Insulated Rail Joiners, Plastic, Code 70, Pk/12
- 0005-001009 Rail Spikes, Code 70, 10 Gram Package
- 0005-100550 Rail Joiners, Nickel Silver, Code 70 PK/50
- 0005-001012 Extra Ties, Code 70, Wood Simulation, Pk/24

## HOW-TO-WIRE...

Here are some easy ways to wire three of the SHINOHARA turnouts that most modelers find difficult...



(More "How-To-Wire...")



## New Code 60 'N' Track Due in 1988!

We are pleased to announce that Shinohara will begin to develop a line of "N Code 60" during 1988. More to scale than the present Code 70 "N" now available, Code 60 can be used as branch-line with your existing Code 70, or new projects can be started using Code 60.

It will take some time for the entire range of products to be made in Code 60 as new tooling must be for each track item in the line. Code 70 will continue to be offered, and eventually both Code 70 and Code 60 will be available in all popular track configurations.

We have experimented with running various brands of rolling stock and locomotives to check flange clearances on the new Code 60, and find that all currently produced items from Con-Cor, Atlas, Kato, Rivarossi etc seem to all run OK on the Code 60.

For layout planning, using Code 60 you may use the same dimensions and configurations as the Code 70 products.

Delivery of the Code 60 Flexible track and Code 60 #6 RH and LH turnouts are due in Feb/March of 1988. Other track sections will follow as tooling is finished, but we realistically expect it to take at least a full year for most popular track sections to be ready.

- 0005-009600 Code 60, Flextrack, box of 10 sections
- 0005-009601 Code 60, #6 Lefthand Turnout
- 0005-009602 Code 60, #6 Righthand Turnout

## No Space For a Permanent Layout?

In recent years several clubs & groups have been formed which use the "modular" railroading concept. Simply stated, each member builds a section of layout, usually about 4 to 6 feet long and about 30 inches wide, at home and brings to it to a common meeting point once a month or so where it is joined with other "modules" to form a very large oval layout. You most likely have seen such layouts from time to time at Model Railroading Shows, or in Shopping Malls.

Each "module" can have its own "theme", and some members build more than one "module", each one with a completely different theme...this has a big advantage over a permanent layout where the whole layout needs to have one central theme to hold it together.



**More Structure Kits:**

We introduced you to some of our fine 'N' Structure Kits on pages 82/83. Shown on the next pages are more fine Kits manufactured by Heljan of Denmark for us. You will find larger Structures for larger layouts, bridges, and trestles for layouts that have multi-level track plans.

All these N Scale structure kits come in kit form and assembly is required. Structures are among the easiest items to assemble and the experience you will gain from assembling the structures can be carried over to other aspects of Model Railroading. In most cases all you will need to complete the structure kit is a sharp knife to cut the parts from the sprues, a file to clean up those parts, glue and, when required, you may want to paint small detail parts of the structure. (See Tools listed on page 23.)



Will Jacobs Supply Co. ....0002-000682  
Typical warehouse structure found in any mid-western town, built in the 1920's but still standing today. (10-1/2" L x 3-1/4" W x 4-3/4"H)



Lech Memorial Hospital..... 0002-000684  
Typical multi-story building found all over the USA. We include plastic signs for either a Hospital or Hotel, but you could make it an office building or...  
7" H x 5-1/4" W x 11" H



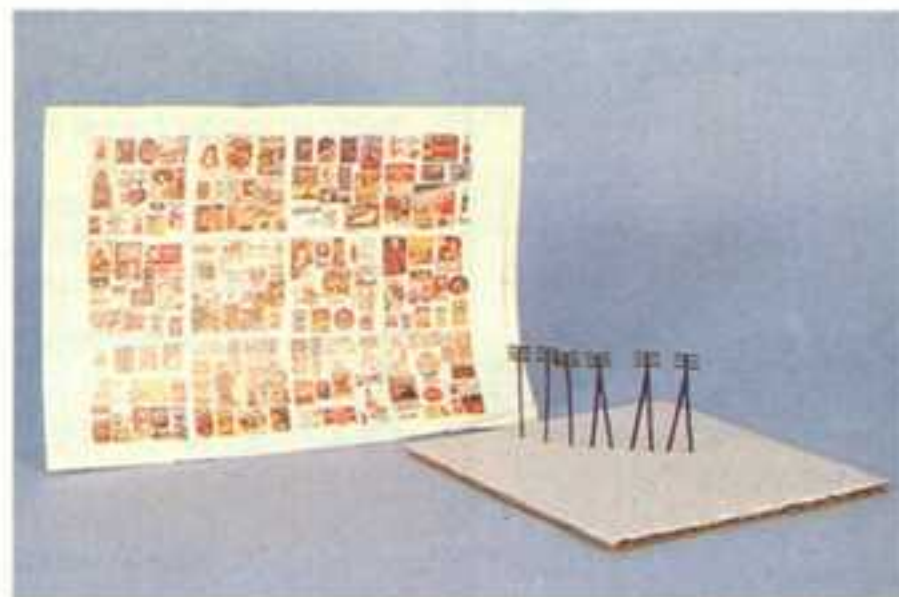
Small Town Station and Freight House.....0002-000683  
Two buildings in one, typical of buildings built by the railroads in the early 1900's, and still found standing today all over the USA. Can be placed side by side, or as far apart as you wish on the layout. (Dimens. for both side by side)  
12-1/4" L x 2-1/2" W x 2" H



Church & Farmhouse w/ Barn.. ....0002-000704  
Village church with two farm buildings. (Dimensions for group)  
8-1/4" L x 3-3/4" W x 2" H

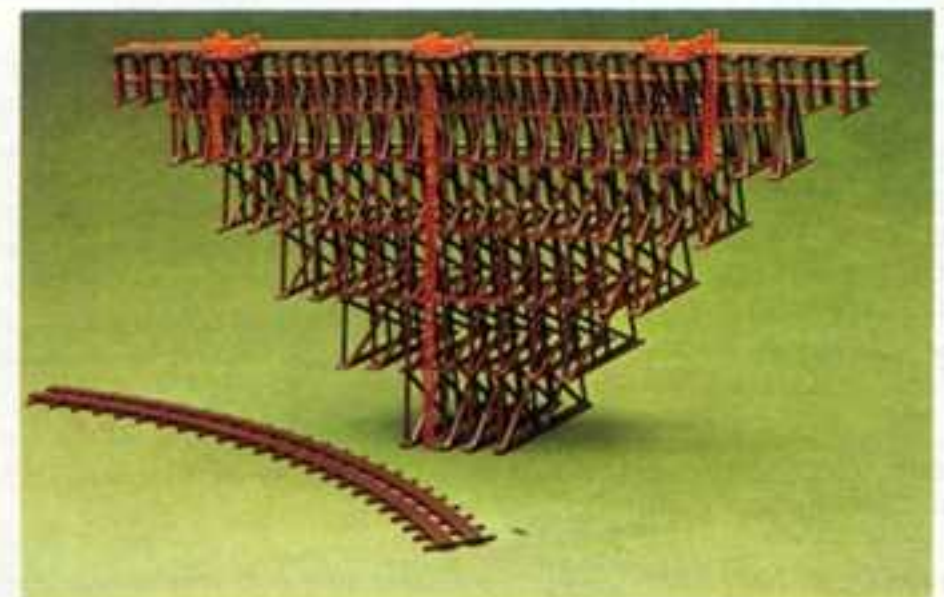


Two Small Cottages..... 0002-000702  
Typical farm or resort cottages  
2-3/4" L x 1-3/4" W x 1-3/4" H



N Scale Telephone Poles... ....0002-000701  
Set of 28 telephone poles in assorted styles. Just adding telephone poles alongside your train tracks will make an amazing difference in the realism you feel. Approx 1-3/4" High

NSigns. Approx 50 4 color signs. . . . 0002-000856  
On sticky back paper for buildings, fences etc.



Single Track Large Timber Trestle...02-000666  
Adds realism to mountain layouts.  
Approx 13-1/4" L x 3" W x 8-1/2" H



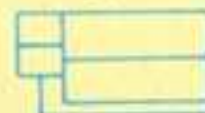
002-000640 Passenger Station

22×7,5×8,5 cm



002-000641 Small Freight House

13,5×6,5×4,5 cm



002-000642 2- Stall Engine House

19,5×8,5×7,5 cm



002-000645  
Platforms

42×4×4,5 cm



002-000643  
6- Stall  
Roundhouse

39×21,5×7 cm



002-000646  
9" Manual  
Turntable

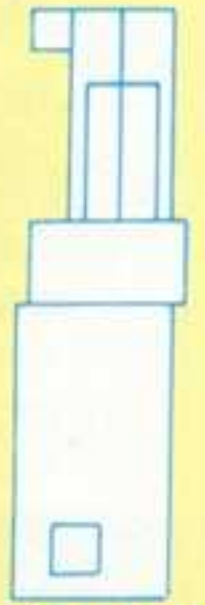
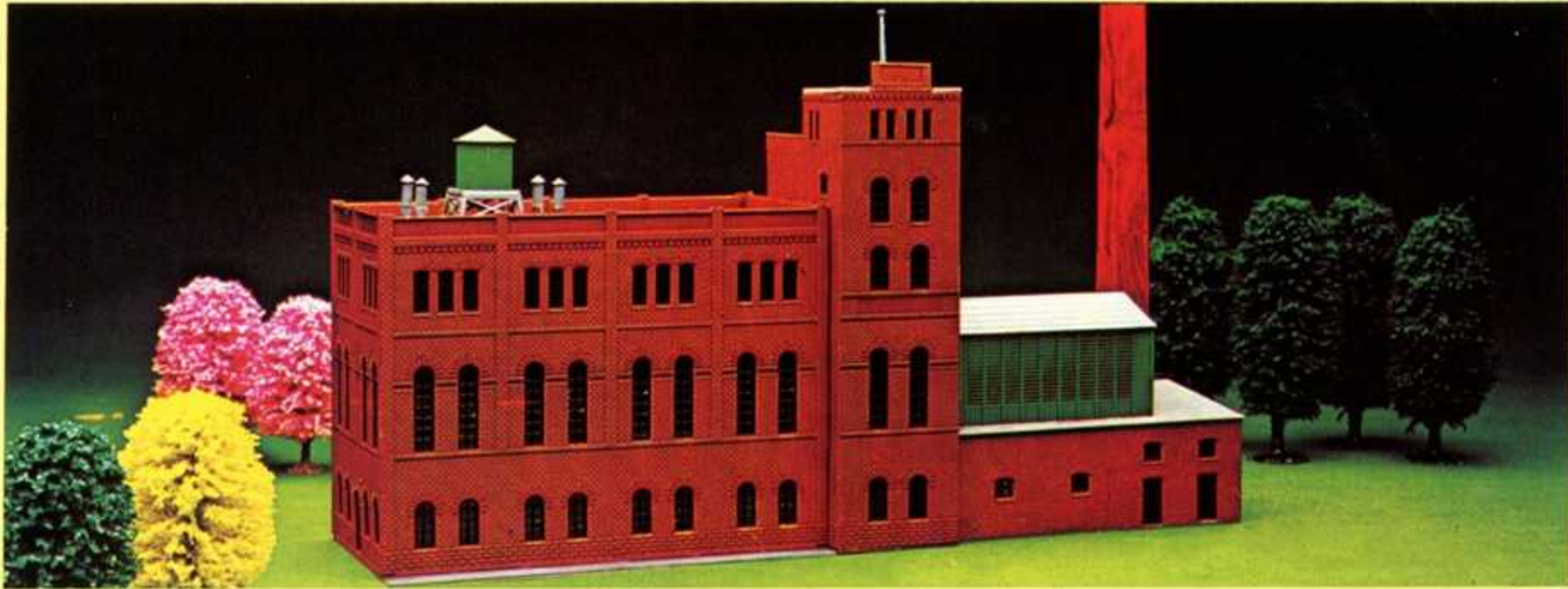
25×25×8 cm

(Not Shown)  
002-001646  
Motorizing Kit  
For Turntable





Precolored Injection Molded Plastic Kits.  
Moderate Difficulty of Assembly - Directions  
included single exploded drawing of building.



42x11x25 cm

0002-000678

Brewery



Three Mile Island Nuclear Power Plant

.....0002-000680

Modern building on the landscape, like 'em or not they will add a bit of contemporary realism to your layout. Also is educational, as it includes information on how a Nuclear Power Plant actually operates.

Approx 12" L x 9" W x 6-1/2" H



42x30x31 cm

0002-000681

Slaughterhouse  
W/Pens



Precolored, Injection Molded Plastic Kits.  
Moderate Difficulty of Assembly - Directions  
include a single exploded drawing of building.



8 · 7.5 · 10 cm

0002-000652

Sand And  
Gravel Silo



10.5 · 5 · 11.5 cm

0002-000653

NYC  
Coaling Tower



26 · 4.5 · 8.5 cm

0002-000661

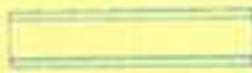
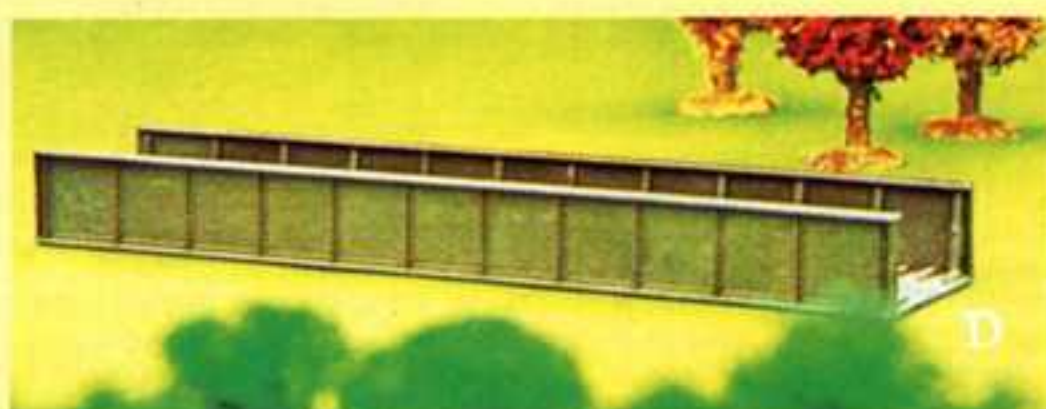
Santa Fe  
Arch Bridge



17 · 4 · 4 cm

0002-000662

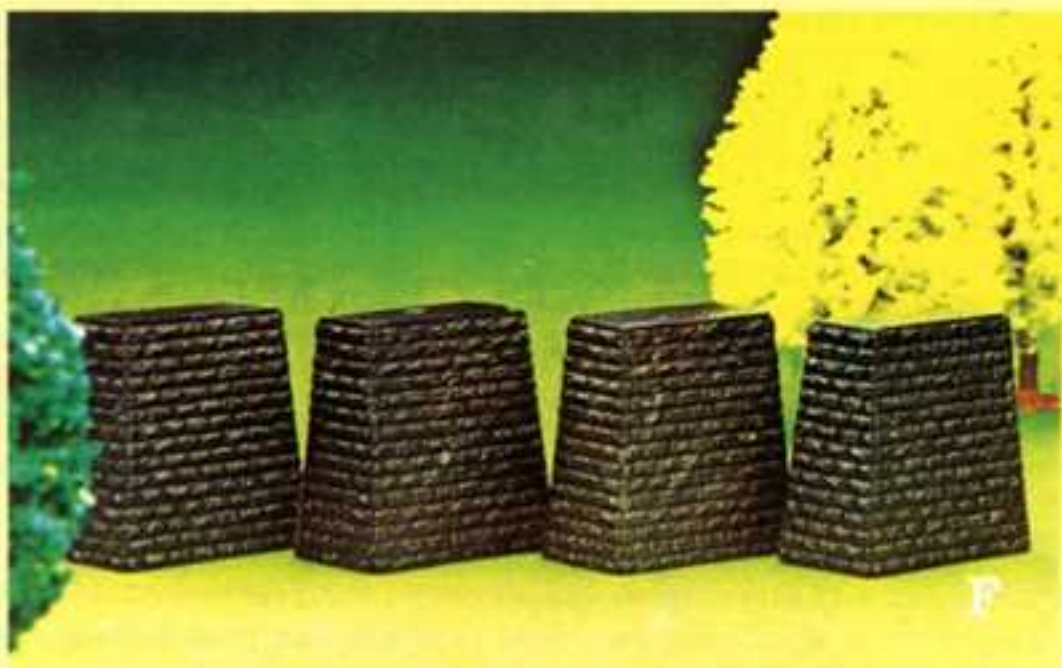
Box  
Girder Bridge  
(5" Long)



17 · 4 · 4 cm

0002-000663

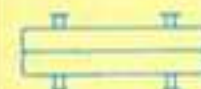
Truss Bridge  
(5" Long)



4 · 2 · 4.5 cm

0002-000664

Stone Bridge  
Piers, Pk/4



13 · 5.5 · 12 cm

0002-000665

Yard-Type  
Transfer Crane

PRICES AND AVAILABILITY SUBJECT TO CHANGE



# Scenery For 'N' Scale

As we have explained previously, many of the elements of Scenery have no Scale. Please refer to Pages 73-76 for the basic elements of Advanced Scenery ..which also apply for N Scale.

However, we have listed below some of the items which are specific to 'N' Scale Model Train layouts.

- TUNNEL PORTAL, etc. "N"
- Single Track, Cut Stone Portal. ....0110-000210
- Double Track, Cut Stone Portal. ....0110-000211
- Single Track, Random Stone Portal. ...0110-000212
- Double Track, Random Stone Portal. ...0110-000213
- Single Track, Concrete Portal. ....0110-000214
- Double Track, Concrete Portal. ....0110-000215
- Poured Concrete Tunnel Wings(2 pc)...0110-000216
- Timber Tunnel Abutment. ....0483-030207
- Random Stone Tunnel Abutment.....0483-030208
- Cut Stone Tunnel Abutment. ....0483-030209
- Timber Retaining Wall. ....0483-030210
- Random Stone Retaining Wall.....0483-030211
- Cut Stone Retaining Wall. ....0483-030212

- MODULAR BACKDROP SYSTEM
- City Scene..... 0229-008801
- Downtown Scene. .... 0229-008802
- Industrial District Scene..... 0229-008803
- Lumber Yard Scene..... 0229-008804
- Estuary Scene. .... 0229-008805
- Oil Tank Farm Scene. .... 0229-008806
- Oil Field Scene. .... 0229-008807
- Farm Town Scene. .... 0229-008808
- Farm Land Scene. .... 0229-008809
- Woods Scene. .... 0229-008810
- Forest Scene..... 0229-008811
- Mountain Scene. .... 0229-008812
- Modular Scene Instruction Manual.... 0229-007550

We introduced you to some Mini-Figures on page 76 in the HO section. Many of these same sets are available for N scale as well, just consult the Order Book which accompanies this catalog.

However it takes a lot of Mini-Figures to do a large Model Railroad..and it can be expensive if you only buy factory painted figures. We offer the following sets of *Unpainted Figure Sets* which you can paint yourself in a couple of evenings, it just takes a little patience!  
(The Basic paints and brushes listed on page 74 are all you need- see Order Book for complete selection of colors.)

- UNPAINTED MINIATURE "N" FIGURES SET
- Complete Set of 120 assorted unpainted figures, including Railway Personnel, passengers, townspeople, workers, and farm animals..... #0590-009000

# REPLACEMENT LIGHT BULBS

## LaBelle Replacement Bulbs

Miniature Light Bulbs are used all over a model railroad...in Locomotives, to light up structures, outdoor street lights, Railway Signals, etc etc.

### ■REPLACEMENT LOCOMOTIVE LIGHT BULBS

- Headlight Bulb, Screwbase. ....0430-002430
- Headlight Bulb.....0430-002431
- Headlight Bulb, ....0430-002432
- Headlight Bulb, ....0430-002433
- Headlight Bulb, ....0430-006661
- Headlight Bulb, ....0430-006675

The following *Guide* is meant to be a rough idea of which bulbs to use in some of the popular model railroad locomotives, however this list is not perfect, and some changes have been made from time to time by the various suppliers.

**BULB #2430:** Rivarossi/ AHM HO 0-4-0; 0-6-0; some IHB 0-8-0; 2-8-0; 2-8-4; 2-8-8-4; 2-10-2; 4-6-4; 4-8-4; 4-8-8-2. Old AHM (now Model Power) Alco 1000 diesel; RS-2 diesel; BL-2 diesel; Rivarossi HO E-8; Rivarossi FM diesel; Rivarossi Krause Maffie; Rivarossi U25C. Atlas HO GP-38; GP-40; SD-24; and SD-45. Con-Cor N Berkshire; Most Tyco HO, Rapido N 4-6-2; Rivarossi N 0-8-0; E-8.

### ■ADDITIONAL COMMON LIGHTBULBS

(NOTE: Sizes are approximate, since glass bulbs vary slightly in production. All come with wire leads approx-imately 5 inches long.)

- Round Pepper Bulb (4mm) 1.5 volt (3 pc Clear).....#0430-006401
- Round Pepper Bulb (4mm) 3 volt (3 pc Clear).....#0430-006411
- Oval Grain of Wheat Bulb (3mm) 1.5 volt (3 pc Clear).....#0430-006421
- Oval Grain of Wheat Bulb (3mm) 3 volt (3 pc Clear).....#0430-006431
- Round Bulb (5mm) 16 volt (2 pc Clear).....#0430-006441
- Round Bulb (5mm) 16 volt (2 pc Red).....#0430-006442
- Round Bulb (5mm) 16 volt (2 pc Green).....#0430-006443
- Round Bulb (5mm) 16 volt (2 pc Yellow).....#0430-006444
- Round Bulb (5mm) 16 volt (2 pc Frosted white).....#0430-006445
- Oval Blinker Bulb (10mm) 16 volt (2 pc Clear).....#0430-006461
- Oval Blinker Bulb (10mm) 16 volt (2 pc Red).....#0430-006462
- Small Grain of Wheat (2mm) 14 volt (2 pc Clear).....#0430-006551
- Small Grain of Wheat (2mm) 14 volt (2 pc Red).....#0430-006552
- Small Grain of Wheat (2mm) 14 volt (2 pc Green).....#0430-006553
- Small Grain of Wheat (2mm) 14 volt (2 pc Yellow).....#0430-006554
- Bayonet Base Bulb (no leads)(3mm) for Athearn locos and other uses  
.....(3 pc Clear)....#0430-006630

**BULB #2431:** Rivarossi/AHM 2-8-8-2; 4-8-8-4; Trix N Loco 0-6-0; 4-6-2; FM diesel; F9 diesel; U28C and U30C diesels. Con-Cor N Y6b and EL-5 Mallets.

**BULB #2432:** AHM/ Rivarossi HO 2-8-2; some IHB 0-8-0; 4-8-0; 4-6-2; HO FM Diesel and HO GG-1. Most Athearn HO. Atlas HO FP-7; Model Power HO E7; E9; FA-2; & Shark-nose. Rivarossi N Pacific; Mikado and FM.

**BULB #2433:** AHM/ Rivarossi HO 0-6-0T; MDT. Bachmann HO 4-4-0; F-7; F-9; GP-40; Metroliner and U36B. Also for Bachman N F9; GP-40; Metroliner, Plymouth and U36B. Most Brass Locomotives. Lionel HO.

**BULB #6661:** Most O Scale Locomotives

**BULB #6675:** Most Con-Cor HO & N Loco.  
Most Kato HO & N Loco.



0430-006676



0430-002430



0430-006461



0430-002431



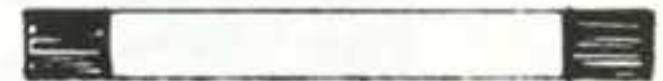
0430-006441



0430-002432



0430-002433



0430-006685



0430-006401



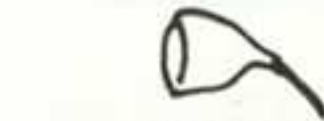
0430-006421



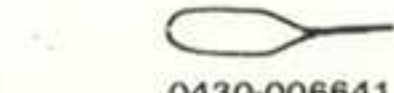
0430-006551



0430-006630

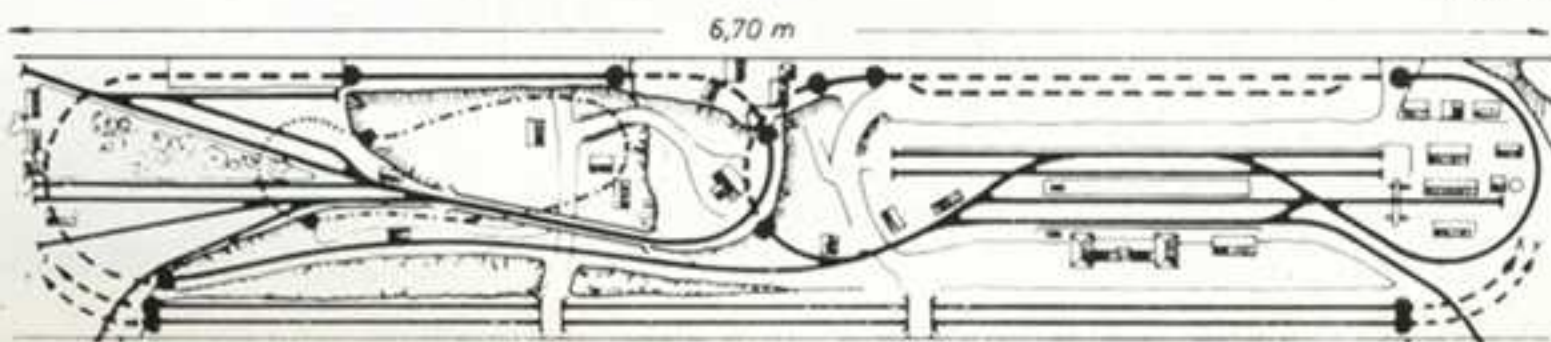


0430-006661



0430-006641

- Grain of Wheat Bulb (3mm) 12 volt (3 pc Clear).....#0430-006641
- Grain of Wheat Bulb (3mm) 12 volt (3 pc Red).....#0430-006642
- Grain of Wheat Bulb (3mm) 12 volt (3 pc Green).....#0430-006643
- Grain of Wheat Bulb (3mm) 12 volt (3 pc Yellow).....#0430-006644
- Grain of Wheat Bulb (3mm) 12 volt (3 pc Frosted White).....#0430-006645
- Grain of Wheat Bulb (3mm) 16 volt (3 pc clear).....#0430-006651
- Grain of Wheat Bulb (3mm) 16 volt (3 pc Red).....#0430-006652
- Grain of Wheat (3mm) 16 volt (3 pc Green).....#0430-006653
- Grain of Wheat (3mm) 16 volt (3 pc Yellow).....#0430-006654
- Grain of Wheat (3mm) 16 volt (3 pc Frosted).....#0430-006655
- Oval Bulb with Lens (4mm) 16 volt (3 pc Clear).....#0430-006661
- Oval Bulb with Lens (4mm) 16 volt (3 pc Red).....#0430-006662
- Angeles hair Oval Bulb (1mm) 1.2 volt (2 pc Clear).....#0430-006663
- Grain of Sand Oval Bulb (2mm) 14 volt (2 pc Clear).....#0430-006664
- Directional Lighting Kit, includes 2 16 volt clear bulbs, 2 directional diodes, (for locos  
.....etc.) .....#0430-006675
- House Lighting Kit 16 volt (2 kits with base).....#0430-006676
- Replacement Bulbs for House Lighting Kit.....#0430-006677
- Miniature Fluorescent Bulb (about 1.5 inches long) 12 volt (2 pc White)  
.....#0430-006685
- Socket for Fluorescent Bulbs above (2 pc).....#0430-006686
- Miniature Fluorescent Bulb w/Socket (one set).....#0430-006687



### SUGGESTED SHELF LAYOUT

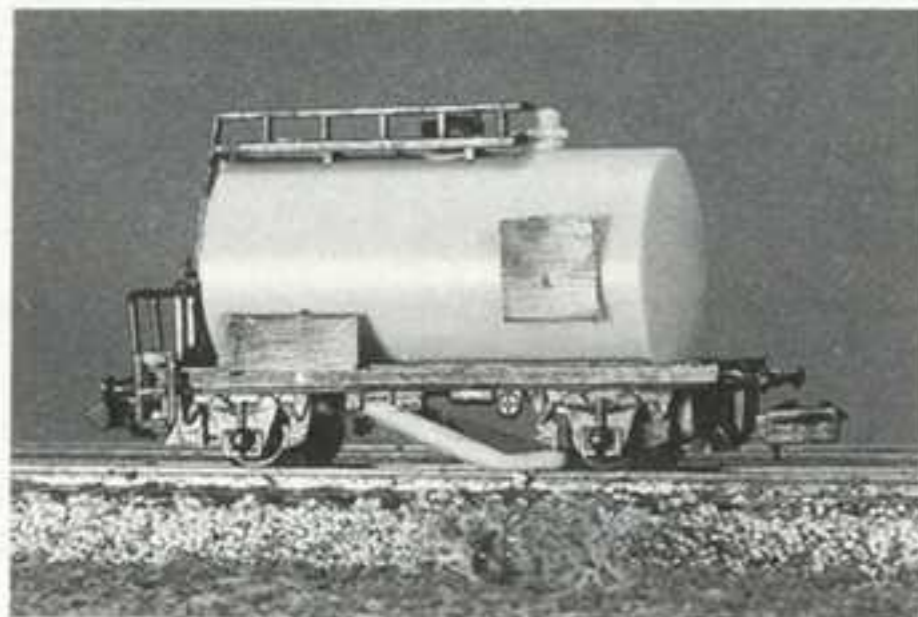
Shown here is a typical Shelf layout which gives you a lot of Model Railroad in a small space. Shelf layouts are popular in garages, attics with low ceilings, and other tight spaces. In HO scale you would need about 24 Feet Long by about 40 inches wide. In N Scale you would need about 24 Feet Long and only about 30 inches wide.

## Miscellaneous Stuff

Items on this page are necessary additions to any Model Railroad, but don't necessarily fit into any of the categories we already have covered.

### 'N' Track Cleaning Car

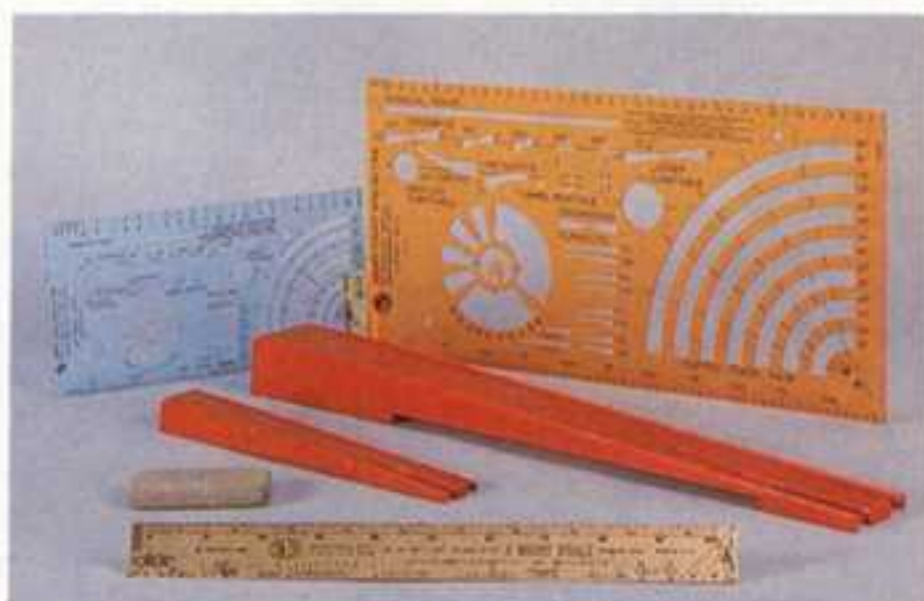
We offer the following 'N' Track cleaning car. Its operation is very simple...fill the tank up with our special track cleaning solution and run it around your layout a few times. The small wiper on the bottom of the car rubs along the rails and cleans lint and dirt off.



#### ■ N TRACK CLEANING CARS

Basic Track Cleaning Car(less Fluid).....0001-001231  
Track Cleaning Fluid.....0001-001232  
Extra Track Cleaning Pads.....0001-001233

Note for heavier track cleaning duties, we recommend the following Track Cleaning Block. It is a rubberized material with a fine grit imbedded into it that will remove even stubborn dirt from your railroad.



#### ■ TRACK CLEANING BLOCK

Track Cleaning Block.....0776-000085

### 'N' Scale Ruler

Using a Ruler already measured out for 'N' scale will be a big help as you add scenery and details to your layout to help you keep things looking in Scale to one another. Our Scale Ruler also included a gauge to help you keep tracks spaced wide enough apart to avoid trouble, as well as other useful information.

#### ■ 'N' RULER

'N' Ruler, Scale 100 feet long.....0001-000100

### Re-Railer Ramp

These handy little plastic guides make it easy to re-rail your trains after accidents, or changing rolling stock. Just set them down over the rails and roll the cars off the Re-Railing Ramp directly onto your track.

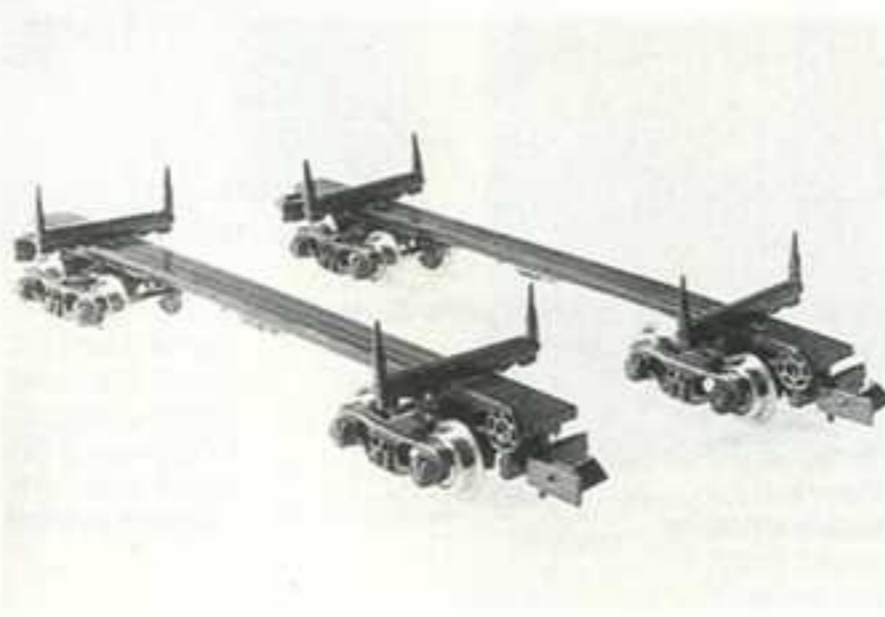
#### ■ Re-Railer Ramp

'N' Scale Re-Railer Ramp.....0001-000102  
'HO' Scale Re-Railer Ramp.....0001-000101

### 'N' Scale Log Cars

While Log Cars are not commonly found on the main line, they are certainly at home on branch lines. Our Log Car is a simple kit (takes about 20 minutes and needs paint). It is a scale 41 Ft long. We do not supply logs with them...but you can get a few twigs from the garden for this purpose.

(Note: Also see our Logging Trucks on page 85.)



#### ■ 'N' LOG CARS

Log Cars, Kit of 2 cars.....0001-001235  
Log Cars, Kit of 6 cars.....0001-001236

### Track Planning Templates

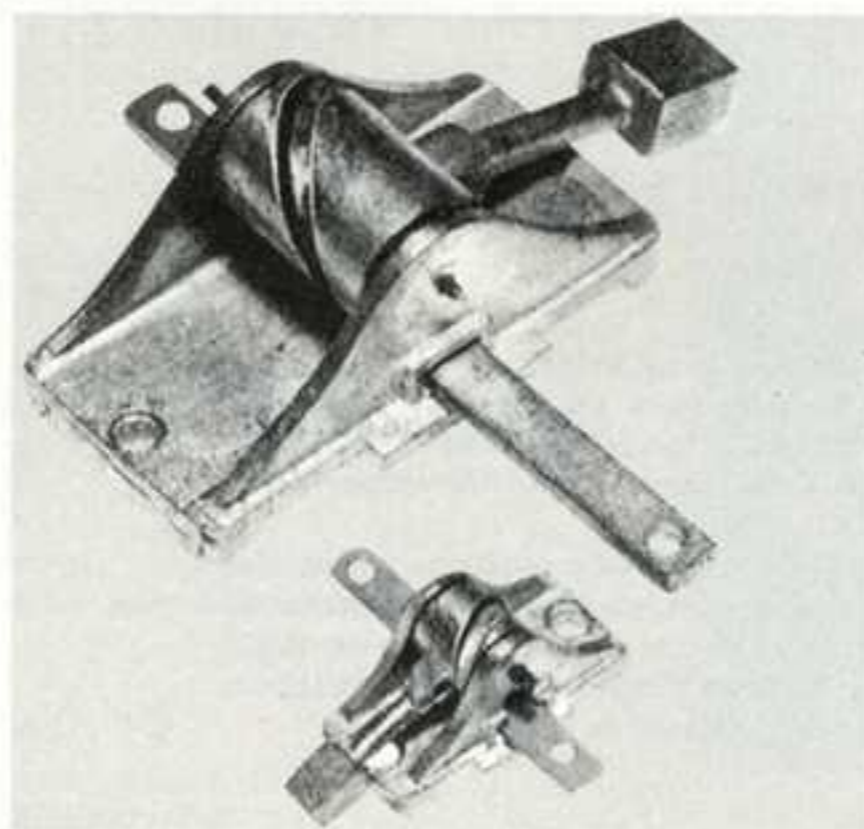
We offer the following Track Planning Templates to help you design a layout. They are made of plastic, with the appropriate cut-outs so you can use a piece of graph paper and design a variety of alternatives until you get the track plan you like.

#### ■ TRACK TEMPLATES

HO Track Template.....0345-001001  
N Track Template.....0345-001002

### GROUND THROWS

These ground throws are for manual operation of Switch Turnouts. Easily mounted with a couple of track nails on your layout. Compatible with all brands of track.

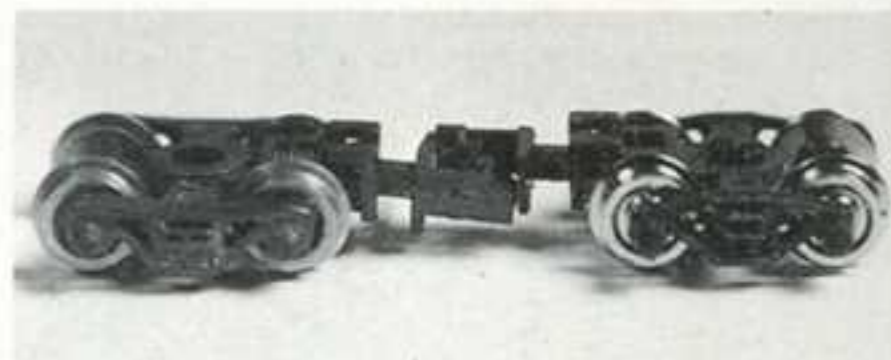


#### ■ GROUND THROWS (2 per package)

HO Ground Throws.....0430-006701  
N Ground Throws.....0430-006702

### COMMON REPAIR PARTS

The following common Repair Parts are useful for all model railroaders. (For a COMPLETE list of parts, please order our complete parts catalog.)



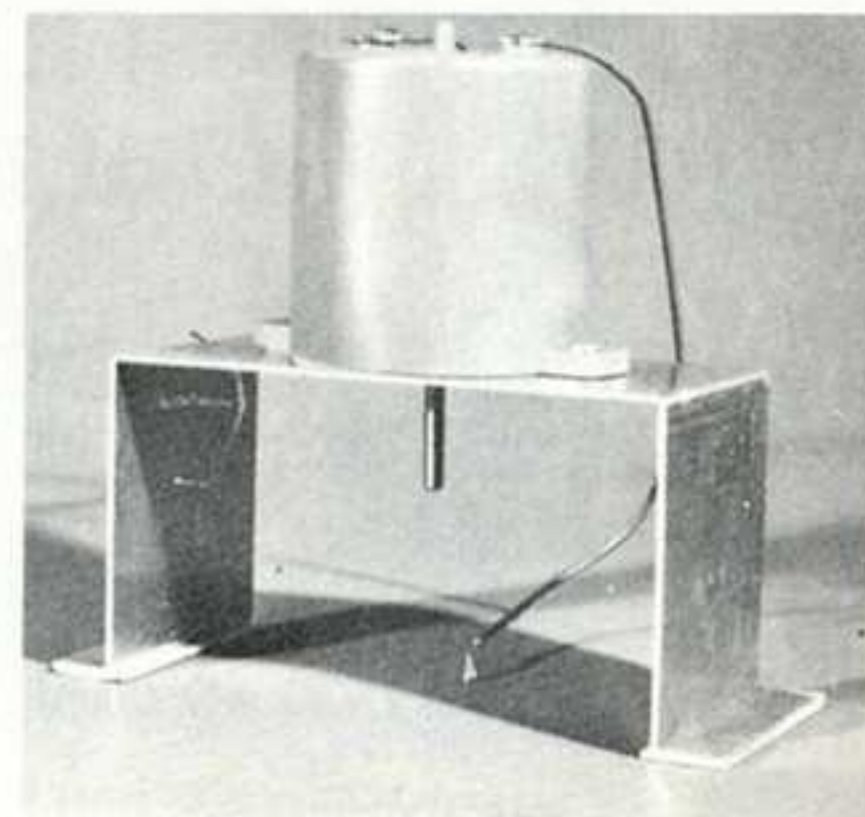
#### ■ COMMON 'N' SCALE REPAIR PARTS

Bettendorf Freight Car Trucks (1940-1960's).....0001-00TN51  
Roller Bearing Freight Car Trucks (1960-1980's).....0001-00TN53  
Long Shank Roller Bearing for 90 Ft Flatcars.....0001-00TN54  
Passenger Car Trucks (for 4000 series).....0001-00TN55  
Express Freight Car Trucks (1940-1970's).....0001-00TN57  
'N' Scale Brass Wheelsets (8 pak).....0001-00TN61  
Con-Cor "Split" Truck Mounting Pins.....0001-00TN64  
Con-Cor "Solid" push pin Truck Pins.....0001-00TN65  
Standard 'N' Couplers w/Springs.....0001-00TN66  
Replacement Coupler Springs Only....0001-00TN67

### Turntable Motorizing Kit

To compliment our HO and N Scale Turntables, we offer a motorizing unit, which includes an American made 12 volt motor, rated at 1 RPM, an aluminum mounting bracket, a reversing switch for the motor's direction, and a set of fittings to connect the motor shaft to the turntable bridge. The same basic unit is used for both HO and N, but the bracket is different, so make sure to order the correct kit.

NOTE: Some care must be used in assembly. Also, this is not an automatic indexing unit(which would cost over \$100.00), but rather relies on your 'eye-balling' the alignment, you will find you get pretty good at it after a bit of practice.



#### ■ TURNTABLE MOTORIZING KITS

HO Motorizing Kit.....0002-001804  
N Motorizing Kit.....0002-001646



**Miscellaneous Stuff, Cont.-**

**' N ' 200 Ton WRECKING CRANE**

Accidents do happen, and some of the Railroad wrecks can be most spectacular. We don't wish your railroad any bad luck, but we recommend you have a Wrecking Crane " At the ready " just in case.

Cranes on the railroad can also be used for construction of bridges and other heavy duty repairs....so they are used for other things than just waiting for an accident to happen.

Our Wrecking Crane is a model of a 200 Ton heavy duty Crane built for the old Pennsylvania Railroad in the 1950's. It is fully operating and offers the following FEATURES:

- ★ Fully Operating Boom, up-down, side to side
- ★ Crane cabin rotates in all directions
- ★ Authentic Railroad colors and lettering
- ★ Couplers compatible with all brands of N trains



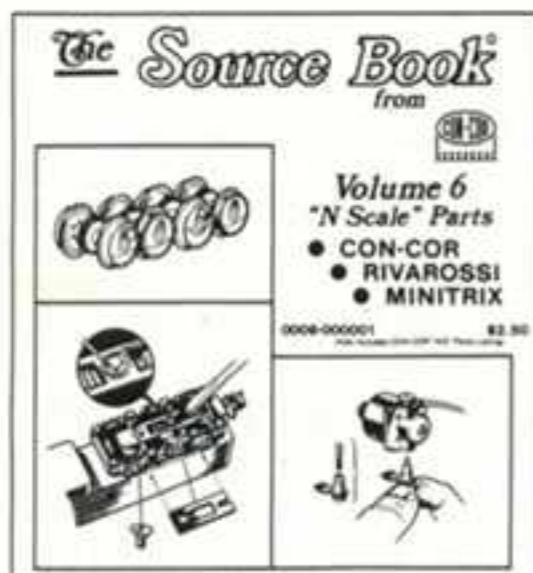
If you are interested in Railroad Wrecks, we recommend the following books:  
 Train Wrecks for Fun/Profit #0100-012776  
 Train Wrecks #0100-012275  
 Tragic Train #0100-012200

■ N 'Wrecking Cranes with Work Flatcar  
 Great Northern.....0003-06020A  
 Santa Fe.....0003-06020B  
 Union Pacific.....0003-06020C  
 Southern Pacific.....0003-06020D  
 Conrail.....0003-06020E  
 Pennsylvania.....0003-06020G

Burlington Northern.....0003-06020H  
 Southern Ry.....0003-06020J  
 Chessie System.....0003-06020K  
 Denver & Rio Grande.....0003-06020L  
 Chicago & Northwestern.....0003-06020M

(Also see Amtrak Work Train Set, page 78.)

**Parts Catalog**



We do not offer a factory Repair Service, however most Hobby Shops have a Repair Dept. for their customers, or can direct you to a local person who does repairs.

Once you have been involved in Model Railroad-ing for a little while you will find most repairs you can do yourself. We offer a parts catalog that lists all the common parts needed for our models.

In some cases, such as Steam Locomotives, we offer only sub-assemblies for repair..which actually make it easier for you as you can then replace a whole assembly, without having to worry about tiny rivets, or adjustments that are hard to do without the type of assembly 'jigs' used at the factory.

Also we have to point out that while we try to have commonly requested parts on hand all the time it is really impossible to do so for 2 reasons:  
 1) We do change designs on models occasionally which involves changing moulds, thus it is impossible to make the 'old version' of the part anymore in the future. Before making the change, we run a surplus of parts, but eventually they will be no more.  
 2) Extra parts can only be produced at the time of a production run on the item, it is not possible to put moulds into a machine to run only 50 or 100 spare parts..therefore sometimes we guess wrong and run out before the next production run is available. We apologize for inconvenience.

(Note: Sometimes modelers find old models at Flea markets and the like and then hope to get parts from us...unfortunately any of our models that are over 5 years old..do not expect to be able to get parts from us, Sorry.)

**LaBelle Engineers & Firemen**

These Miniature Crewmen can be used to dress up your Trains. Figures are positioned so you can glue them inside the Locomotive cab, and have parts of their heads or arms out the window.



**Set #1**  
 HO Engineer/Fireman (2 pc painted).... 0430-007001  
 N Engineer/Fireman (2 pc painted).... 0430-007501



**Set #2**  
 HO Engineer/Fireman (2 pc painted).... 0430-007002  
 N Engineer/Fireman (2 pc painted).... 0430-007502

**UNPAINTED ENGINEER/FIREMEN**

We offer the Engineer/Firemen figures for those who may wish to paint them by themselves.

■ UNPAINTED ENGINEER/FIREMEN SETS  
 HO Set of 4 Engineer/Firemen ..... 0430-007004  
 N Set of 4 Engineer/Firemen ..... 0430-007504

**Look Into Joining the NMRA**

The National Model Railroad Association (NMRA) is an international group of tens of thousands of Model Railroaders who all share an interest in Trains and Model Railroad-ing. Founded over 50 years ago, the NMRA has established standards for Track and Rolling Stock which all the major manufactures use.

In addition, the NMRA has both National and Regional Conventions for Model Railroaders. The conventions are family affairs and include such events as Model Building Contests; Clinics on 'How To' by famous Authors and Staff members from the various Model magazines; Railfan Trips to railroad facilities; visits to Model Railroad Club layouts, and home layouts in the area; etc.

For more information write today to:

National Model Railroad Association, Inc.  
 4121 Cromwell Road  
 Chattanooga, Tn 37421

# Labelle industries

## LaBelle Lubricants For Model Railroaders

### The finest Available

LaBelle Lubricants have been the preferred choice of Model Railroaders for over 25 years. Many of the Top *Expert* Model Railroaders even recommend them by name in Magazine articles they write.

LaBelle Lubricants are formulated from the finest raw materials available from the chemical and petroleum industries and are specifically formulated for the miniature motors and tiny gears found on Model Railroads.

Many of the LaBelle Lubricants recommended for Model Railroaders are exactly the same as used by NASA in the space program; Ford Motor Corp.; Chrysler Corp.; Singer/Fredon & Wurlitzer.

LaBelle Lubricants were some of the very first in the USA to include micro-Teflon™ mixed directly into the Lubricant.

Don't be fooled, don't be talked into a Cheaper Substitute!

Your Model Railroad Locomotives deserve the finest to make sure they operate to their optimum potential.

#### SUGGESTED USES:

- #101 Very Light oil for instruments, meters, outdoor controls, miniature motors.
- #102 Very Stable Gear oil for musical instrument keys, fishing reels, business machines, gears, shock absorbers of Radio Controlled race cars.
- #104 Synthetic oil for small appliances, movie and slide projectors, electric shavers, clippers, clocks, tape decks, and turntables.
- #106 Grease with *TEFLON*™\* added, useful for bicycles and riding toys, sewing machines, mechanical toys, typewriters, model railroads, business machines, gear sets of Radio Control equipment, A-arm pivot points and rear axle pivot points of Radio Control race cars.
- #107 Multi-purpose oil (medium). For fractional horsepower motors, bearings, sewing machines, reels, power tools, fans, HO and larger model trains as well as steering points, motor bushings, bearings and axle shafts of Radio Control race cars.
- #108 Multi-purpose oil (light). Used for HO & N model trains, household doors and windows, drawer slides, precision instruments, office machines, model race cars, timers.
- #110 Synthetic multi-purpose grease with *TEFLON*™\*. Used for business machines, gear boxes, tools, bearings, clocks, ratchet drives for multi-speed bicycles, power tools, recorders, and motors.
- #134 Micro-Powdered *TEFLON*™\* dry lubricant. A CLEAN white non-staining powdered *TEFLON*™ for drawers, hinges, garden tools, zippers, small gear sets, toys, model trains and race cars, unlimited uses.
- #135 Micro-powdered Graphite. Uses include locks, tools, guns, reels, latches, wheels, slides, clocks, hinges, windows, doors, drawers, unlimited uses.

\*TEFLON™ is a registered Trademark of the I. E. DuPont Company

#### YOUR PRINTER DESERVES THE BEST!

Your computer printer is perhaps the most vulnerable component of your whole computer system. It has the most moving parts and you depend on it to do a lot of work.

With proper care you can prolong the life of your printer and give it a chance to perform as it was designed to do for years to come.

#### LABELLE #201 HI-TECH LUBRICATING OIL FOR COMPUTER PRINTERS

Designed specifically for the computer printer, you can now invest in the increased life and effectiveness of your printer by asking your dealer for some, TODAY!

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LaBelle has available an 8 page booklet on how to properly clean and lubricate your Model Trains. Booklet is Free at your local dealers, or send us 2 First Class postage stamps for your personal copy.



#### MODEL RAILROAD LUBRICANTS

- Very Light Multi-purpose Oil. ....0430-000101
- Plastic compatible Gear Lubricant. ... 0430-000102
- Multi-purpose Oil, Medium. ....0430-000104
- Plastic compatible Grease w/Teflon™ 0430-000106
- Plastic compatible Oil, HO, O, G scales 0430-000107
- Plastic compatible Oil, N, Z, small HO 0430-000108
- Miniature Racing Car Oil.....0430-000111
- Micro-Fine Teflon™ Powered Lube. .... 0430-000134
- Micro-Fine Graphite Powder.....0430-000135

#### MODEL RAILROAD LUBRICANT KITS

- Kit for HO/O/S/G-LGB/also Lionel.....0430-001001
- Kit for N & Z Scale.. ....0430-001002
- Kit for Radio Control Cars,Airplanes etc 0430-001003

NOTE: Some Lubricants packed with an inner seal to avoid leakage during shipping. Carefully unscrew cap and remove inner seal, then replace cap.





Con-Cor International  
PO Box 328  
Bensenville, Illinois 60106

## Model Railroading... The World's Greatest Family Hobby

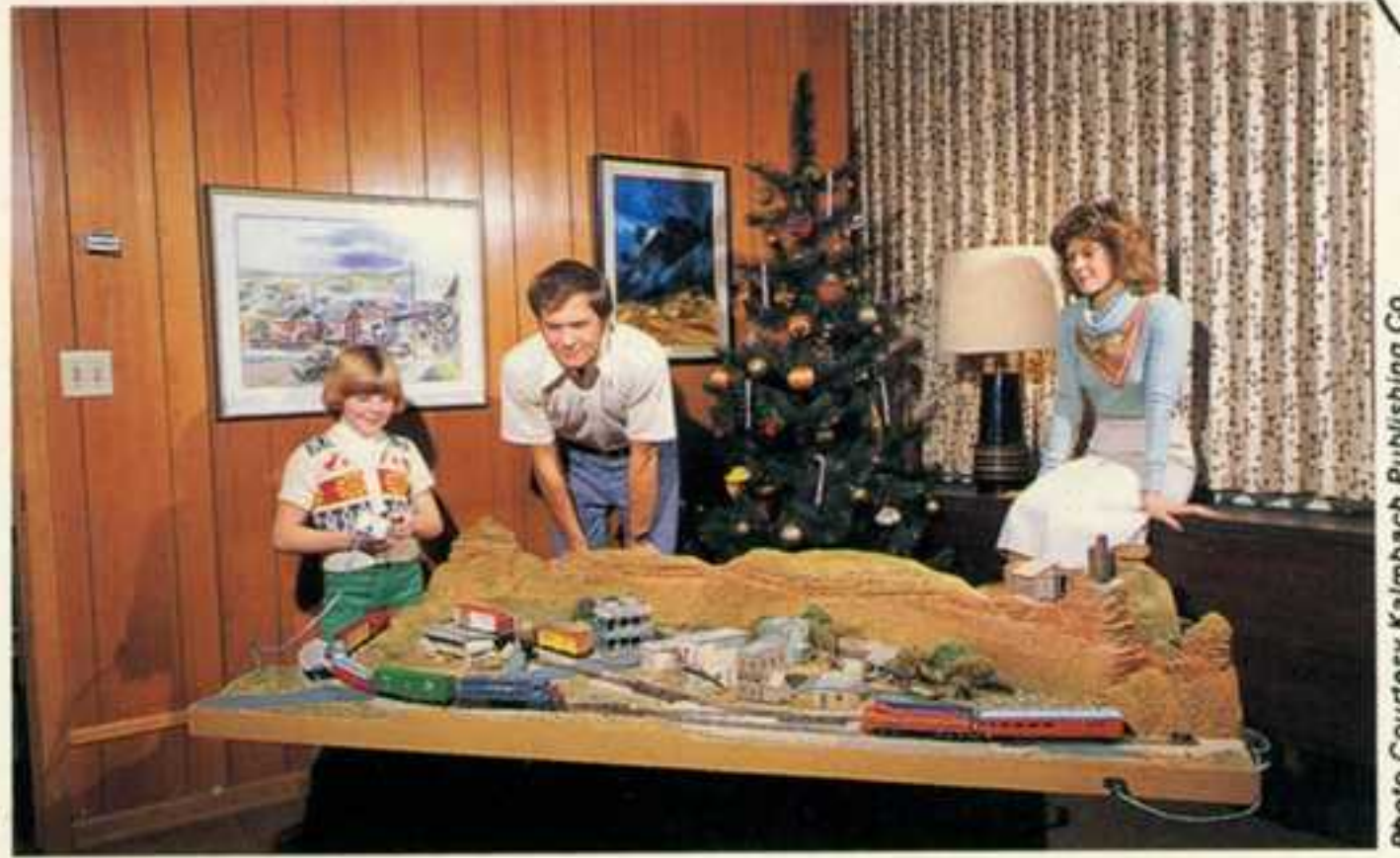


Photo Courtesy Kalmbach Publishing Co.

### CASEY JONES TRAIN -The Big Train For Little Hands



**USE INDOORS OR OUTDOORS\*--  
LOTS OF PLAY VALUE-- EXPANDABLE**

The CASEY JONES Train set has every feature you could ask for in a train of it's size. It has tremendous play value for children. It is battery operated and can be used inside the house, or out in the garden...extra track is available to expand your garden layout to any size you wish.

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If you are a railroad employee or just a railroad fan....we offer a wide selection of gifts for home office, or railroad den.

1962 **25** YEARS 1987

### See Inside:

Complete information on 'G'; 'O'; 'HO' and 'N' Scale Model Railroading in easy to follow step by step format.



Complete listing on all the Books and Video Tapes you need to start building your own Model Railway.  
Complete assortment of Locomotives, Cars, Track, Structures and Accessories for all the popular size model trains.  
...and More, Much More!!

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Because no Childhood should be without a Train