

TICHY TRAIN GROUP

MADE IN THE U.S.A.



SUPER MODELING JUST FOR THE FUN OF IT

HO
Scale

SIGNS



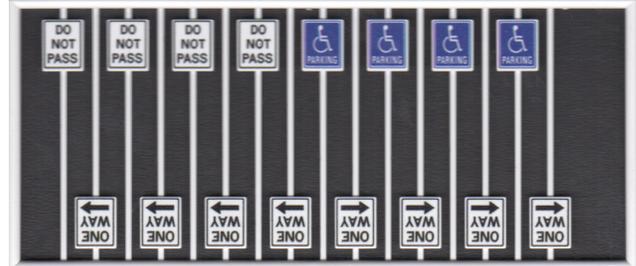
MODERN STOP SIGN (POST1954) IT IS MOLDED IN RED PLASTIC WITH WHITE PRINTING. THE POLES ARE MOLDED WITH THE SIGN.

#8247 15 PCS \$4.95



EARLY STOP SIGN (PRE 1954) IT IS MOLDED IN YELLOW PLASTIC WITH BLACK PRINTING. THE POLES ARE MOLDED WITH THE SIGN.

#8248 15 PCS \$4.95



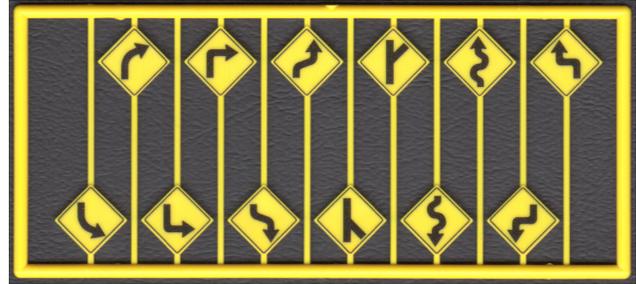
MISCELLANEOUS ROAD SIGNS
4 EA OF 4 DIFFERENT. THEY ARE MOLDED IN OFF WHITE STYRENE WITH BLACK PRINTING. THE POLES ARE MOLDED WITH THE SIGN AND THE SIGN IS SCALE SIZE AND THICKNESS.

#8262 16 PCS \$4.95



HIGHWAY PICTURE WARNING SIGNS.
SIX DIFFERENT STYLES, 2 OF EACH. THEY ARE MOLDED IN YELLOW STYRENE WITH BLACK PRINTING. THE POLES ARE MOLDED WITH THE SIGN AND THE SIGN IS SCALE SIZE AND THICKNESS.

#8253 12 PCS \$4.95



HIGHWAY ROAD PATH WARNING SIGNS
TWELVE DIFFERENT STYLES. THEY ARE MOLDED IN YELLOW STYRENE WITH BLACK PRINTING. THE POLES ARE MOLDED WITH THE SIGN AND THE SIGN IS SCALE SIZE AND THICKNESS.

#8254 12 PCS \$4.95



MORE HIGHWAY ROAD PATH WARNING SIGNS
TWELVE DIFFERENT STYLES. THEY ARE MOLDED IN YELLOW STYRENE WITH BLACK PRINTING. THE POLES ARE MOLDED WITH THE SIGN AND THE SIGN IS SCALE SIZE AND THICKNESS.

#8255 12 PCS \$4.95



HIGHWAY WRITTEN WARNING SIGNS
TWELVE DIFFERENT STYLES. THEY ARE MOLDED IN YELLOW STYRENE WITH BLACK PRINTING. THE POLES ARE MOLDED WITH THE SIGN AND THE SIGN IS SCALE SIZE AND THICKNESS.

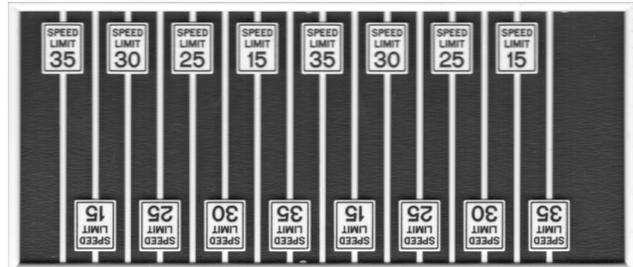
#8256 12 PCS \$4.95

SIGN ASSORTMENTS

#8257 1 EA 8247 & 8252 - 8256 \$24.00

#8258 1 EA 8248 & 8252 - 8256 \$24.00

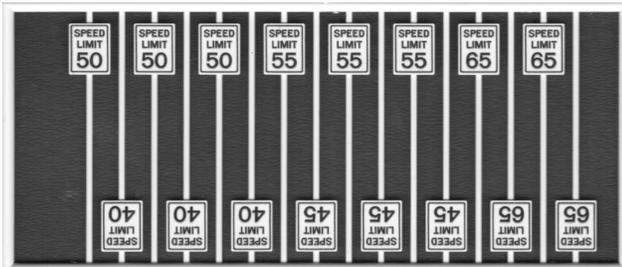
#8264 1 EA 8259 - 8263 \$20.00



HIGHWAY SPEED LIMIT SIGNS

4 EA OF 15, 25, 30 & 35 MPH. THEY ARE MOLDED IN OFF WHITE STYRENE WITH BLACK PRINTING. THE POLES ARE MOLDED WITH THE SIGN AND THE SIGN IS SCALE SIZE AND THICKNESS.

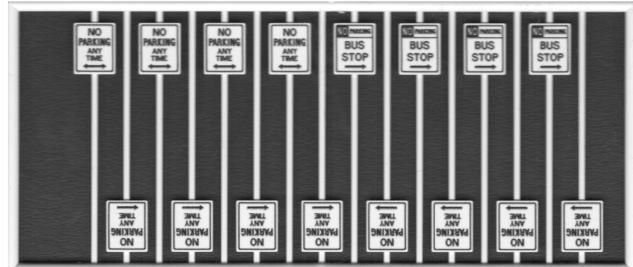
#8259 16 PCS \$4.95



HIGHWAY SPEED LIMIT SIGNS

3 EA OF 40, 45, 50 & 55 MPH. 4 OF 65 MPH. THEY ARE MOLDED IN OFF WHITE STYRENE WITH BLACK PRINTING. THE POLES ARE MOLDED WITH THE SIGN AND THE SIGN IS SCALE SIZE AND THICKNESS.

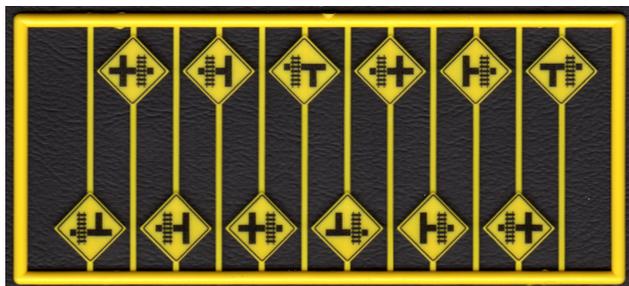
#8260 16 PCS \$4.95



NO PARKING SIGNS

4 DIFFERENT, 4 EACH. THEY ARE MOLDED IN OFF WHITE STYRENE WITH BLACK PRINTING. THE POLES ARE MOLDED WITH THE SIGN AND THE SIGN IS SCALE SIZE AND THICKNESS.

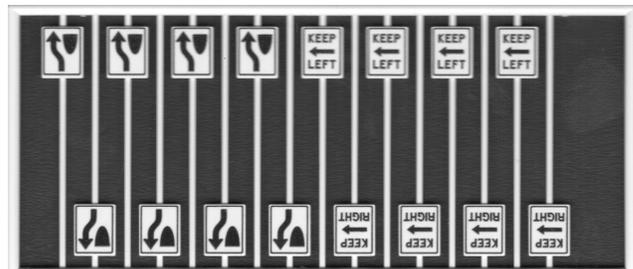
#8261 16 PCS \$4.95



HIGHWAY GRADE CROSSING WARNING SIGNS

SIX DIFFERENT STYLES, 2 OF EACH. THEY ARE MOLDED IN YELLOW STYRENE WITH BLACK PRINTING. THE POLES ARE MOLDED WITH THE SIGN AND THE SIGN IS SCALE SIZE AND THICKNESS.

#8252 12 PCS \$4.95



MORE MISCELLANEOUS ROAD SIGNS

4 EA OF 4 DIFFERENT. THEY ARE MOLDED IN OFF WHITE STYRENE WITH BLACK PRINTING. THE POLES ARE MOLDED WITH THE SIGN AND THE SIGN IS SCALE SIZE AND THICKNESS.

#8263 16 PCS \$4.95

SIGNS



MODERN RR WARNING SIGN
IT IS MOLDED IN YELLOW PLASTIC WITH BLACK PRINTING. THE POLES ARE MOLDED WITH THE SIGN. SIGN IS SCALE SIZE AND THICKNESS.

#8176 20 PCS \$4.95



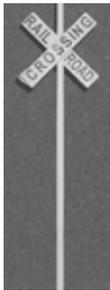
EARLY RR WARNING SIGN (PRE 1950)
IT IS MOLDED IN YELLOW PLASTIC WITH BLACK PRINTING. THE POLES ARE MOLDED WITH THE SIGN. SIGN IS SCALE SIZE AND THICKNESS.

#8177 10 PCS \$4.95



VERY EARLY CROSSING WARNING SIGN (1900-1930) MOLDED IN WHITE STYRENE WITH BLACK PRINTING.

#8309 10 PCS \$4.95



A MODERN RR CROSSING SIGN
IT IS MOLDED IN WHITE PLASTIC WITH BLACK PRINTING. THE POLES ARE MOLDED WITH THE SIGN. SIGN IS SCALE SIZE AND THICKNESS.

#8178 20 PCS \$4.95



EARLY RR CROSSING SIGN
IT IS MOLDED IN WHITE PLASTIC WITH BLACK PRINTING. THE POLES ARE MOLDED WITH THE SIGN. SIGN IS SCALE SIZE AND THICKNESS.

#8179 10 PCS \$4.95



A CANADIAN RR CROSSING SIGN
IT IS MOLDED IN WHITE PLASTIC WITH BLACK PRINTING. THE POLES ARE MOLDED WITH THE SIGN. SIGN IS SCALE SIZE AND THICKNESS.

#8180 10 PCS \$4.95



EARLY RR WHISTLE POST
THEY WERE PLACED TRACKSIDE PRIOR TO A CROSSING AS A REMINDER TO THE ENGINEER. IT IS MOLDED IN WHITE PLASTIC WITH BLACK PRINTING.

#8182 36 PCS \$4.95



MODERN RR WHISTLE POST
THEY ARE PLACED TRACKSIDE PRIOR TO A CROSSING AS A REMINDER TO THE ENGINEER. IT IS MOLDED IN WHITE PLASTIC WITH BLACK PRINTING.

#8183 36 PCS \$4.95



NP RR WHISTLE POST
THEY ARE PLACED TRACKSIDE PRIOR TO A CROSSING AS A REMINDER TO THE ENGINEER. IT IS MOLDED IN WHITE PLASTIC WITH THE "W" OPEN IN THE SIGN.

#8235 16 PCS \$3.50



CONCRETE MILEPOST MARKERS. THEY WERE PLACED TRACKSIDE TO GIVE ENGINEERS AND TRACKWORKERS AN EASY LOCATION REFERENCE. THEY ARE MOLDED IN WHITE PLASTIC WITH BLACK PRINTING.

#8184 #'s 1 - 50 \$7.95

#8246 #'s 51 - 100 \$7.95

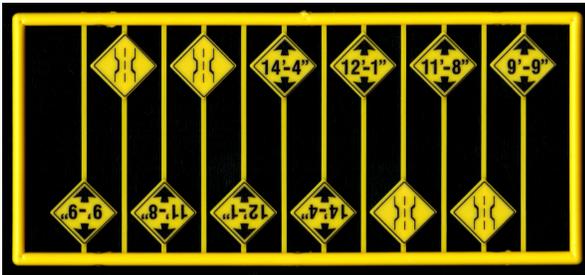
#8286 #'s 101 -350 \$30.00

#8287 #'s 351 -600 \$30.00

#8288 #'s 601 -850 \$30.00

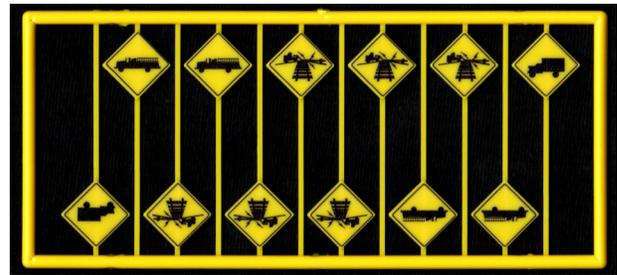
SIGNS

5



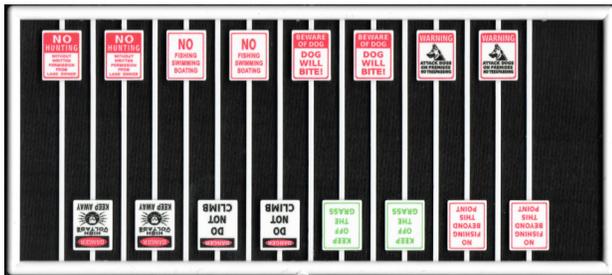
HIGHWAY BRIDGE WARNING SIGNS
5 DIFFERENT STYLES. THEY ARE MOLDED IN YELLOW STYRENE WITH BLACK PRINTING. THE POLES ARE MOLDED WITH THE SIGN AND THE SIGN IS SCALE SIZE AND THICKNESS.

#8298 12 PCS \$4.95



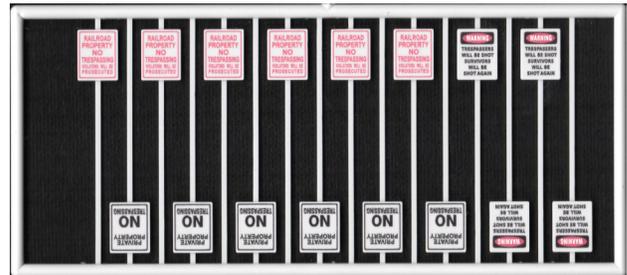
HIGHWAY PICTURE WARNING SIGNS
3 DIFFERENT STYLES. THEY ARE MOLDED IN YELLOW STYRENE WITH BLACK PRINTING. THE POLES ARE MOLDED WITH THE SIGN AND THE SIGN IS SCALE SIZE AND THICKNESS.

#8299 12 PCS \$4.95



WARNING SIGNS
8 DIFFERENT, 2 EACH. THEY ARE MOLDED IN OFF WHITE STYRENE WITH COLOR PRINTING. THE POLES ARE MOLDED WITH THE SIGN AND THE SIGN IS SCALE SIZE AND THICKNESS.

#8314 16 PCS \$4.95



NO TRESPASSING SIGNS
3 DIFFERENT. THEY ARE MOLDED IN OFF WHITE STYRENE WITH COLOR PRINTING. THE POLES ARE MOLDED WITH THE SIGN AND THE SIGN IS SCALE SIZE AND THICKNESS.

#8315 16 PCS \$4.95



PRR KEYSTONE WHISTLE POST
MOLDED IN WHITE STYRENE WITH BLACK PRINTING.

#8296 18 PCS \$6.00



PRR KEYSTONE RING POST
MOLDED IN WHITE STYRENE WITH BLACK PRINTING.

#8297 18 PCS \$6.00

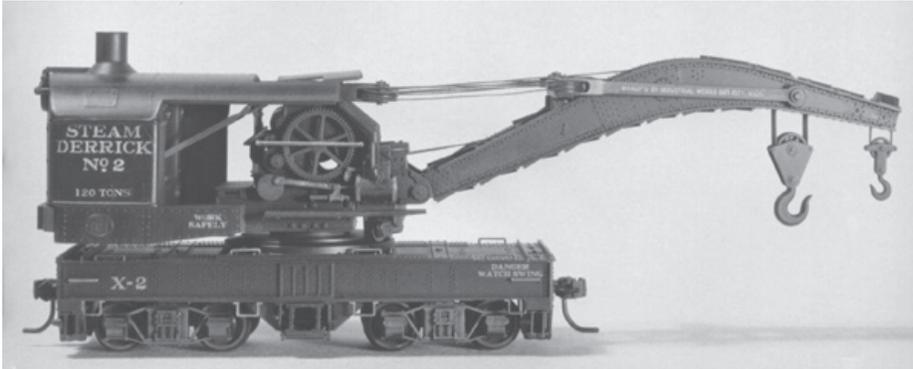


FLANGER WARNING SIGN
IT WAS PLACED NEXT TO THE TRACK TO WARN SNOW PLOW CREWS OF OBSTRUCTIONS LIKE CROSSINGS. IT IS MOLDED IN BLACK PLASTIC. THE POLES ARE MOLDED WITH THE SIGN. SIGN IS SCALE SIZE AND THICKNESS.

#8181 32 PCS \$4.95

MOW CAR KITS

120 ton Industrial Brownhoist Steam Wrecking Crane



This exciting kit described by the Japanese magazine TRAIN as “the finest plastic kit to ever come from America”, contains over 200 perfectly fitting parts-but don’t let that scare you! Superb instructions assist in a fun-filled 10-12 hour assembly into the most perfect miniature replica ever. Prototype photos show many of the prototype variations possible. A challenge, but not a hassle. Try our most super SUPERKIT!

Used by almost all railroads. Many are still in service. Some under steam, others converted to diesel. Era is 1909 to the present.

KIT 4010 \$29.50

Includes trucks, no couplers/decals

**TICHY
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Boom Car

Era 1927 to present

A necessary companion to our crane. This super-detailed car is typical of those “home-built” in the company shops. Easily modified to suit your own needs or favorite prototype. The kit includes accessory items such as slings, hooks and spreader bars.

A welcome addition to your wrecking train.

KIT 4022 \$16.50

6022 SIX CARS/KITS \$85.00 Includes trucks, no couplers/decals

**TICHY
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Handcar and Trailer - 6 Sets



This kit builds six handcars and 6 trailers. The handcars can be built with or without benches. Versions with benches were used in yards, terminals, and at construction sites to transport people. Ones without, were used for track inspection. Trailers were used to transport materials. Used in all eras.

KIT 4011 \$10.50

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FREIGHT CAR KITS

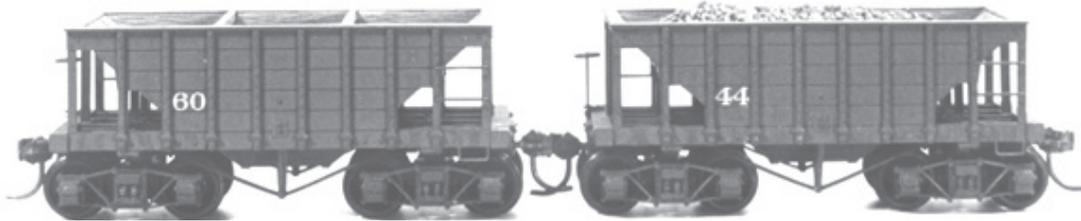
7

22' Wood Ore Cars

Era 1900 to 1935

A true classic! This heavy duty "Great Lakes" ore car captures the familiar look of eastern and western mining. A ten car train is only 33" long; perfect for the tight curves and steep grades of period modeling.

These fun kits take about 30 minutes each to build and are a great introduction to plastic modeling.



4012 Two cars/kit, \$16.50

6012 Twelve cars/kit \$85.00 Less couplers/decals

**TICHY
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Tank Car

Era 1918 to 1955

This car is typical of the "industry standard" tanker. They were used for decades to haul crude oil, often in long tanker trains-"the pipeline across America" in the age before Supertankers.

Produced to the USRA basic design, variations of this car were made by a number of carbuilders. This kit features the 54" dome with optional man-hole covers and molded end handrails.

Some are still in non revenue service.



4020 \$16.50

6020 Six cars/kit \$85.00 Less couplers/decals

**TICHY
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Tank Car

Era 1918 to 1955

Similar to #4020, but features the larger and much more common 60" dome.

Some are still in non revenue service.



4025 \$16.50

6025 Six cars/kit \$85.00 Less couplers/decals

**TICHY
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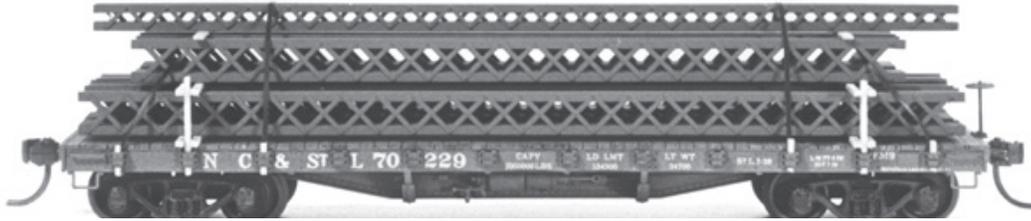
FREIGHT CAR KITS

Flat Car

Era 1926 to the late 1950's

This 40', 50 ton car was built in 1926 by AC&F - typical of the heavy duty flats from that time. The kit features a complete underframe and super realistic deck that you won't want to replace! Instructions include painting and deck weathering techniques.

This kit proves that even a "lowly" flat car can be exciting to build.



4021 \$10.50

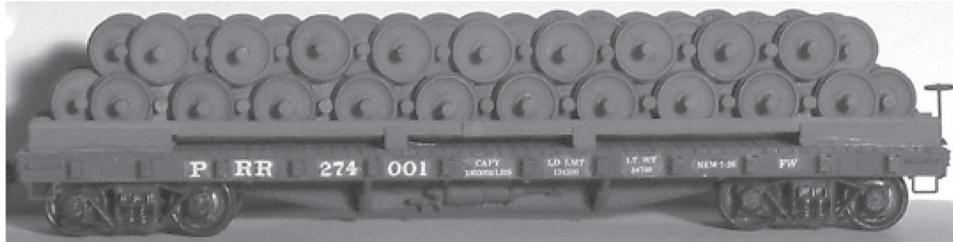
6021 Six cars/kit \$55.00 Less couplers/decals/Central Valley bridge girder load.

**TICHY
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GROUP**

Wheel Car

Era 1930 to Present

These cars were converted in their own shops by the Milwaukee and other roads from flat cars to transport wheelsets for company use. Our freelance model closely follows a group of cars the Milwaukee converted in the 1930's. Forty scale wheelsets are included.



4023 \$16.50

6023 Six cars/kit \$85.00 Less couplers/decals

**TICHY
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PFE Wood Reefer

Era 1928 to 1960's

For many years, one of the most "awe-inspiring" sights in railroading was the mile long "reefer block". It was pulled by the most powerful locomotives in history, rushing fresh produce across America in a bright ribbon of color. This kit builds the R-40 as operated by the SP/UP and WP railroads. Kit will build classes R-40-4, R-30-9 and by using the drill jig with your grabirons R-30-13 & R-40-2.



4024 \$16.50

6024 Six cars/kit \$85.00 Less couplers/decals

**TICHY
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USRA Single Sheathed Box Car

Era 1918 to the late 1950's

Built under the mandate of the USRA, these composite (wood/steel) cars were rugged, versatile and popular. 25,000 were built by over a dozen carbuilders for more than twenty railroads, overlapping well into the "steel" age. Some were in non-revenue service as late as 1965.



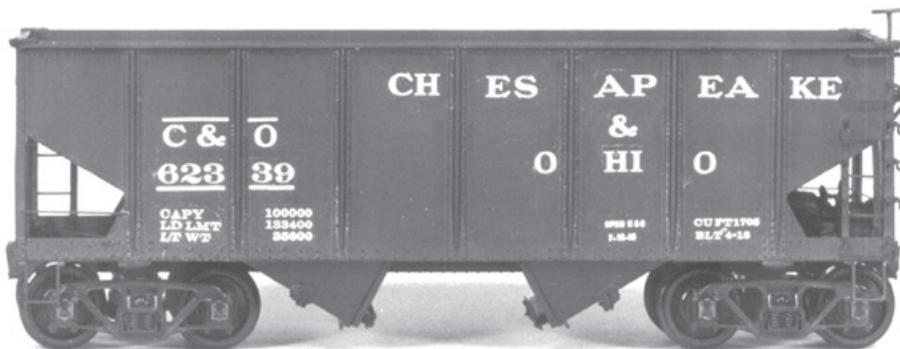
4026 \$16.50

6026 Six cars/kit \$85.00 Less couplers/decals

**TICHY
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USRA 55 Ton 2 Bay Hopper

Era 1918 to 1972



These all steel hoppers were the most enduring of all the USRA designs. 22,000 were built for 23 railroads. In addition, the basic design was adopted as standard by the ARA in 1922. Cars remained in service through at least 1972.

4027 \$16.50

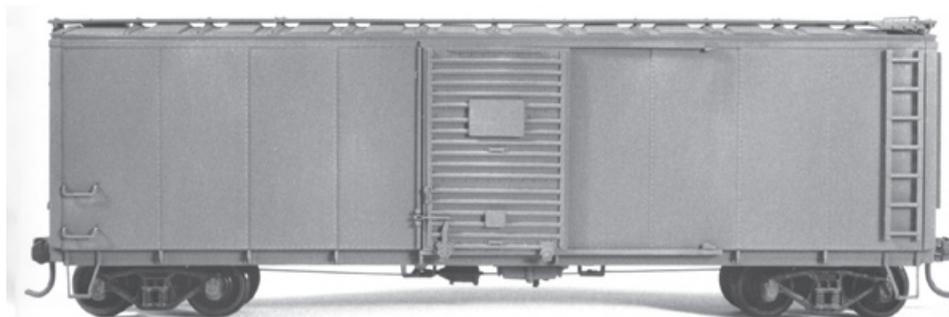
6027 Six cars/kit \$85.00 Less couplers/decals

**TICHY
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USRA Box Rebuilt With Steel Sides

Era 1938 to 1975

Less couplers/decals



These cars were rebuilt during the late 30's through the 40's from USRA single sheath box-cars through the use of standard side assemblies supplied by the Youngstown Company. Includes both ribbed and non-ribbed extended ends. AB brake gear is included.

4028 \$16.50

6028 Six cars/kit \$85.00

4028D \$18.50

6028D \$95.00

D versions include P&LE & PMcK&Y Decals

**TICHY
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GROUP**

FREIGHT CAR KITS

Panel Side USRA Hopper

Era 1930's to the 1970's

When USRA hoppers became due for rebuilding in the 30's and 40's, many roads elected to replace the flat sides with panel sides, resulting in a capacity increase of 80 cu. ft.

The "D" version includes a decal covering the C&O, D&H, and New Haven. Includes both K and AB brake systems.



4029 \$16.50

4029D \$18.50

6029 Six cars/kit \$85.00

6029D \$95.00 Less couplers

**TICHY
TRAIN
GROUP**

USRA SS Rebuilt With Ribbed Steel Sides

Era 1930's to 1970's



The Georgia RR and several other railroads chose to upgrade their USRA SS cars with steel plates welded to the inside of the bracing in place of the original wood. This was a quick and inexpensive method of obtaining an all steel car. It did not increase the interior capacity as much as the Youngstown sides and ends. AB brakes are included. "D" versions include a Georgia RR decal.

4032 \$16.50

4032D \$18.50

6032 Six cars/kit \$85.00

6032D \$95.00 Less couplers

**TICHY
TRAIN
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Panel Hopper Converted For Grain Use

Era 1961 to 1983



This car is representative of a series of 114 cars (#'s 131 to 244) acquired by The Andersons Company in 1961 and used in grain transport. Since grain is lighter than coal, the sides were extended to increase the cubic capacity. A canvas cover protected the grain. A cast resin top and custom decal are included. These cars were painted silver and based in Maumee, Ohio. The last ones were retired in 1983.

4031 \$20.50

6031 Six cars/kit \$105.00 Less couplers

**TICHY
TRAIN
GROUP**

Cement Car USRA Conversion

Era 1934 to the 1970's



In 1934, the D&H converted 30 SS USRA boxcars to carry bulk cement with the addition of roof hatches, wine discharge gates and interior slope sheets. They were in the # series 17001 - 17500. The B&O also converted 40 cars numbered from 287000 - 287039. After 1960, these cars were used in company sand service with the D&H operating at least one into 1985. "D" versions include a D&H decal, see decal section for B&O decals.

4030 \$16.50 4030D \$18.50
 6030 Six cars/kit \$85.00 6030D \$95.00 Less couplers

**TICHY
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Canadian Pacific USRA Clone

Era 1921 to 1980's



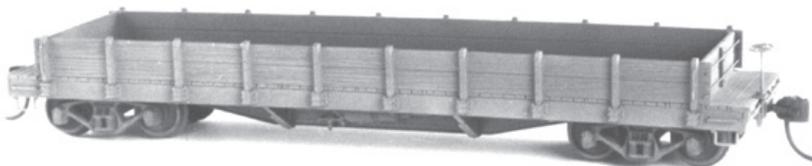
In 1921, the Canadian Pacific RR built a fleet of 3500 SS USRA copies. They were identical with the USRA standard except for the use of 7/8 ends instead of the 5/5/5 end. As built, they had grain unloading hoppers under the doors, but these quickly disappeared. This kit represents the post 1940 version with no grain doors, AB brakes, 7/8 ends and Bettendorf trucks. A CP decal is included.

4034D \$18.50
 6034D Six cars/kit \$95.00 Less couplers

**TICHY
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Flat Car / Low Side Gondola

Era 1917 to 1968



In 1917, 1000 40 foot, 40-ton steel frame flat cars were built for the ACL RR to a standard design with 10 stake pockets. (4021 is the later 50 ton design with 11 stake pockets) Similar cars were built for most RR's. Many were converted to low side gondolas by the addition of stakes and planking. You can build the kit as either a flat or the gondola. "D" versions include an ACL decal.

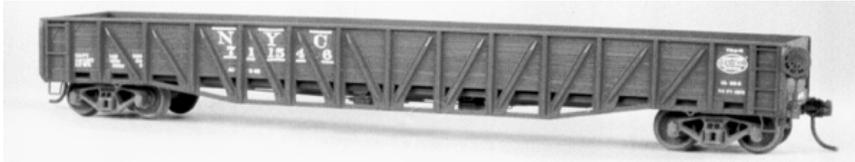
4040 \$16.50 4040D \$18.50
 6040 Six cars/kit \$85.00 6040D \$95.00 Less couplers

**TICHY
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 GROUP**

FREIGHT CAR KITS

53' War Emergency Gondola

Era 1943 to the 1970's



These cars were built during WWII and were designed to use a minimum amount of steel due to wartime shortages. They remained in revenue service through the 70's and remain in mw service today. They were owned by the PRR, NYC, C&O, N&W, SANTA FE, IHB, MC, CNJ, LV and the READING among others. They were primarily used as mill gons to transport structural steel and other large and bulky items. Eventually, most had their wood sides replaced with steel plate. "D" versions contain a decal for PRR & NYC.

4041 \$16.50

4041D \$18.50

6041 Six cars/kit \$85.00

6041D \$95.00 Less couplers

**TICHY
TRAIN
GROUP**

40' Pulpwood Flat

Era 1930's to present



These cars were used to carry pulpwood (small diameter logs of no other commercial value that were used to make paper). They were converted from old flatcars by the addition of a steel deck sloped to the center and bulkhead ends. They were used by the ACL, SEABOARD, SOUTHERN and many other roads that had logging operations in their service area. "D" versions contain an ACL decal.

4042 \$16.50

4042D \$18.50

6042 Six cars/kit \$85.00

6042D \$95.00 Less couplers

**TICHY
TRAIN
GROUP**

Stump Car

Era 1970 to present



Both the ACL and the SCL converted pulpwood cars into stump cars. These were used used to haul stumps from logging operations to chemical plants that extracted chemicals from the pine tar in them. The conversion was done simply by using steel plates with a pair of angles reinforcing the top edge and channels for vertical support. The gap between the plates and the deck allowed debris to be swept out easily. "D" versions contain a SCL decal.

4043 \$16.50

4043D \$18.50

6043 Six cars/kit \$95.00

6043D \$105.00 Less couplers

**TICHY
TRAIN
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53' 6" GSC Flat Car

Era 1950 to the present



These cars were built from one piece castings supplied by the General Steel Casting Corp. All the RR added was a deck, trucks, brake gear and safety appliances. Because of their one piece design, these cars were extremely long lived. Most RR's had them. This is a beginners kit and does not include brake gear as it is not visible.

**TICHY
TRAIN
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1000 \$12.00 Less couplers

DECALS FOR OUR KITS

KIT #.....	DECAL #
1000.....	10001, 10009
4010, 4022, 4040.....	10142, 10156, 10159, 10162
4020, 4025.....	10013, 10020, 10039, 10042, 10043, 10044, 10045, 10046, 10047, 10048, 10049, 10050, 10051, 10052, 10053, 10080, 10145
4012.....	10170
4021, 4023.....	10143
4024.....	10144, 10157, 10160, 10163, 10164,
4026.....	10165, 10166, 10167, 10168
4027, 4029.....	10025, 10026, 10027, 10029, 10030, 10031, 10032, 10033, 10034, 10075, 10103, 10147
4028.....	10035, 10041, 10061, 10062, 10063, 10064, 10065, 10146
4030.....	10148, 10158, 10161
4031.....	10149
4032.....	10167, 10168
4034.....	10150
4040.....	10143, 10151
4041.....	10153, 10154, 10155
4042.....	10152
4043.....	10028

SEE DECAL CATALOG FOR
FULL LIST OF DECALS

**TICHY
TRAIN
GROUP**

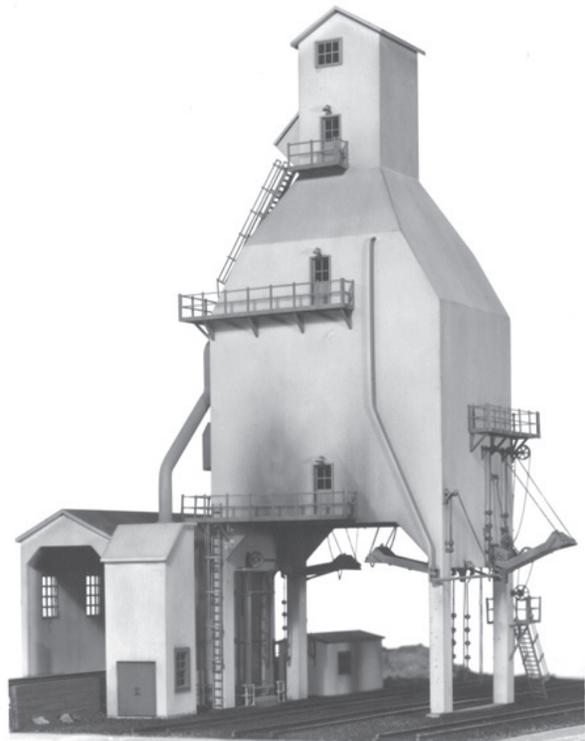
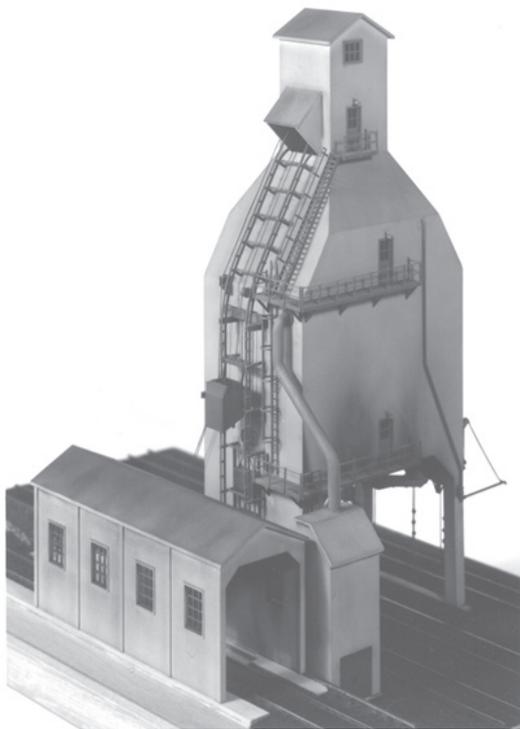
14

400 TON CONCRETE COALING TOWER

KIT #7010

HO SCALE

\$135.00



400 TON CONCRETE COALING TOWER ¹⁵

KIT #7010

HO SCALE

\$135.00

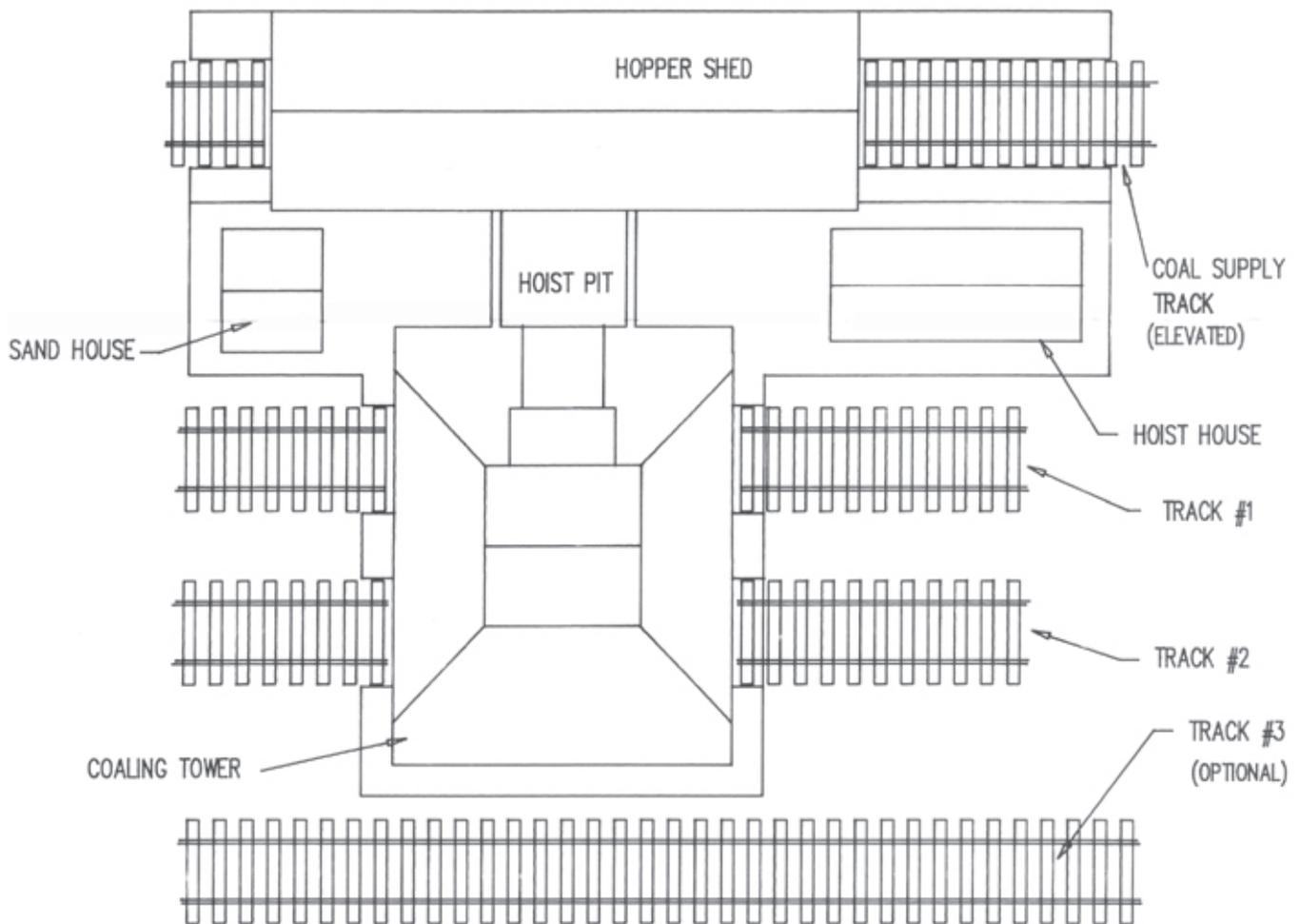
INCLUDES:

COAL SHED
MACHINERY SHED
SAND HOUSE
TOWER
BASE

FEATURES:

ONE PIECE SIDE PANELS
ONE PIECE ROOFS
SEE THROUGH GRATING
COMPLETE DETAILS
EASY ASSEMBLY

LAYOUT BELOW IS ONE HALF ACTUAL SIZE



**TICHY
TRAIN
GROUP**

16

STANDARD STEEL WATER TANK

KIT #7012 HO SCALE \$29.50



INCLUDES:

SPHERICAL TOP
FLAT SLOPE TOP
CONICAL BOTTOM
SPHERICAL BOTTOM
2 BEAM LENGTHS
WATER COLUMN
2 OR 3 COURSE TANK
INJECTION MOLDED
WIRE BRACING
BASE
EASY ASSEMBLY
4" DIAMETER
6" TO 9" HIGH

This kit represents the standard steel water tank that was developed by Chicago Bridge and Iron for the railroad industry. Installations were done from the late 1800's to the end of steam era with many still in use. The kit allows you to build either the 100,000 gallon (2 courses) or the 125,000 gallon (3 courses) version. In addition, we supply 2 tops, 2 bottoms, and 2 beam lengths so any common variant can be modeled. Our standard Fairbanks Morse water column is also included.

**TICHY
TRAIN
GROUP**

STEEL OIL/GAS TANK

17

KIT #7013

HO SCALE

\$19.95



INCLUDES:

ONE PIECE RINGS

CIRCULAR STAIR

VERTICAL STAIR

FLAT TOP

CONICAL TOP

ALL HANDRAILS

CONCRETE BASE

INJECTION MOLDED

4" DIAMETER

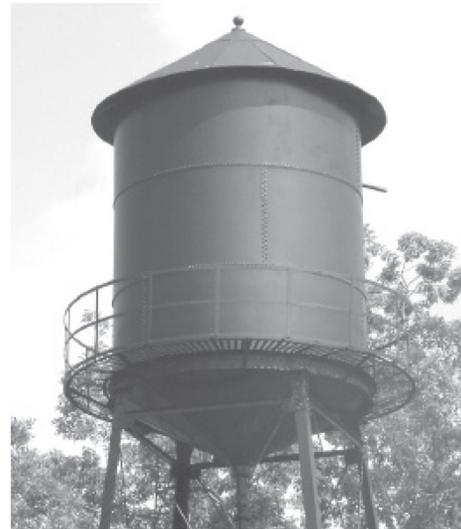
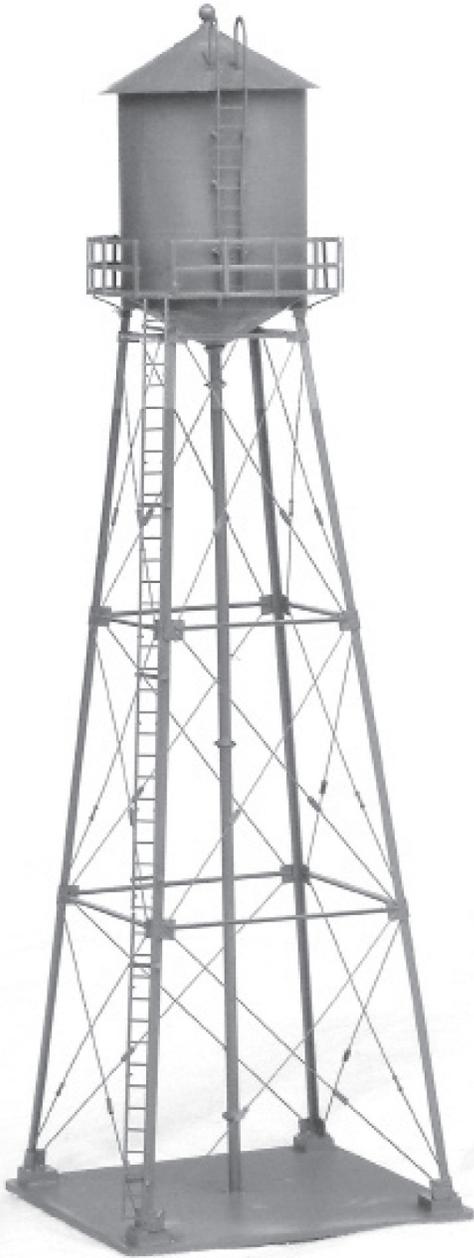
7" HIGH

EASY ASSEMBLY

This kit represents a standard riveted steel tank as built from the late 1800's to the present time. They were used to store almost any liquid, most commonly oil and gas. Very often they store water and in industrial settings almost any liquid chemical. The kit includes one piece molded rings with shiplap joints so there are no unsightly vertical joints on the finished model. You can build either the curved stair or a vertical ladder with or without a safety cage.

**TICHY
TRAIN
GROUP**

SMALL WATER TANK

KIT 7019**HO SCALE****\$27.50**

PROTOTYPE PHOTO

THIS IS A SMALL STEEL INDUSTRIAL WATER TANK. THE ORIGINAL WAS BUILT IN 1904 BY CHICAGO BRIDGE AND IRON FOR THE TEXTILE MILL AT GLENCOE VILLAGE IN NORTH CAROLINA AND IS STILL STANDING. AS A RESULT, WE WERE ABLE TO BUILD AN EXACT REPRODUCTION RIGHT DOWN TO THE OVERLAPPING STEEL PANELS ON THE ROOF WITH SCALE RIVET DETAIL AND THE UNIQUE ANGLED LADDER. THE BASE IS 2.75" SQUARE AND THE MODEL STANDS 9" TALL. IT IS ALL INJECTION MOLDED STYRENE WITH PHOSPHOR BRONZE GUY WIRES. TURNBUCKLES ARE INCLUDED. THE TANK IS MOLDED IN ONE PIECE WITH FULL SCALE RIVET DETAIL FOR EASE OF ASSEMBLY.

**TICHY
TRAIN
GROUP**

HANDCAR SHED

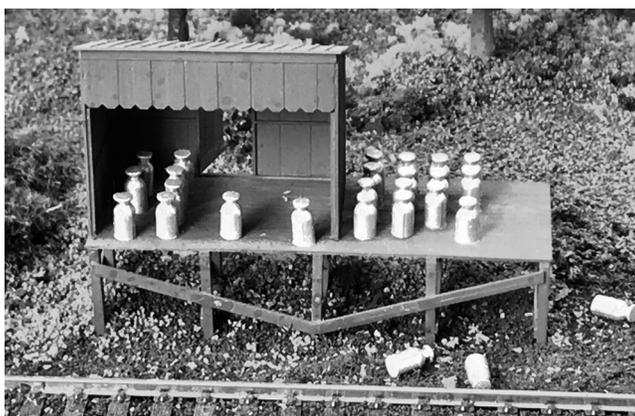
KIT #7011 HO SCALE \$10.95



THIS HANDCAR/TOOL SHED HAS A ONE PIECE ROOF, A ONE PIECE BASE WITH PILINGS, AND THE SIDETRACK. IT COMES COMPLETE WITH THE HANDCAR AND THE PUSHCAR. IT IS INJECTION MOLDED IN STYRENE FOR EASY ASSEMBLY. IT IS BASED ON A C&O PROTOTYPE AND CAN BE USE IN ALMOST ANY ERA.

MILK STATION

KIT #7017 HO SCALE \$10.95



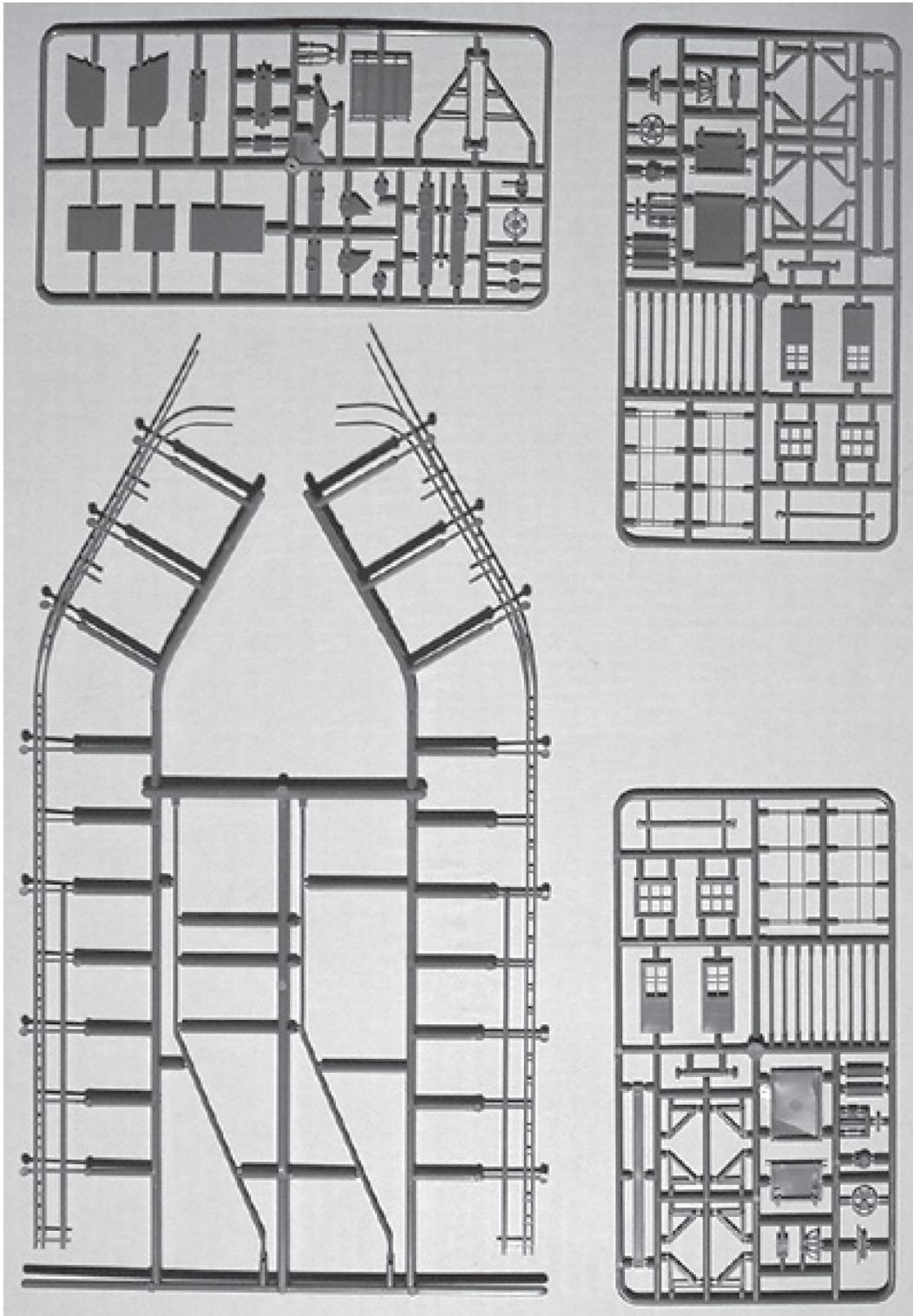
MILK STATIONS WERE VERY COMMON ALONG RAILROAD LINES THROUGHOUT THE EASTERN US DURING THE FIRST HALF OF THE 20TH CENTURY. THEY WERE USED TO PICK UP MILK FROM FARMERS AND TRANSPORT IT TO THE LOCAL CREAMERY. KIT COMES COMPLETE WITH 30 MILK CANS AND COMPLETE INTERIOR DETAILS.

HANDCAR SHED & MILK STATION

KIT #7018 HO SCALE \$20.00

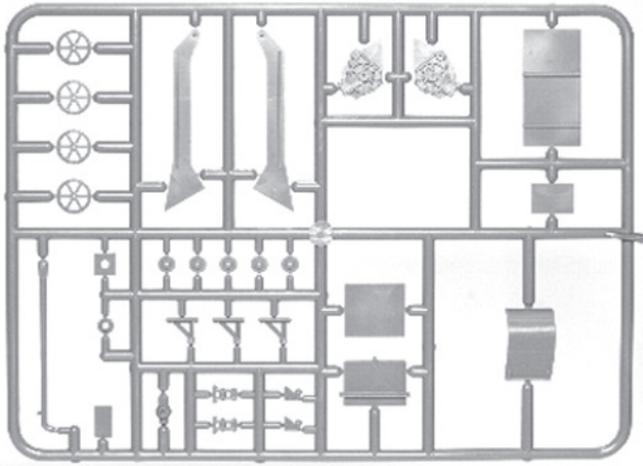
INCLUDES BOTH KITS WITH A TOTAL OF 80 MILK CANS IN ONE BOX

COALING TOWER LIFT MECHANISM



THIS IS THE LIFT MECHANISM FROM OUR COALING TOWER KIT 7010. IT INCLUDES THE MAIN LIFT RAILS, MOUNTING BRACKETS AND SPACERS, COAL BUCKET, COUNTERWEIGHT, PLATFORM, DOORS, WINDOWS AND VARIOUS HARDWARE. IT IS USED WHEN YOU ARE SCRATCHBUILDING A CUSTOM COALING TOWER SUCH AS A ROUND CONCRETE TOWER OR AN EARLY WOODEN TOWER WITH AN EXPOSED LIFT MECHANISM. IT IS ALSO USEFUL FOR UPGRADING OTHER COMMERCIAL KITS. IT INCLUDES ALL PARTS SHOWN ABOVE AND IS MOLDED IN GRAY STYRENE. INCLUDES COMPLETE 7010 COALING TOWER KIT INSTRUCTIONS

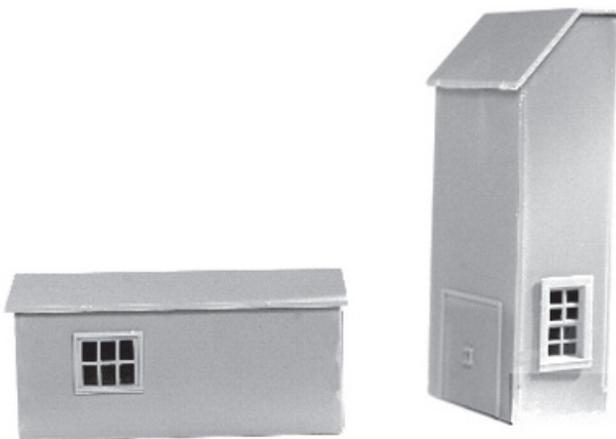
#8008 1 KIT \$20.00



FAIRBANKS MORSE STANDARD COAL CHUTE THEY WERE USED ON COALING TOWERS AND AT MOST COAL DISTRIBUTORS. IT INCLUDES A COMPLETE ADJUSTABLE CHUTE ALONG WITH THE OPERATORS AND MOUNTING BRACKETS. MOLDED IN GRAY STYRENE WITH PHOSPHOR BRONZE WIRE.

#8003 1 SET \$3.50

**TICHY
TRAIN
GROUP**



CONCRETE EQUIPMENT SHED COMMONLY USED TO HOUSE THE HOIST ENGINE AT A COALING TOWER AND A CONCRETE DRYING HOUSE WHICH WAS USED TO DRY SAND FOR THE ENGINES. BOTH COULD BE USED AT ANY COALING TOWER. INCLUDES PRECUT GLAZING.

#8005 1 PAIR \$12.00

**TICHY
TRAIN
GROUP**



CONCRETE COAL SHED THEY WERE BUILT BY FAIRBANKS MORSE AND OTHERS TO PROTECT THE COAL RECEIVING PITS AND CONVEYORS AT COAL DOCKS FROM THE WEATHER. USED AT MOST COALING TOWERS. THEY WERE ALSO USED AT SOME COAL DISTRIBUTORS. INCLUDES PRECUT GLAZING.

#8004 1 KIT \$12.00

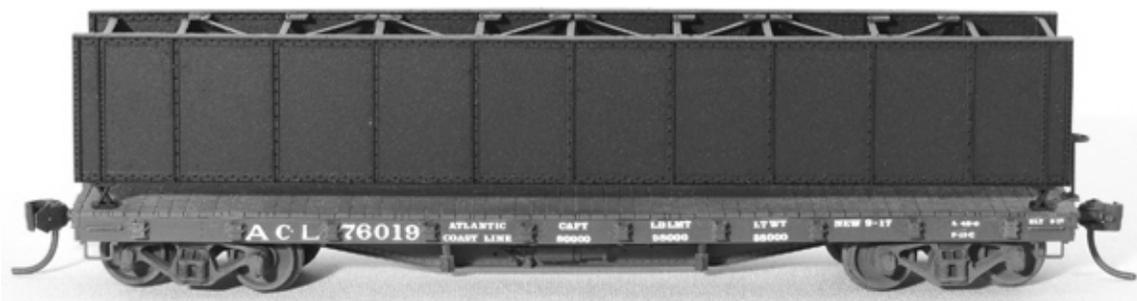
**TICHY
TRAIN
GROUP**

ICE STATION

KIT 7014	18" LONG	\$29.50
KIT 7015	36" LONG	\$49.50
KIT 7016	6" EXT	\$10.95



THIS IS A MODEL OF THE "STANDARD" PFE ICING PLATFORM OR DOCK AS USED FROM THE LATE 1800'S TO THE EARLY 1970'S. ALL COMPONENTS ARE PRECISION MOLDED FROM HIGH IMPACT POLYSTYRENE FOR EASE OF ASSEMBLY. A THREE FOOT UNIT TAKES ABOUT FOUR HOURS TO COMPLETELY ASSEMBLE. THE KIT ALSO INCLUDES PLASTIC ICE BLOCKS (AVAILABLE SEPARATELY AS ITEM #8172, 64 PCS, \$4.95) AND TARPAPER ROOFING. THE KIT IS MODULAR IN SCALE CAR LENGTH SECTIONS OF 44' (6") AND CAN BE BUILT TO ANY LENGTH BY COMBINING KITS. EXTRA DROP DOORS ARE INCLUDED, SO THE TWO TRACK VERSION CAN BE BUILT IF DESIRED.

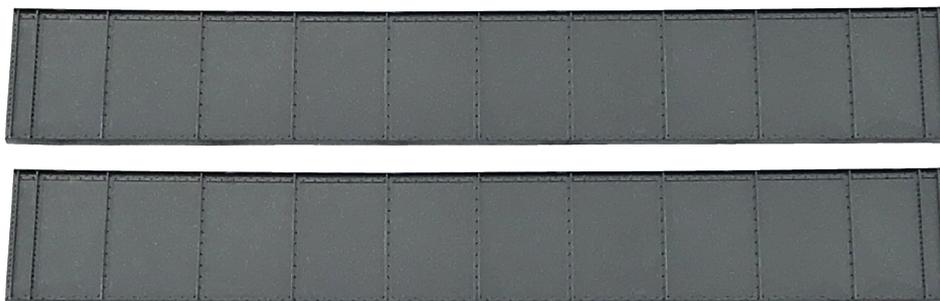


40 FOOT PLATE GIRDER BRIDGE

THE KIT BUILDS 2 COMPLETE BRIDGES. IT CAN BE USED TO SPAN A HIGHWAY OR STREAM. MULTIPLE UNITS MAY BE COMBINED WITH INTERMEDIATE SUPPORTS TO SPAN LONGER DISTANCES. IT ALSO MAKES AN INTERESTING LOAD FOR A 40' FLATCAR. THE PHOTO SHOWS IT ON OUR KIT #4040. IT IS MOLDED IN BLACK ABS PLASTIC AND TAKES ABOUT A 1/2 HOUR TO ASSEMBLE. THE END PEDESTALS ARE INCLUDED.

KIT# 7020 2 BRIDGES \$18.00

**TICHY
TRAIN
GROUP**



PAIR OF 40' x 6' RIVETED STEEL BRIDGE BEAMS

THEY ARE INTENDED FOR USE IN BUILDING CUSTOM BRIDGES OR STRUCTURES OR A DETAIL PART OR LOAD. THEY ARE INJECTION MOLDED IN BLACK ABS PLASTIC.

KIT# 8291 1 PAIR \$4.50

**TICHY
TRAIN
GROUP**

VISIBLE GAS PUMP

IT WAS USED FROM THE 1900'S TO THE 40'S. IT WORKED BY PUMPING THE GAS INTO THE GLASS CYLINDER ON TOP AND THEN ALLOWING IT TO FLOW INTO THE CAR. THE KIT BUILDS 2 COMPLETE PUMPS. IT INCLUDES THE NOZZLE, HOSE, PUMP BODY, CLEAR TANK AND MILK GLASS TOP WITH SEVEN DIFFERENT LOGOS. ALL PARTS ARE CORED SO A 1/16 DIAMETER BULB OR LED CAN BE INSERTED INTO THE MILK GLASS AND THE WIRES RUN DOWN THROUGH THE BASE. FIBER OPTIC STRANDS CAN ALSO BE USED. ALL INJECTION MOLDED IN STYRENE AND ACRYLIC.

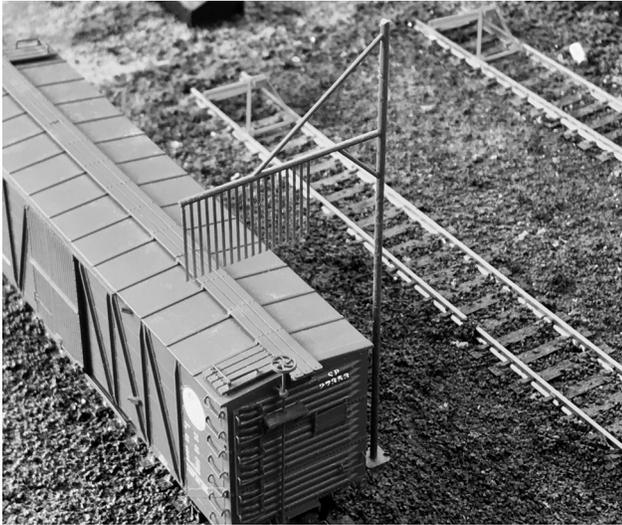
#8223 2 PUMPS \$12.50

#8223G 2 1.5 VOLT INCANDESCENT LAMPS TO LIGHT GLOBES \$2.50 (DIRECT ORDERS ONLY)



**TICHY
TRAIN
GROUP**

TRACKSIDE DETAILS



TELLTALES WERE USED TO WARN BRAKEMEN AND OTHERS ON TOP OF CARS OF APPROACHING LOW CLEARANCE CONDITIONS. THEY CONSISTED OF A SET OF ROPES OR CHAINS HANGING FROM A CROSSBAR PLACED SOME DISTANCE BEFORE THE HAZARD. THE ERA IS 1900 TO 1965. HOWEVER SOME ARE STILL STANDING TODAY. THIS KIT IS MOLDED IN STYRENE AND REQUIRES NO ASSEMBLY.

#8164 2 PCS \$4.95



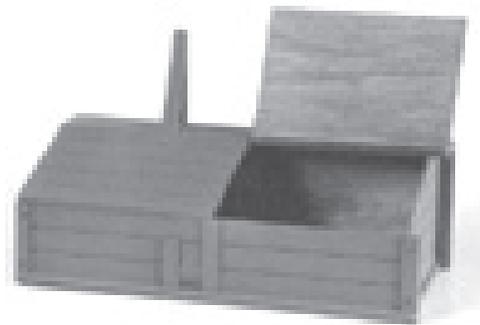
STANDARD HAYES MANUFACTURING CO CAR BUMPING POST. IT WAS FIRST MADE IN 1926 AND CONTINUES IN USE TO THIS DAY. IT IS THE MOST COMMON TRACK STOP AND WAS USED ALMOST EVERYWHERE. THE KIT IS MOLDED IN GRAY STYRENE AND INCLUDES THE REINFORCING PLATES PLACED ON THE OUTSIDE OF THE RAILS.

#8165 2 SETS \$5.95



TYPICAL OUTHOUSE THAT WAS USED FROM THE BEGINNING OF RAILROADING TO THE 60'S. IT IS MOLDED IN GRAY STYRENE AND INCLUDES INTERIOR DETAIL AND THE ROOF IS MOLDED IN ONE PIECE WITH THE CEDAR SHAKES. THESE COULD BE FOUND BEHIND VIRTUALLY EVERY STRUCTURE IN THEIR DAY.

#8166 3 KITS \$5.95



TYPICAL COAL BIN WHEN COAL WAS USED AS A SOURCE OF HEAT, THESE COULD BE FOUND NEXT TO MOST STRUCTURES, INCLUDING SMALL ONES SUCH AS CROSSING SHANTIES THAT USED A POT BELLY STOVE TO PROVIDE HEAT. THEY WOULD BE FILLED FROM A PASSING TRAIN OR TRUCK AND BUCKETS OF COAL WOULD BE CARRIED IN AS NEEDED.

#8167 3 KITS \$5.95



STANDARD SHEFFIELD WATER COLUMN
THEY WERE USED FOR FILLING STEAM ENGINE TENDERS WITH WATER AND COULD BE FOUND AT MOST STATIONS AND OTHER STOPPING POINTS. IT IS MOLDED IN STYRENE AND INCLUDES THE WIRE PIECES ALONG WITH A HEIGHT EXTENSION PIPE FOR LARGER LOCOMOTIVES.

#8006 \$4.95



STANDARD JIB CRANE
THEY WERE USED FOR MOVING HEAVY LOADS AT STATION PLATFORMS AND IN YARDS AND MANY INDUSTRIAL LOCATIONS. A TYPICAL USE WOULD BE TO LIFT A TRUCK SO A WHEELSET COULD BE CHANGED. IT IS MOLDED IN GRAY STYRENE AND INCLUDES THE BRASS CHAIN.

#8007 \$5.95



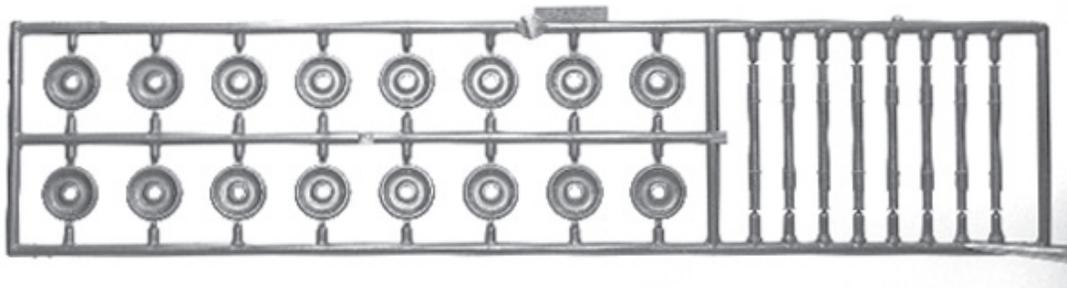
STANDARD SHEFFIELD MAIL CRANE
THEY WERE FOUND AT MOST STATIONS AND WERE USED TO ALLOW TRAINS TO PICK UP MAIL WITHOUT STOPPING. THEY WERE IN USE FROM 1900 THROUGH THE 60'S WHEN PASSENGER TRAINS WITH RPO'S WERE DISCONTINUED. IT IS MOLDED IN GRAY STYRENE.

#8168 \$5.95



STANDARD SHEFFIELD OIL COLUMN
THEY WERE USED TO SUPPLY FUEL OIL TO TENDERS OF STEAM ENGINES THAT BURNED OIL. THEY WERE LOCATED AT ALL REFUELING POINTS ON ROADS THAT BURNED OIL. IT IS MOLDED IN GRAY STYRENE AND INCLUDES THE WIRE PIECES.

#8169 \$6.95



NON-OPERATING WHEELSETS
INTENDED FOR USE IN FREIGHT CAR LOADS AND AROUND YARDS AND REPAIR SHOPS. THEY REPRESENT 33" CAST IRON WHEELS AND ARE MOLDED IN RUST COLORED STYRENE. THEY HAVE FULL BACK SIDE RIBS, LETTERING AND BEARING JOURNALS.

#3004 8 WHEELSETS \$2.00 #3010 96 WHEELSETS \$10.50

26 GRANDT TO TICHY CONVERSION CHART

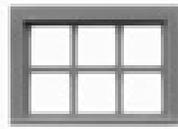
GRANDT	TICHY		GRANDT	TICHY		GRANDT	TICHY
153	8019		5097	8054		5270	8145
154	8075		5098	8034		5271	8087
156	8077		5099	8144		5273	8201
3531	8148		5100	8016		5280	8306
3239	8067		5101	8142		5282	8217
4052	3506		5112	8023		8284	8218
5009	8154		5113	8082		5300	8210
5010	8036		5117	8043		5314	8223
5011	8149		5124	3033		5315	8002
5014	8301		5131	8032			
5018	8099		5134	8116			
5021	8197		5136	8140			
5023	8141		5137	8112			
5029	8131		5138	8120			
5030	8028		5139	8118			
5031	8024		5140	8115			
5032	8071		5149	8121			
5035	8093		5163	8132			
5039	8021		5164	4011			
5041	8211		5165	8117			
5045	8016		5173	8039			
5046	8142		5174	8040			
5050	3073		5175	8041			
5051	3072		5177	8002			
5052	3073		5179	8086			
5053	3074		5193	8302			
5057	8123		5195	8061			
5059	8068		5198	8025			
5060	8031		5204	8094			
5062	8027		5205	8095			
5064	8122		5210	8065			
5066	8016		5212	8114			
5072	8033		5215	8025			
5073	8111		5221	8098			
5074	8219		5222	8064			
5075	8101		5228	8093			
5077	8051		5230	8113			
5079	8092		5239	8067			
5080	8038		5240	8037			
5081	8042		5241	8305			
5083	8109		5242	8026			
5092	8036/8128		5246	8148			
5093	8144		5252	8159			
5096	8082		5262	8128			

FRAMED WINDOWS

27

GENERAL INFORMATION

FRAMED WINDOWS HAVE TRIM THAT OVERLAPS THE EDGE OF THE WINDOW OPENING. THE SIZE IN SCALE INCHES IS THE AREA OF THE GLASS SASHES AND THE OPENING DIMENSIONS ARE THE ACTUAL DECIMAL INCH SIZE OF THE OPENING THE WINDOW WILL FIT INTO. ALL WINDOWS ARE MOLDED IN GRAY STYRENE. THE PIECE COUNT IS THE ACTUAL NUMBER OF COMPLETE WINDOWS IN THE PACKAGE. ALL PACKAGES ALSO INCLUDE PRECUT GLAZING MATERIAL FOR ALL SECTIONS. RESIDENTIAL WINDOWS WILL ALSO INCLUDE PRECUT SHADE MATERIAL. MULLIONS CAN BE EASILY CUT OUT TO FORM WINDOWS WITH FEWER PANES, FOR EXAMPLE A 6/6 CAN BE MADE INTO A 1/1.



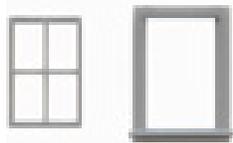
6 LITE WINDOW
40" W x 27" H
.51" x .35" OPENING

TTG #8026 12 PCS \$3.50



WORK CAR WINDOW
24" W x 24" H
.37" x .36" OPENING

TTG #8067 12 PCS \$3.50



WORK CAR WINDOW
18" W x 28" H
.26" x .37" OPENING

TTG #8068 12 PCS \$3.50



2 PANE WINDOW
36" W x 9" H
.5" x .152" OPENING

TTG #8074 12 PCS \$3.50



6 LITE WINDOW
42" W x 36" H
.52" x .47" OPENING

TTG #8010 12 PCS \$3.50



6 LITE ATTIC WINDOW
28" W x 26" H
.37" x .33" OPENING

TTG #8023 12 PCS \$3.50



1/2 ARCH TOP WINDOW
30" W x 60" H
.39" x .71" OPENING

TTG #8072 10 PCS \$3.50



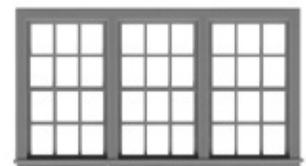
6/6 DBL HUNG WINDOW
36" W x 64" H
.46" x .78" OPENING

TTG #8024 12 PCS \$3.50



DOUBLE UNIT 8024
79" W x 64" H
.94" x .78" OPENING

TTG #8159 6 PCS \$3.50



TRIPLE UNIT 8024
120" W x 64" H
1.42" x .78" OPENING

TTG #8161 3 PCS \$3.50



1/2 DBL HUNG WINDOW
30" W x 62" H
.36" x .75" OPENING

TTG #8025 12 PCS \$3.50



DOUBLE UNIT 8025
64" W x 62" H
.75" x .75" OPENING

TTG #8103 6 PCS \$3.50



TRIPLE UNIT 8025
98" W x 62" H
1.14" x .75" OPENING

TTG #8104 3 PCS \$3.50



4/4 DBL HUNG WINDOW
32" W x 54" H
.43" x .68" OPENING

TTG #8014 6 PCS \$3.50

FRAMED WINDOWS



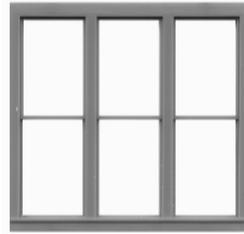
1/1 DBL HUNG WINDOW
30" W x 92" H
.385" x 1.1" OPENING

TTG #8096 12 PCS \$3.50



DOUBLE UNIT 8096
65" W x 92" H
.79" x 1.1" OPENING

TTG #8095 6 PCS \$3.50



TRIPLE UNIT 8096
100" W x 92" H
1.18" x 1.1" OPENING

TTG #8094 4 PCS \$3.50



4/4 DBL HUNG WINDOW
25" W x 48" H
.34" x .62" OPENING

TTG #8029 12 PCS \$3.50



2/2 DBL HUNG WINDOW
28" W x 69" H
.38" x .83" OPENING

TTG #8031 12 PCS \$3.50



DOUBLE UNIT 8031
63" W x 69" H
.785" x .83" OPENING

TTG #8098 6 PCS \$3.50



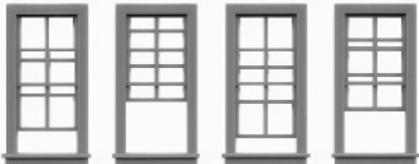
2/2 DBL HUNG WINDOW
24" W x 56" H
.33" x .71" OPENING

TTG #8062 12 PCS \$3.50



DOUBLE UNIT 8062
52" W x 56" H
.675" x .71" OPENING

TTG #8063 6 PCS \$3.50



OPEN VERSION OF 8028
27" W x 62" H
.37" x .78" OPENING

TTG #8069 12 PCS \$3.50



DOUBLE UNIT OF 8028/8069
60" W x 62" H
.75" x .78" OPENING

TTG #8070 6 PCS \$3.50



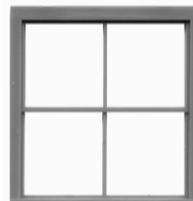
2/2 DBL HUNG WINDOW
36" W x 82" H
.50" x 1.0" OPENING

TTG #8061 8 PCS \$3.50



SINGLE SASH WINDOW
36" W x 82" H
.50" x 1.0" OPENING

TTG #8102 8 PCS \$3.50



DOUBLE OF 8061
76" W x 82" H
.925" x 1.0" OPENING

TTG #8138 6 PCS \$3.50



4/4 DBL HUNG WINDOW
27" W x 62" H
.37" x .78" OPENING

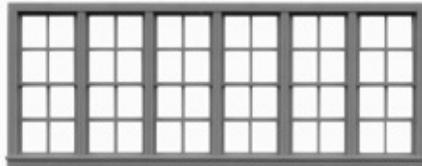
TTG #8028 12 PCS \$3.50

FRAMED WINDOWS



DOUBLE 4/4 DBL HUNG WINDOW
59" W x 64" H
.705" x .80" OPENING

TTG #8064 6 PCS \$3.50



SIX UNIT 4/4 DBL HUNG WINDOW
TRIPLE OF 8064
180" W x 64" H
2.11" x .80" OPENING

TTG #8065 3 PCS \$3.50



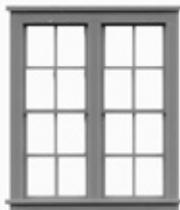
1/1 DBL HUNG WINDOW
28" W x 64" H
.37" x .825" OPENING

TTG #8097 12 PCS \$3.50



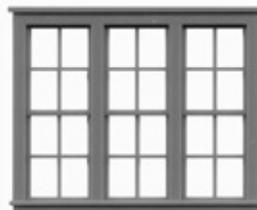
4/4 DBL HUNG WINDOW
30" W x 80" H
.40" x .98" OPENING

TTG #8030 12 PCS \$3.50



DOUBLE OF 8030
64" W x 80" H
.81" x .98" OPENING

TTG #8126 6 PCS \$3.50



TRIPLE OF 8030
98" W x 80" H
1.225" x .98" OPENING

TTG #8127 3 PCS \$3.50



8/8 DBL HUNG WINDOW
36" W x 52" H
.455" x .61" OPENING

TTG #8071 12 PCS \$3.50



9/9 DBL HUNG WINDOW
38" W x 92" H
.47" x 1.11" OPENING

TTG #8056 12 PCS \$3.50



6/6 DBL HUNG WINDOW
25" W x 92" H
.34" x 1.11" OPENING

TTG #8057 12 PCS \$3.50



2/2 DBL HUNG WINDOW
30" W x 47" H
.36" x .58" OPENING

TTG #8105 12 PCS \$3.50



DOUBLE OF 8105
64" W x 47" H
.75" x .58" OPENING

TTG #8106 6 PCS \$3.50



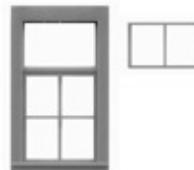
4/4 DBL HUNG WINDOW WITH ADJUSTABLE SASH
34" W x 81" H
.44" x .98" OPENING

TTG #8088 12 PCS \$3.50



4/4 HORIZONTAL SLIDER WITH ADJUSTABLE SASH
52" W x 42" H
.65" x .53" OPENING

TTG #8089 12 PCS \$3.50



6 PANE WINDOW WITH 2 PANE TILT OUT SASH
34" W x 64" H
.44" x .78" OPENING

TTG #8090 12 PCS \$3.50



4/4 HORIZONTAL SLIDER
52" W x 33" H
.64" x .42" OPENING

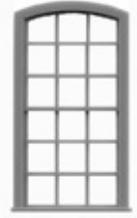
TTG #8042 12 PCS \$3.50

FRAMED WINDOWS



9/9 DBL HUNG WINDOW
44" W x 90" H
.54" x 1.07" OPENING

TTG #8054 12 PCS \$3.50



9/9 DBL HUNG ARCH TOP WINDOW
44" W x 90" H
.54" x 1.07" OPENING

TTG #8055 12 PCS \$3.50



1/1 ROUND TOP WINDOW
24" W x 72" H
.34" x .825" OPENING

TTG #8113 12 PCS \$3.50



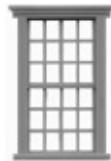
DOUBLE OF 8113
52" W x 72" H
.64" x .87" OPENING

TTG #8114 6 PCS \$3.50



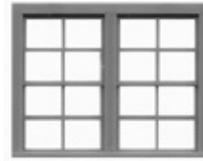
4/4 DBL HUNG WINDOW
27" W x 64" H
.36" x .78" OPENING

TTG #8131 12 PCS \$3.50



12/12 DBL HUNG WINDOW
31" W x 62" H
.4" x .75" OPENING

TTG #8136 12 PCS \$3.50



4/4 DBL DBL HUNG WINDOW
80" W x 62" H
.955" x .76" OPENING

TTG #8137 6 PCS \$3.50



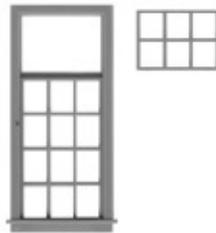
DBL CASEMENT WINDOW
30" W x 40" H
.39" x .5" OPENING

TTG #8139 12 PCS \$3.50



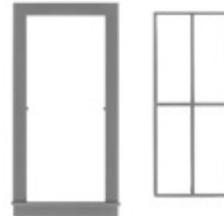
27 PANE INDUSTRIAL WINDOW
44" W x 140" H
.53" x 1.63" OPENING

TTG #8100 8 PCS \$3.50



18 PANE TOP TILT OUT WIND.
35" W x 94" H
.47" x 1.1" OPENING

TTG #8157 8 PCS \$3.50



CENTER TILTING WINDOW
36" W x 84" H
.46" x 1.02" OPENING

TTG #8163 8 PCS \$3.50



6/6 DBL HUNG WINDOW
30" W x 66" H
.385" x .81" OPENING

TTG #8153 12PCS \$3.50



2/2 DBL HUNG WINDOW
36" W x 64" H
.45" x .78" OPENING

TTG #8043 12 PCS \$3.50



ROUND ATTIC WINDOW
30" DIAMETER
.41" DIAMETER OPENING

TTG #8149 6 PCS \$3.50



1/1 ROUND TOP WINDOW
27" W x 60" H
.335" x .70" OPENING

TTG #8200 12 PCS \$3.50



1/1 DBL HUNG WINDOW
30" W x 72" H
.37" x .84" OPENING

TTG #8201 12 PCS \$3.50

FRAMED WINDOWS

31



4/4 ROUND TOP WINDOW
24" W x 78" H
.34" x .91" OPENING

TTG #8202 12 PCS \$3.50



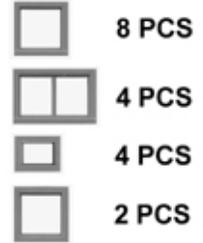
4 PANE ROUND TOP WINDOW
24" W x 36" H
.34" x .44" OPENING

TTG #8203 12 PCS \$3.50



4/4 ROUND TOP WINDOW
24" W x 72" H
.34" x .825" OPENING

TTG #8205 12 PCS \$3.50



WORK CAR WINDOWS ASSORTED

TTG #8206 18 PCS \$3.50



ROUND TOP WINDOW
30" W x 58" H
.38" x .67" OPENING

TTG #8047 12 PCS \$3.50



SMALL ROUND TOP WINDOW
14" W x 30" H
.22" x .4" OPENING

TTG #8048 12 PCS \$3.50



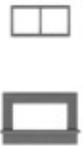
6/6 DOUBLE HUNG WINDOW
30" W x 56" H
.4" x .69" OPENING

TTG #8217 12 PCS \$3.50



2/1 DOUBLE HUNG WINDOW
24" W x 48" H
.34" x .6" OPENING

TTG #8218 12 PCS \$3.50



WORK CAR WINDOW
24" W x 12" H
.37" x .21" OPENING

TTG #8229 12 PCS \$3.50



1/1 DOUBLE HUNG WINDOW
18" W x 56" H
.25" x .685" OPENING

TTG #8236 12 PCS \$3.50



1/1 DOUBLE HUNG WINDOW
26" W x 56" H
.35" x .685" OPENING

TTG #8237 12 PCS \$3.50



1/1 DOUBLE HUNG WINDOW WITH FANCY TOP TRIM
18" W x 56" H
.25" x .685" OPENING

TTG #8238 12 PCS \$3.50



1/1 DOUBLE HUNG WINDOW WITH FANCY TOP TRIM
26" W x 56" H
.35" x .685" OPENING

TTG #8239 12 PCS \$3.50



1/1 DOUBLE HUNG WINDOW WITH FANCY TOP TRIM
30" W x 67" H
.38" x .81" OPENING

TTG #8240 12 PCS \$3.50



1/1 DOUBLE HUNG WINDOW WITH FANCY TOP TRIM
32" W x 67" H
.405" x .81" OPENING

TTG #8241 12 PCS \$3.50



1/1 DOUBLE HUNG WINDOW WITH FANCY TOP TRIM
18" W x 40" H
.25" x .5" OPENING

TTG #8242 12 PCS \$3.50

FRAMED WINDOWS



**3 PANE HORIZONTAL WINDOW
WITH FANCY TOP TRIM**
44" W x 25" H
.56" x .34" OPENING

TTG #8243 12 PCS \$3.50



**1/1 DOUBLE HUNG WINDOW
WITH FANCY TOP TRIM**
29" W x 78" H
.375" x .935" OPENING

TTG #8244 12 PCS \$3.50



**1/1 DOUBLE HUNG WINDOW
WITH FANCY TOP TRIM**
42" W x 78" H
.525" x .935" OPENING

TTG #8245 9 PCS \$3.50



**1/1 DOUBLE HUNG WINDOW
WITH FANCY TOP TRIM**
30" W x 52" H
.385" x .64" OPENING

TTG #8250 12 PCS \$3.50



**1/1 DOUBLE HUNG WINDOW
WITH FANCY TOP TRIM**
24" W x 72" H
.315" x .885" OPENING

TTG #8251 12 PCS \$3.50



2/2 STATION WINDOW
36" W x 87" H
.44" x 1" OPENING

TTG #8301 8 PCS \$3.50



9/2 STATION WINDOW
36" W x 72" H
.45" x .895" OPENING

TTG #8302 8 PCS \$3.50



2 PANE PEAKED WINDOW
36" W x 44" H
.45" x .535 OPENING

TTG #8303 12 PCS \$3.50



VICTORIAN ATTIC WINDOW
20" W x 30" H
.265" x .365" OPENING

TTG #8304 12 PCS \$3.50



SHED/ATTIC WINDOW
16" W x 16" H
.245" x .245" OPENING

TTG #8305 12 PCS \$3.50



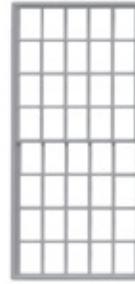
6 LITE WINDOW
30" W x 28" H
.4" x .365" OPENING

TTG #8306 12 PCS \$3.50

GENERAL INFORMATION

MASONRY WINDOWS ARE DESIGNED TO FIT INTO BRICK OR STONE WALLS. UNLIKE FRAMED WINDOWS THEY DO NOT HAVE TRIM THAT OVERLAPS THE EDGE OF THE WINDOW OPENING. THE SIZE IN SCALE INCHES IS THE AREA OF THE GLASS SASHES AND THE OPENING DIMENSIONS ARE THE ACTUAL DECIMAL INCH SIZE OF THE OPENING THE WINDOW WILL FIT INTO.

ALL WINDOWS ARE MOLDED IN GRAY STYRENE. THE PIECE COUNT IS THE ACTUAL NUMBER OF COMPLETE WINDOWS IN THE PACKAGE. ALL PACKAGES ALSO INCLUDE PRECUT GLAZING MATERIAL FOR ALL SECTIONS. RESIDENTIAL WINDOWS WILL ALSO INCLUDE PRECUT SHADE MATERIAL. MULLIONS CAN BE EASILY CUT OUT TO FORM WINDOWS WITH FEWER PANES, FOR EXAMPLE A 6/6 CAN BE MADE INTO A 1/1.



20/20 DBL HUNG WINDOW
60" W x 120" H
.68" x 1.45" OPENING

TTG #8036 8 PCS \$3.50



13 PANE 1/2 ROUND WINDOW
FITS OVER 8036 & 8133
60" W x 30" H
.68" x .34" OPENING

TTG #8128 8 PCS \$3.50



2/2 DBL HUNG WINDOW
42" W x 91" H
.48" x 1.03" OPENING

TTG #8115 8 PCS \$3.50



STOREFRONT WINDOW
65" W x 115" H
.75" x 1.325" OPENING

TTG #8120 6 PCS \$3.50



6/6 DBL HUNG WINDOW
40" W x 55" H
.465" x .63" OPENING

TTG #8154 12 PCS \$3.50



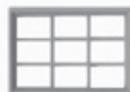
ROUND MASONRY WINDOW
65" DIAMETER
.74" DIA OPENING

TTG #8037 4 PCS \$3.50



1/1 DBL HUNG WINDOW
36" W x 96" H
.50" x 1.19" OPENING

TTG #8044 12 PCS \$3.50



9 PANE WINDOW
52" W x 34" H
.66" x .45" OPENING

TTG #8046 12 PCS \$3.50



6/6 DBL HUNG WINDOW
34" W x 67" H
.40" x .78" OPENING

TTG #8052 12 PCS \$3.50



6/6 DBL HUNG WINDOW
35" W x 75" H
.40" x .87" OPENING

TTG #8058 12 PCS \$3.50

MASONRY WINDOWS



2 PANE WINDOW
35" W x 35" H
.4" x .4" OPENING

TTG #8107 12 PCS \$3.50



1/1 ROUND TOP DBL HUNG WINDOW
12" W x 96" H
.14" x 1.155" OPENING

TTG #8073 12 PCS \$3.50



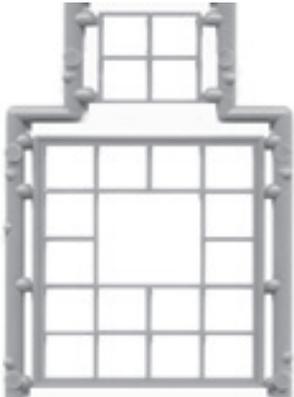
8/8 DBL HUNG WINDOW
38" W x 68" H
.495" x .83" OPENING

TTG #8086 12 PCS \$3.50

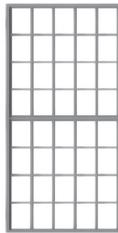


1/1 DBL HUNG WINDOW
38" W x 68" H
.495" x .83" OPENING

TTG #8162 12 PCS \$3.50

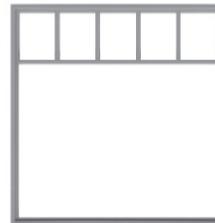


20 PANE INDUSTRIAL WINDOW WITH TILTING CENTER
7' W x 9.5' H
1.2" x 1.325" OPENING
TTG #8087 3 PCS \$3.50



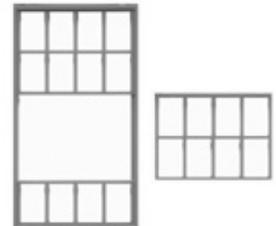
40 PANE MASONRY WINDOW
50" W x 100" H
.6" x 1.2" OPENING

TTG #8295 6 PCS \$3.50



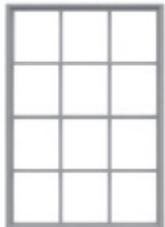
STORE WINDOW
98" W x 102" H
1.13" x 1.155" OPENING

TTG #8187 6 PCS \$3.50



25 PANE TILT OUT WINDOW
60" W x 104" H
.68" x 1.19" OPENING

TTG #8133 8 PCS \$3.50



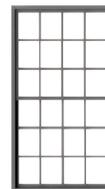
12 PANE WINDOW
72" W x 102" H
.82" x 1.20" OPENING

TTG #8051 6 PCS \$3.50



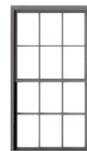
3 PANE TRANSOM WINDOW
40" W x 16" H
.47" x .195" OPENING

TTG #8210 12 PCS \$3.50



12/12 DOUBLE HUNG MASONRY
48" W x 86" H
.545" x .985" OPENING

TTG #8307 12 PCS \$3.50



6/6 DOUBLE HUNG MASONRY
38" W x 68" H
.44" x .785" OPENING

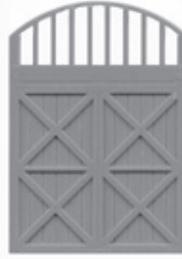
TTG #8308 12 PCS \$3.50

DOORS

GENERAL INFORMATION

MASONRY DOORS ARE DESIGNED TO FIT INTO BRICK OR STONE WALLS. FRAMED DOORS HAVE TRIM THAT OVERLAPS THE EDGE OF THE DOOR OPENING. THE SIZE IN SCALE INCHES IS THE AREA OF THE DOOR AND THE OPENING DIMENSIONS ARE THE ACTUAL DECIMAL INCH SIZE OF THE OPENING THE DOOR WILL FIT INTO.

ALL DOORS ARE MOLDED IN GRAY STYRENE. THE PIECE COUNT IS THE ACTUAL NUMBER OF COMPLETE DOORS IN THE PACKAGE. ALL PACKAGES ALSO INCLUDE PRECUT GLAZING MATERIAL FOR ALL SECTIONS. MOST DOORS WITH SEPARATE FRAMES HAVE DETAIL ON BOTH SIDES AND CAN BE MODELED IN ANY POSITION. THEY CAN ALSO BE USED WITHOUT THE FRAME IN MASONRY APPLICATIONS.



**FREIGHT DOOR WITH ARCHED
TRANSOM & FRAME**
80" W x 80" H
.96" x 1.35" OPENING
TTG #8022 3 PCS \$3.50



4 PANEL DOOR
30" W x 80" H
.40" x .96" OPENING
TTG #8032 6 PCS \$3.50



**4 LITE DOOR WITH
2 LITE TRANSOM**
30" W x 100" H
.38" x 1.16" OPENING
TTG #8033 6 PCS \$3.50



**BAGGAGE DOOR
WITH TRANSOM**
96" W x 96" H
1.20" x 1.36" OPENING
TTG #8038 3 PCS \$3.50



4 PANEL DOOR
36" W x 80" H
.44" x .94" OPENING
TTG #8049 6 PCS \$3.50



2 LITE DOOR
36" W x 80" H
.44" x .94" OPENING
TTG #8050 6 PCS \$3.50



**16 LITE BAGGAGE DOOR
& FRAME**
96" W x 96" H
1.12" x 1.12" OPENING
TTG #8053 3 SETS \$3.50



**LOADING DOCK DOOR &
FRAME**
78" W x 78" H
1.1" x 1.07" OPENING
TTG #8066 3 SETS \$3.50



4 PANEL UTILITY DOOR
36" W x 60" H
.5" x .7" OPENING
TTG #8108 6 PCS \$3.50



DBL DOOR/TRANSOM
72" W x 115" H
.875" x 1.36" OPENING
TTG #8111 3 PCS \$3.50



**1 LITE DOOR/TRANSOM
WITH STEEL SHUTTERS**
50" W x 115" H
.57" x 1.3" OPENING
TTG #8112 3 SETS \$3.50

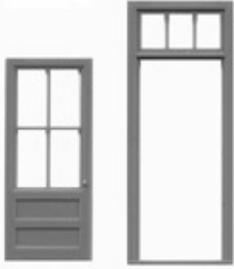


1 LITE DOOR/TRANSOM
36" W x 80" H
.47" x 1.175" OPENING
TTG #8116 3 SETS \$3.50

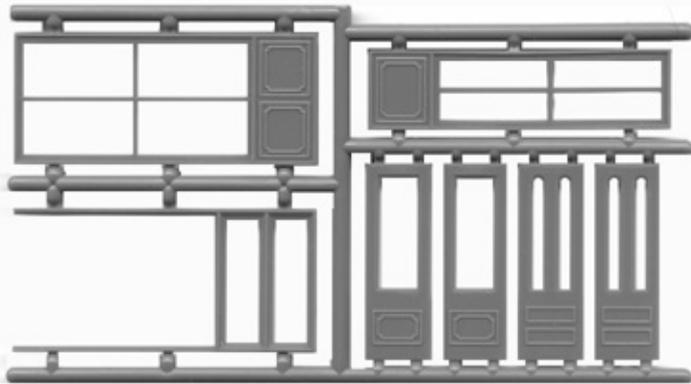


**4 LITE DOOR/TRANSOM
MASONRY FRAME**
39" W x 92" H
.5" x 1.35" OPENING
TTG #8118 3 SETS \$3.50

DOORS

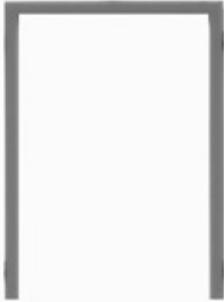


4 LITE DOOR/TRANSOM
 39" W x 92" H
 .5" x 1.35" OPENING
 TTG #8119 3 SETS \$3.50



STOREFRONT
 2 DIFFERENT DOORS

TTG #8117 2 SETS \$3.50



DOOR WITH SIDELIGHTS & TRANSOM
 89" W x 130" H
 1.075" x 1.53" OPENING
 TTG #8121 3 PCS \$3.50



DOUBLE 5 PANEL DOOR
 54" W x 80" H
 .66" x .975" OPENING
 TTG #8124 4 PCS \$3.50



FREIGHT DOOR/TRANSOM
 72" W x 108" H
 .95" x 1.29" OPENING
 TTG #8125 4 PCS \$3.50



1 LITE DOOR/TRANSOM
 36" W x 96" H
 .45" x 1.15" OPENING
 TTG #8130 6 PCS \$3.50



4 LITE DOOR/TRANSOM
 33" W x 110" H
 .42" x 1.31" OPENING
 TTG #8132 4 PCS \$3.50



DOUBLE DOOR/TRANSOM WITH STEEL SHUTTERS
 60" W x 115" H
 .76" x 1.32" OPENING
 TTG #8140 3 PCS \$3.50



6 LITE DOOR
 33" W x 80" H
 .415" x .955" OPENING
 TTG #8150 4 PCS \$3.50



DOUBLE 6 LITE DOOR
 66" W x 80" H
 .79" x .955" OPENING
 TTG #8151 3 PCS \$3.50



STOREFRONT
 115" W x 118" H
 1.333" x 1.36" OPENING
 TTG #8188 3 PCS \$3.50



DOUBLE DOOR & FRAME WITH TRANSOM
 78" W x 120" H
 .965" x 1.36" OPENING
 TTG #8189 2 SETS \$3.50

DOORS

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**DOUBLE DOOR & FRAME
MASONRY WITH TRANSOM**
78" W x 120" H
.965" x 1.36" OPENING
TTG #8190 2 SETS \$3.50



SINGLE LITE DOOR & FRAME
36" W x 80" H
.47" x .985" OPENING
TTG #8191 3 sets \$3.50



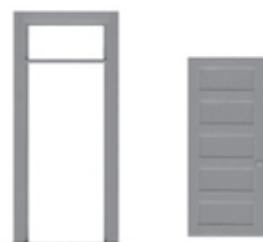
**GLASS DOOR/FRAME
WITH TRANSOM**
36" W x 108" H
.46" x 1.178" OPENING
TTG #8194 3 SETS \$3.50



DOUBLE SINGLE LITE DOOR & FRAME
72" W x 80" H
.875" x .987" OPENING
TTG #8192 2 SETS \$3.50



GLASS DOOR & FRAME
36" W x 80" H
.46" x .98" OPENING
TTG #8195 3 SETS \$3.50



**5 PANEL DOOR & FRAME
WITH TRANSOM**
36" W x 106" H
.46" x 1.178" OPENING
TTG #8196 3 SETS \$3.50



DOUBLE GLASS DOOR & FRAME
72" W x 80" H
.875" x .98" OPENING
TTG #8198 2 SETS \$3.50



DOUBLE 5 PANEL DOOR & FRAME
72" W x 80" H
.875" x .98" OPENING
TTG #8199 2 SETS \$3.50



5 PANEL DOOR & FRAME
36" W x 80" H
.46" x .98" OPENING
TTG #8197 3 SETS \$3.50



4 LITE DOOR
30" W x 80" H
.38" x .94" OPENING
TTG #8009 6 PCS \$3.50



DOUBLE STEEL DOOR
72" W x 80" H
.85" x .98" OPENING
TTG #8015 6 PCS \$3.50

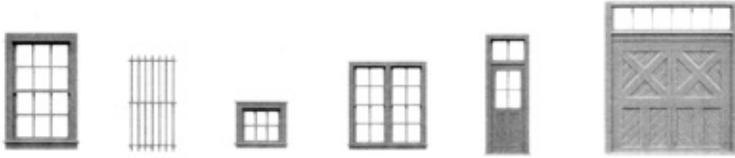


**4 PANEL WORK CAR DOOR
WITH STEP**
30" W x 80" H
.40" x .96" OPENING
TTG #8231 4 PCS \$3.50

ASSORTMENTS

TICHY TRAIN GROUP

WWW.TICHYTRAINGROUP.COM



200 PIECE WINDOW & DOOR ASSORTMENT
HO SCALE **#8091**

THIS ASSORTMENT CONTAINS ONE SPRUE OF EVERY DOOR, WINDOW AND STRUCTURAL PART FROM 8009 TO 8090 FOR A TOTAL OF OVER 200 PARTS. THIS IS FOUR OF MOST WINDOWS, THREE OF MOST PEOPLE DOORS AND ONE OF FREIGHT DOORS. IT IS INTENDED TO BE A COMPREHENSIVE PHYSICAL CATALOG ALLOWING YOU TO DESIGN AND BUILD STRUCTURES. REFERENCE PAGES ARE INCLUDED.

#8091 1 BOX \$40.00

#8091G COMPLETE SET OF PRECUT GLAZING FOR 8091 \$10.00

**TICHY
TRAIN
GROUP**

TICHY TRAIN GROUP

WWW.TICHYTRAINGROUP.COM



130 PIECE WINDOW & DOOR ASSORTMENT
HO SCALE **#8134**

THIS ASSORTMENT CONTAINS ONE SPRUE OF EVERY DOOR, WINDOW AND STRUCTURAL PART FROM 8092 TO 8133 FOR A TOTAL OF OVER 130 PARTS. THIS IS FOUR OF MOST WINDOWS, THREE OF MOST PEOPLE DOORS AND ONE OF FREIGHT DOORS. IT IS INTENDED TO BE A COMPREHENSIVE PHYSICAL CATALOG ALLOWING YOU TO DESIGN AND BUILD STRUCTURES. REFERENCE PAGES ARE INCLUDED.

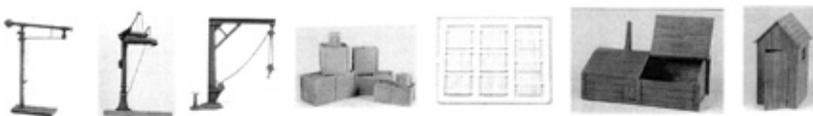
#8134 1 BOX \$28.00

#8134G COMPLETE SET OF PRECUT GLAZING FOR 8134 \$8.00

**TICHY
TRAIN
GROUP**

TICHY TRAIN GROUP

WWW.TICHYTRAINGROUP.COM



**OIL COLUMN, WATER COLUMN, JIB CRANE, SKIDS & PALLETS,
WOOD CRATES, COAL BINS & OUTHOUSES**
HO SCALE **TRACKSIDE ASSORTMENT #8160**

THIS ASSORTMENT CONTAINS ONE OIL COLUMN, ONE WATER COLUMN, ONE JIB CRANE, 36 SKIDS & PALLETS, 8 WOOD CRATES, THREE COAL BINS AND THREE OUTHOUSES. THIS WILL ALLOW YOU TO GREATLY ENHANCE THE APPEARANCE OF YOUR LAYOUT.

#8160 1 BOX \$32.00

**TICHY
TRAIN
GROUP**

ASSORTMENTS

39

WINDOW ASSORTMENT

THIS ASSORTMENT CONTAINS SAMPLES OF ALL WINDOWS FROM 8001 TO 8218.

290 TOTAL WINDOWS

86 DIFFERENT WINDOWS

ALL PRECUT GLAZING

CATALOG SHEETS

TOTAL RETAIL COST OF PARTS IS OVER \$103.

ALL PARTS ARE INJECTION MOLDED IN GRAY STYRENE.

**TICHY
TRAIN
GROUP**

#8219 1 BOX \$60.00

DOOR ASSORTMENT

THIS ASSORTMENT CONTAINS SAMPLES OF ALL DOORS FROM 8001 TO 8218.

76 TOTAL DOORS

36 DIFFERENT DOORS

ALL PRECUT GLAZING

CATALOG SHEETS

TOTAL RETAIL COST OF PARTS IS OVER \$77.

ALL PARTS ARE INJECTION MOLDED IN GRAY STYRENE.

**TICHY
TRAIN
GROUP**

#8220 1 BOX \$40.00

STRUCTURE PART ASSORTMENT

THIS ASSORTMENT CONTAINS SAMPLES OF ALL STRUCTURE PARTS FROM 8001 TO 8218.

470 TOTAL PARTS

43 DIFFERENT PARTS

CATALOG SHEETS

TOTAL RETAIL COST OF PARTS IS OVER \$66.

ALL PARTS ARE INJECTION MOLDED IN GRAY STYRENE.

**TICHY
TRAIN
GROUP**

#8221 1 BOX \$35.00

WINDOW, DOOR & STRUCTURE PART ASSORTMENT

THIS ASSORTMENT CONTAINS SAMPLES OF ALL WINDOWS, DOORS, & STRUCTURE PARTS FROM 8001 TO 8218. A TOTAL OF 836 PARTS COVERING 142 TOTAL ITEMS WITH A RETAIL VALUE OVER \$246.

290 TOTAL WINDOWS, 86 DIFFERENT WINDOWS

ALL PRECUT GLAZING

76 TOTAL DOORS, 36 DIFFERENT DOORS

ALL PRECUT GLAZING

470 TOTAL PARTS, 43 DIFFERENT PARTS

CATALOG SHEETS

ALL PARTS ARE INJECTION MOLDED IN GRAY STYRENE.

**TICHY
TRAIN
GROUP**

#8222 1 BOX \$120.00

1/1 WINDOW ASSORTMENT

THIS ASSORTMENT CONTAINS 1 PACK EACH OF 8238 TO 8245, 8250 & 8251

10 DIFFERENT WINDOWS, 117 TOTAL WINDOWS

ALL PRECUT GLAZING

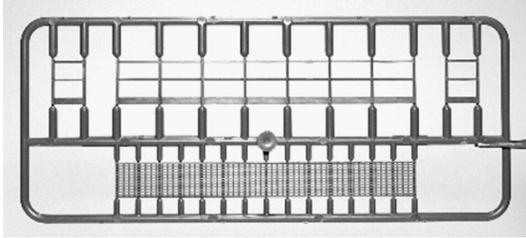
TOTAL RETAIL COST OF PARTS IS \$35.

ALL PARTS ARE INJECTION MOLDED IN GRAY STYRENE.

**TICHY
TRAIN
GROUP**

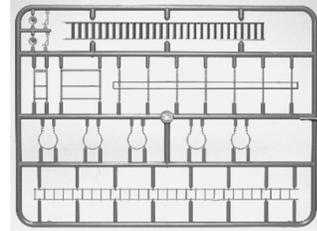
#8249 1 BOX \$29.95

STRUCTURE PARTS



OPEN GRATE PLATFORM
 USED ON INDUSTRIAL BUILDINGS AND
 STRUCTURES. IT MEASURES 3/8" x 3-3/8" AND
 IT INCLUDES THE HANDRAILS. IT IS MOLDED
 IN GRAY STYRENE.

#8001 2 PCS \$3.50



VERTICAL LADDER WITH SAFETY CAGE
 (4.5" LONG) AND A STAIRCASE (3.25" LONG)
 WITH HANDRAIL. IT IS MOLDED IN GRAY STY-
 RENE AND STRIP STYRENE IS INCLUDED FOR
 THE CAGE.

#8002 1 SET \$3.50



RR TIE RETAINING WALLS
 EACH PIECE MEASURES 3/4" x 3-1/4". THEY
 ARE MOLDED IN GRAY STYRENE.

#8012 6 PCS \$3.50



COAL CHUTE
 USED AT RETAIL COAL DEALERS TO LOAD
 COAL INTO WAGONS AND TRUCKS FOR
 DELIVERY. INJECTION MOLDED IN GRAY
 STYRENE.

#8059 3 PCS \$3.50



WELDED ANGLE STEEL BRACKETS
 MEASURE 3/8" ON A SIDE. THEY ARE
 INTENDED FOR USE WITH THE 8001
 PLATFORMS BUT HAVE MANY OTH-
 ER USES ON STRUCTURES. GRAY
 STYRENE.

#8011 16 PCS \$3.50



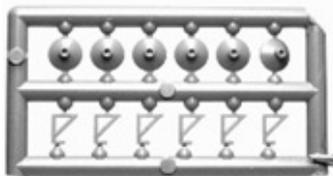
PIPE RAIL FENCES
 EACH PIECE IS 1-1/2" LONG. THEY
 ARE MOLDED IN GRAY STYRENE.

#8013 8 PCS \$3.50



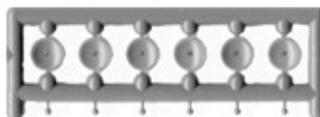
STEEL SECURITY BARS
 WERE COMMONLY INSTALLED OVER
 WINDOWS IN HIGH CRIME AREAS ESPE-
 CIALY ON COMMERCIAL BUILDINGS.
 GRAY INJECTION MOLDED STYRENE.

#8045 12 PCS \$3.50



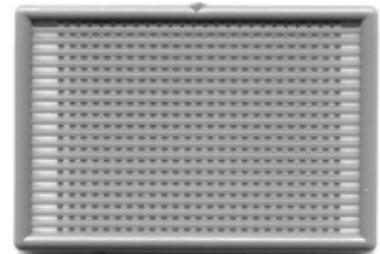
OUTDOOR LIGHT FIXTURES
 FOUND ON MANY BUILDINGS.
 BRACKETS ARE INCLUDED. THEY
 ARE MOLDED IN GRAY STYRENE.

#8170 24 PCS \$4.95



LAMP REFLECTORS WITH BULBS
 THEY ARE NORMALLY MOUNTED TO
 A GOOSENECK FORMED FROM .015
 WIRE (#1102) AND COULD BE FOUND
 ON MANY BUILDINGS. (INJECTION
 MOLDED)

#8027 24 PCS \$3.50



STANDARD LATTICE PANEL
 1" x 1.5"

#8122 3 PCS \$3.50

STRUCTURE PARTS



LOUVERED SHUTTERS

#8039 24 PCS 18" x 56" \$3.50
 #8040 24 PCS 18" x 68" \$3.50
 #8041 24 PCS 18" x 87" \$3.50



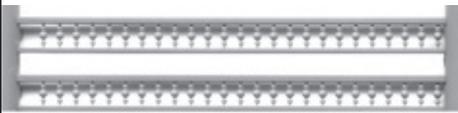
TURNED WOOD PORCH POST
 THEY CAN BE TRIMMED BETWEEN 6
 AND 10 FEET TALL.

#8092 12 PCS \$3.50



TURNED SPINDLE PORCH RAIL
 ABOUT 40" HIGH IN SECTIONS 16
 SCALE FEET LONG. INCLUDES END
 POSTS.

#8093 3 PCS \$3.50



16" HIGH SPOOL RAILING
 16 SCALE FOOT LENGTHS. IT WAS
 OFTEN USED AS DECORATIVE TRIM
 ON THE TOP OF PORCHES.

#8099 6 PCS \$3.50



ROUND SPINDLE PORCH RAIL
 ABOUT 40" HIGH IN SECTIONS 16
 SCALE FEET LONG.

#8109 3PCS \$3.50



LATTICE TRIM PIECE
 18" HIGH IN SECTIONS 16 SCALE
 FEET LONG.

#8110 6 PCS \$3.50



26" DOUBLE S CORBELS
 THEY WERE USED UNDER THE EAVES
 ON VICTORIAN BUILDINGS.

#8101 32 PCS \$3.50



30" DOUBLE S CORBELS
 WITH TOP DETAILING. THEY WERE
 USED UNDER THE EAVES ON VICTO-
 RIAN BUILDINGS.

#8129 28 PCS \$3.50



**STOVEPIPE WITH RAIN CAP AND ROOF
 FLASHING.**

#8141 4 PCS \$3.50



STANDARD BRICK CHIMNEY
 2 COURSE CORBEL AT THE TOP.
 MOLDED IN REDDISH BROWN STYRENE
 WITH CENTER COMPLETELY CORED.

#8123 3 PCS \$3.50



OLD STYLE CHIMNEY CAP
 MOLDED IN REDDISH BROWN
 STYRENE. THE SECOND PHOTO
 SHOWS IT ON OUR 8123 CHIMNEY.

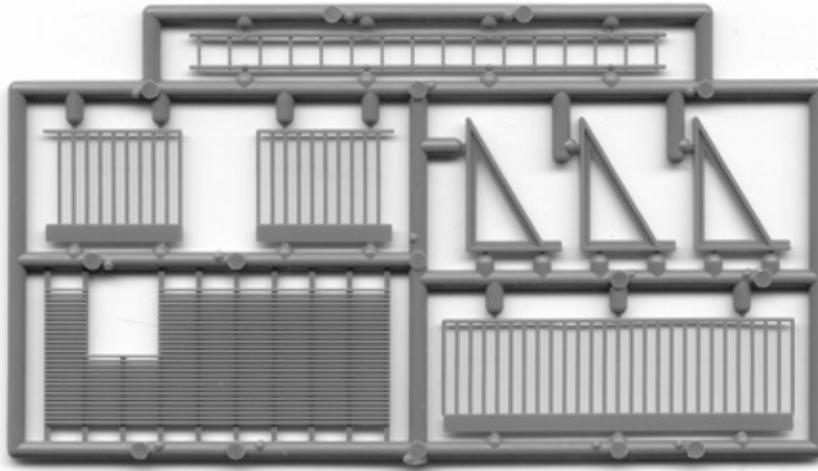
#8156 8 PCS \$3.50



WROUGHT IRON RAILING
 COMMONLY USED ON WIDOWS
 WALKS AND IN OTHER DECORATIVE
 APPLICATIONS. PIECES ARE 1.8" LONG.

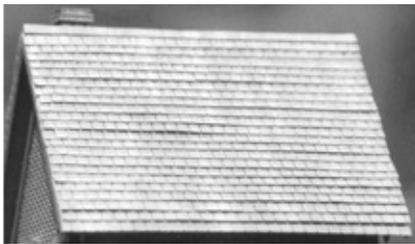
#8148 4 PCS \$3.50

STRUCTURE PARTS



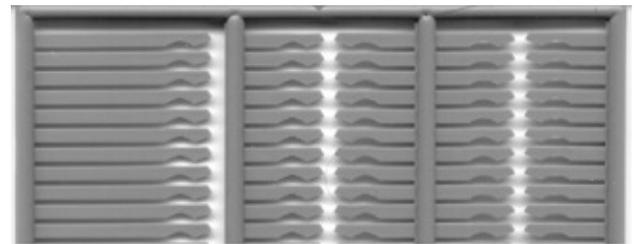
FIRE ESCAPE PLATFORMS
(SET OF TWO) WITH VERTICAL
LADDERS. THEY INCLUDE ALL
BRACKETS AND RAILINGS. THE
GRATES ARE SEE-THROUGH. THEY
ARE MOLDED IN GRAY STYRENE.

#8060 2 SETS \$3.50



SQUARE SLATE SHINGLES STRIPS EACH
BOX CONTAINS 60 SIX INCH STRIPS
FOR A TOTAL OF 36 SQUARE INCHES.
(INJECTION MOLDED)

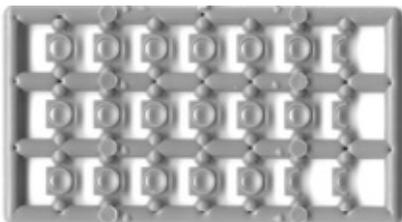
#8135 1 BOX \$16.50



RAFTER TAILS
WITH THE DECORATIVE FRENCH CURVE
CUT INTO THEM FOR USE UNDER EAVES
ON BUILDINGS.

88 PCS 3/8" LONG
22 PCS 7/8" LONG

#8147 1 PACK \$3.50



SQUARE TRIM PIECES
FOR THE TOP AND BOTTOM OF .093
(8") PORCH COLUMNS. TRIM PIECES
FOR 1/2 ROUND COLUMNS ARE ALSO
INCLUDED.
36 FULL, 6 HALF

#8152 1 PACK \$3.50



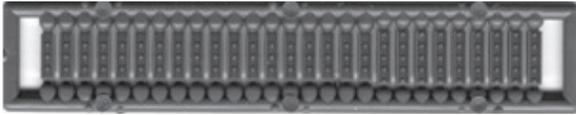
LARGE TRIANGULAR HINGES
THEY ARE INJECTION MOLDED IN GRAY
STYRENE AND ARE ONLY .010 THICK.

#3067 45 PCS \$3.50



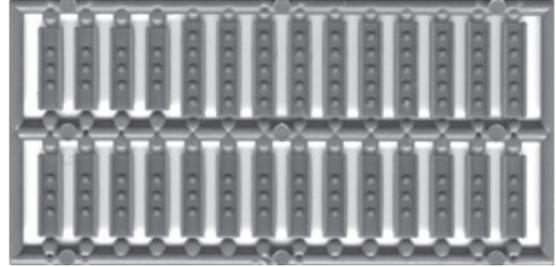
LARGE T STRAP HINGES
THEY ARE INJECTION MOLDED IN GRAY
STYRENE AND ARE ONLY .010 THICK.

#3068 48 PCS \$3.50



6" STEEL CHANNELS WITH BOLT HEADS
 USED TO SPLICE TIMBERS AND REINFORCE TRESTLES. 18
 PCS 28" LONG WITH 5 BOLT HEADS AND 36 PCS 22" LONG
 WITH 3 BOLT HEADS. MOLDED IN RUST STYRENE.

#8185 54 PCS \$3.50



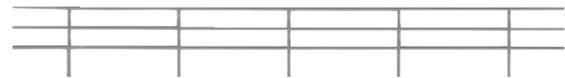
12" STEEL CHANNELS WITH BOLT HEADS
 USED TO SPLICE TIMBERS AND REINFORCE TRESTLES. 18
 PCS 44" LONG WITH 5 BOLT HEADS AND 36 PCS 40" LONG
 WITH 3 BOLT HEADS. MOLDED IN RUST STYRENE.

#8186 54 PCS \$3.50



INDUSTRIAL RAILING
 THAT WAS FABRICATED FROM 1/2" x 3" STEEL STRIP.
 EACH PIECE IS 36" HIGH BY 21 FEET (3")LONG. MOLDED
 IN GRAY STYRENE

#8193 6 PCS 3" LONG \$3.50



PIPE RAILING WITH 6FT POST SPACING.
 EACH PIECE IS 36" HIGH BY 30 FEET (4")LONG. PICTURE IS
 75% OF ACTUAL SIZE. MOLDED IN GRAY STYRENE

#8276 4 PCS 4" LONG \$3.50



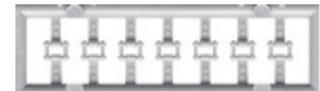
"SNOWBIRDS"
 WERE USED ON ROOFS TO KEEP
 SNOW AND ICE FROM SLIDING OFF.
 MOLDED IN GRAY STYRENE.

#8207 65 PCS \$3.50



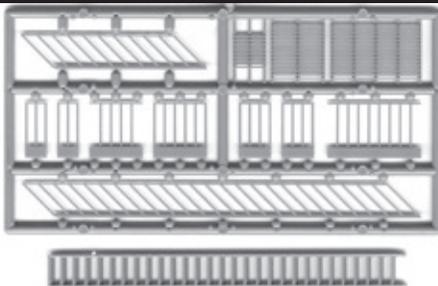
**STATION EAVE SUPPORT
 BRACKETS**
 INCLUDES 10 SIDE BRACKETS
 THAT EXTEND OUT 1" AND 2
 CORNER BRACKETS THAT
 EXTEND 1.5". MOLDED
 IN GRAY STYRENE.

#8204 12 PCS \$3.50



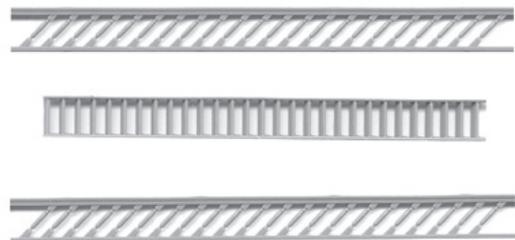
HOOP CONNECTORS
 USED TO CONNECT THE ENDS OF
 THE FLAT STEEL BANDS ON WOODEN
 WATER TANKS AND SILOS. MOLDED
 IN GRAY STYRENE.

#8209 14 PCS \$3.50



STAIRCASE PLATFORMS AND RAILINGS
 IT IS INTENDED FOR EXTERNAL USE ON BUILDINGS SUCH AS
 INTERLOCKING TOWERS. DIFFERENT SIZE PLATFORMS ARE
 USED FOR LANDINGS AND GOING AROUND A BUILDING CORNER.
 MOLDED IN GRAY STYRENE.

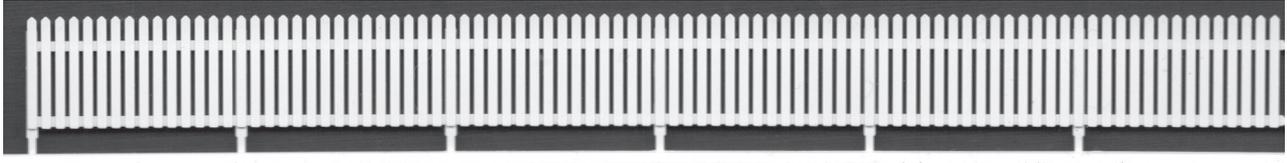
#8208
 1 SET
 \$3.50



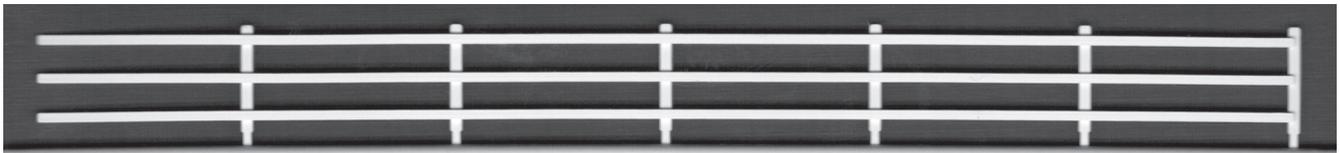
STAIRCASE WITH TURNED SPINDLE RAILINGS
 THAT MATCH OUR 8093 RAILINGS. PIECES ARE ABOUT 3
 INCHES LONG. MOLDED IN GRAY STYRENE.

#8213 1 SET \$3.50

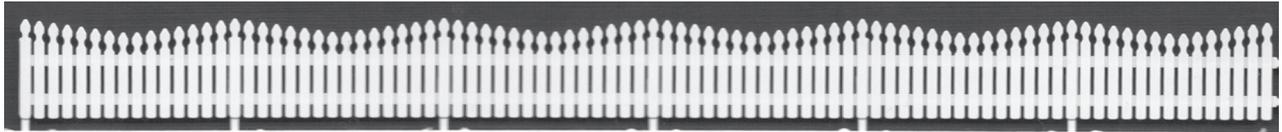
STRUCTURE PARTS



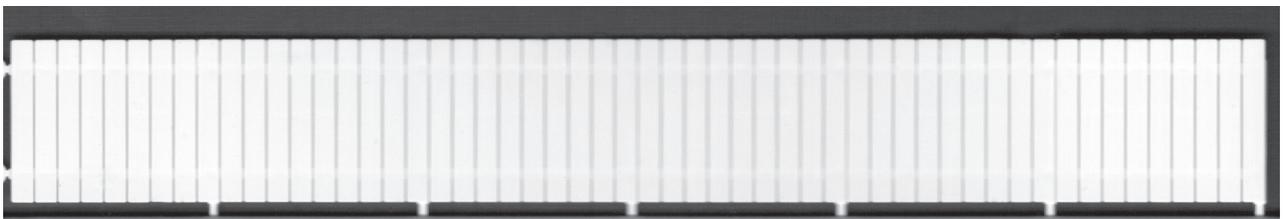
4' PICKET FENCE
FIVE 6.5" LONG PIECES (32.5" TOTAL)
#8278 5 PCS \$5.00
#8279 20 PCS \$16.00



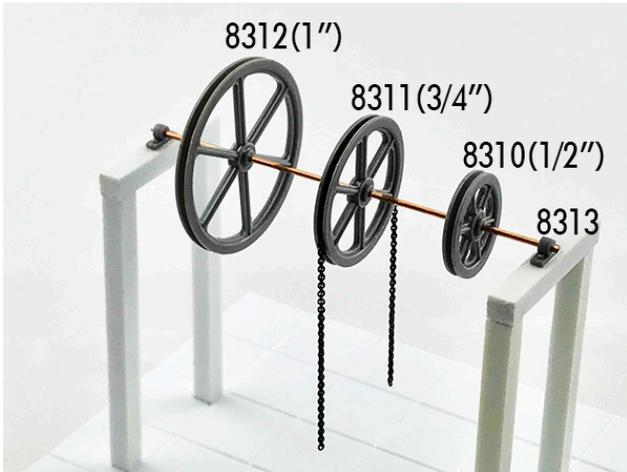
4' THREE RAIL WOOD FENCE
FIVE 6.5" LONG PIECES (32.5" TOTAL)
#8280 5 PCS \$5.00
#8281 20 PCS \$16.00



FANCY PICKET FENCE
FIVE 6.5" LONG PIECES (32.5" TOTAL)
#8282 5 PCS \$5.00
#8283 20 PCS \$16.00



6' BOARD FENCE
FIVE 6.5" LONG PIECES (32.5" TOTAL)
#8284 5 PCS \$5.00
#8285 20 PCS \$16.00



- #8310 4' DIAMETER SHEAVES \$3.50
- #8311 6' DIAMETER SHEAVES \$3.50
- #8312 8' DIAMETER SHEAVES \$3.50

EACH PACKAGE INCLUDES 2 SHEAVES AND 4 PILLOW BLOCKS

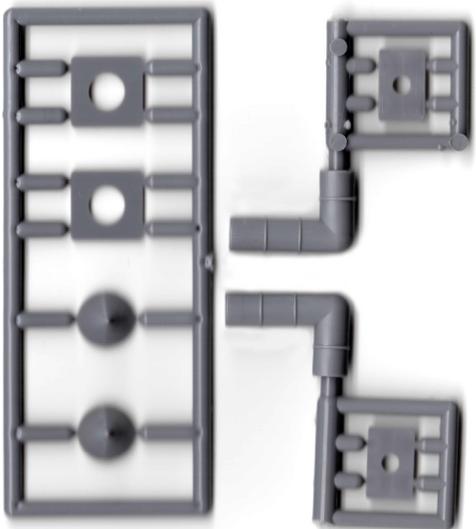
- #8313 PILLOW BLOCKS 36 PCS \$3.50

THESE ARE SHEAVES USED IN MINES, ON CRANES, BARGES, LIFTS, PILE DRIVERS AND OTHER INDUSTRIAL EQUIPMENT. THEY INCLUDE PILLOW BLOCKS FOR SHAFT MOUNTING. SHEAVES AND PILLOW BLOCKS ARE CORED FOR .032 WIRE (OUR PART 1105).



THESE ARE WOOD LADDERS 3.75" TALL (27 SCALE FEET)
INJECTION MOLDED IN GRAY STYRENE

- #8316 4 PCS \$3.50



THIS IS A RIGHT ANGLE VENT FOR COMING OUT OF THE SIDE OF A STRUCTURE. IT INCLUDES THE VENT PIPE, FLASHING & TAPERED STACK CAP. PIPE IS 16" DIAMETER BY 3' x 5'. THE END OF THE PIPE IS HOLLOW. PIPE CAN BE EXTENDED WITH KIT 8293. PARTS ARE INJECTION MOLDED IN GRAY STYRENE.

- #8292 2 SETS \$4.50



THIS IS A STRAIGHT VENT FOR COMING OUT OF THE ROOF OF A STRUCTURE. IT INCLUDES THE VENT PIPE, FLASHING & TAPERED STACK CAP. DIMENSIONS ARE 16" DIAMETER BY 12' LONG. THE END OF THE PIPE IS HOLLOW. PIPE CAN BE USED WITH KIT 8292. PARTS ARE INJECTION MOLDED IN GRAY STYRENE.

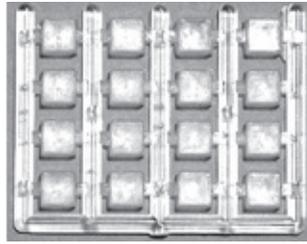
- #8293 2 SETS \$4.50

DETAILS



STANDARD 40" x 48" SKIDS USED TO TRANSPORT A WIDE VARIETY OF PRODUCTS. 18 BOTTOMS ARE INCLUDED FOR MAKING PALLETS.

#8171 36 PCS \$4.95



STANDARD SIZE REEFER ICE BLOCKS MOLDED IN CLEAR IMPACT STYRENE.

#8172 64 PCS \$4.95



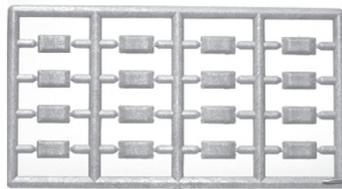
STANDARD 10 GALLON MILK CANS. THEY WERE USED TO TRANSPORT MILK FROM FARMS TO THE DAIRIES THROUGH THE 50'S.

#8173 50 PCS \$4.95



THIS KIT BUILDS EIGHT CRATES RANGING IN SIZE FROM 2x2x2 TO 4x4x8 FEET. MOLDED IN GRAY STYRENE.

#8174 8 PCS \$4.95



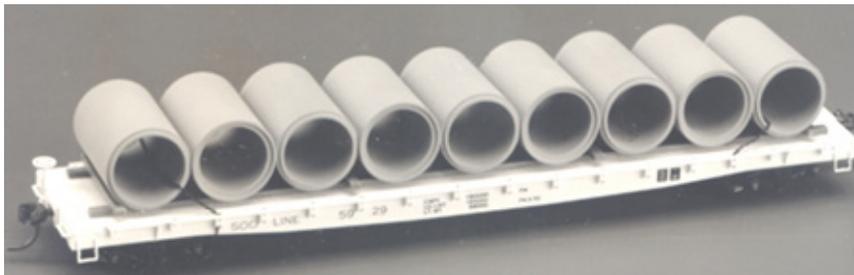
STANDARD SIZE BURLAP SACKS MOLDED IN BEIGE STYRENE.

#8175 64 PCS \$4.95



AN EARLY STREET LAMP. THE POST AND CAP ARE MOLDED IN BLACK STYRENE AND THE LENS IS MOLDED IN CRYSTAL STYRENE.

#8155 8 PCS \$4.00



THIS LOAD REPRESENTS 6' DIAMETER PRECAST CONCRETE PIPE. IT INCLUDES THE CRIBBING AND BRASS CHAIN. SHOWN ON OUR KIT #1000. KIT DOES TWO CARS (18 PIPES)

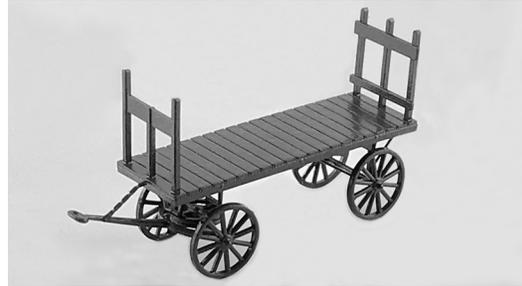
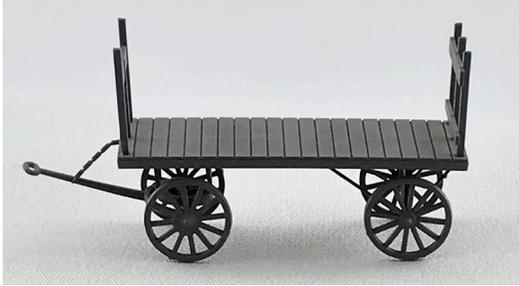
#3056 1 BOX \$10.50



STANDARD 55 GALLON STEEL DRUMS. THEY ARE MOLDED IN ONE PIECE IN RUST COLORED STYRENE. BOTH METAL LIDS AND WOOD FIRE LIDS ARE INCLUDED. WOOD LIDS WERE COMMON ON FIRE BARRELS USED ON TRESTLES. SHOWN WITH KIT 4040.

#8211 12 DRUMS, 24 LIDS \$3.50
#8212 96 DRUMS, 192 LIDS \$20.00





STANDARD 4 WHEEL WOODEN BAGGAGE WAGON USED THROUGHOUT THE ENTIRE ERA OF PASSENGER RAIL TRANSPORT. IT IS INJECTION MOLDED IN GRAY STYRENE.

BAGGAGE WAGONS

#8317 2 KITS \$5.00

#8318 10 KITS \$20.00



PRR PIPE RAILING STANCHIONS AS USED FROM 1906 TO PRESENT. EACH PACK CONTAINS 30 STANCHIONS WHICH CREATE 33 INCHES OF RAILING. THE BOTTOM STEM MOUNTS IN A 1/32" HOLE. THE TOP RAIL REQUIRES .02 WIRE (OUR PART 1103, 8" PIECES OR 1114, 3' PIECES) AND THE MIDDLE RAIL REQUIRES .015 WIRE (OUR PART 1102, 8" PIECES OR 1113, 3' PIECES). PARTS ARE MOLDED IN BLACK STYRENE.

#8300 30 PCS \$3.50

TOOLS & DETAILS



**STANDARD PICKAXE
INJECTION MOLDED IN GRAY STY-
RENE.**

#8224 15 PCS \$3.50



**STANDARD SLEDGE HAMMER
INJECTION MOLDED IN GRAY
STYRENE.**

#8225 30 PCS \$3.50



**LARGE CROWBAR
INJECTION MOLDED IN GRAY
STYRENE.**

#8226 27 PCS \$3.50



**SMALL GAS CYLINDER
INJECTION MOLDED IN GRAY STY-
RENE.**

#8227 15 PCS \$3.50



**STANDARD SCREW JACK 24"
HIGH INJECTION MOLDED IN GRAY
STYRENE.**

#8228 8 PCS \$3.50



**LARGE GAS CYLINDER
INJECTION MOLDED IN GRAY
STYRENE.**

#8232 20 PCS \$3.50



**BRISTLE BROOM
INJECTION MOLDED IN GRAY STY-
RENE.**

#8233 14 PCS \$3.50



**STANDARD MAILBOX ON A POST
INJECTION MOLDED IN GRAY
STYRENE.**

#8234 12 PCS \$3.50



**PLASTIC ROLLER BEARINGS
THAT FIT ONTO 1/16" AXLES. THEY CAN BE
USED TO DRESS UP MODERN WHEELSETS
OR AS A GONDOLA LOAD. THEY ARE
INJECTION MOLDED IN RUST STYRENE.**

#3080 36 PCS \$3.00

ASSORTED TOOLS



- 5 PICKAXES
- 10 SLEDGE HAMMERS
- 9 CROWBARS
- 4 SCREW JACKS
- 7 BROOMS
- 5 SMALL GAS CYLINDERS
- 10 LARGE CYLINDERS

#8290 50 PCS \$8.00

NBW & RIVET TABLE					
#	QTY	PRICE	DESCRIPTION	STEM	SIZE
8016	200	3.00	NBW	.015	1" BOLT, 1.5" SQ NUT, 2" WASHER
8017	200	3.00	.02 DIA RIVET	.015	1.75" DIA RIVET
8018	200	3.00	.025 DIA RIVET	.015	2.2" DIA RIVET
8019	200	3.00	.03 DIA RIVET	.015	2.6" DIA RIVET
8020	200	3.00	.035 DIA RIVET	.015	3" DIA RIVET
8034	96	3.00	NBW	.032	1.75" BOLT, 3" SQ NUT 6" WASHER
8035	96	3.00	BOLT/WASHER	.032	3" SQ BOLT, 6" WASHER
8075	96	3.00	.04 RIVET	.032	3.4" DIA RIVET
8076	96	3.00	.05 RIVET	.032	4.3" DIA RIVET
8077	96	3.00	.06 RIVET	.032	5.2" DIA RIVET
8078	96	3.00	.07 RIVET	.032	6" DIA RIVET
8079	96	3.00	.08 RIVET	.032	7" DIA RIVET
8080	96	3.00	NBW	.032	4.5" HEX NUT, BOLT, 7" WASHER
8081	96	3.00	NUT/BOLT	.032	4.5" HEX NUT, BOLT
8082	96	3.00	NBW	.032	3" SQ NUT, BOLT, 6" SQ WASHER
8083	96	3.00	HEX BOLT	.032	6" HEX BOLT
8084	96	3.00	BOLT/WASHER	.032	6" HEX BOLT, 7" WASHER
8085	96	3.00	HEX BOLT	.032	4.5" HEX BOLT
8142	200	3.00	NBW	.015	1" BOLT, 2" SQ NUT, 3.5" WASHER
8143	48	3.00	NBW	.032	3" BOLT, 5" NUT, 12" SQ WASHER
8144	96	3.00	NBW	.032	2" BOLT, 3" SQ NUT, 5" WASHER
8145	96	3.00	STAR	.032	8" DIAMETER STAR
8146	48	3.00	STAR	.032	12" DIAMETER STAR
8265	96	3.00	.04 CONICAL RIVET	.032	3.4" DIA CONICAL RIVET
8266	96	3.00	.05 CONICAL RIVET	.032	4.3" DIA CONICAL RIVET
8267	96	3.00	.06 CONICAL RIVET	.032	5.2" DIA CONICAL RIVET
8268	96	3.00	.07 CONICAL RIVET	.032	6" DIA CONICAL RIVET
8269	96	3.00	.08 CONICAL RIVET	.032	7" DIA CONICAL RIVET
8270	96	3.00	HEX BOLT WASHER	.032	4.5" HEX BOLT, 7" WASHER
8271	96	3.00	HEX NUT WASHER	.032	5.5" HEX NUT, 7" WASHER
8272	40	3.00	NBW	.05	4" BOLT, 7" SQ NUT, 13" WASHER
8273	40	3.00	BOLT/WASHER	.05	7" SQ BOLT, 13" WASHER
8274	40	3.00	NBW	.05	6" BOLT, 10" SQ NUT, 20" WASHER
8275	40	3.00	BOLT/WASHER	.032	10" SQ BOLT, 20" WASHER

PHOSPHOR BRONZE WIRE - 8" STRAIGHT PIECES IN TUBES				PHOSPHOR BRONZE WIRE 3 FT 12 STRAIGHT PIECES IN TUBES	
#	PRICE	QTY	DESCRIPTION	PART#	PRICE
1100	3	10	.008 WIRE	1110	18.00
1101	3	12	.010 WIRE	1111	18.00
1106	3	12	.0125 WIRE	1112	18.00
1102	3	12	.015 WIRE	1113	18.00
1103	3	12	.020 WIRE	1114	18.00
1104	3	12	.025 WIRE	1115	18.00
1105	3	12	.032 WIRE	1116	18.00
1107	3	12	.040 WIRE	1117	18.00

RIVET PLATES & INSULATORS



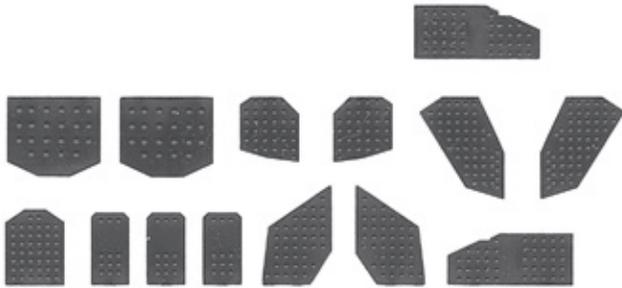
STEEL REINFORCING PLATE SCALE 16" x 22" WITH RIVET DETAIL. MOLDED IN ABS PLASTIC .015" THICK WITH RIVET DETAIL.

#8214 60 PCS \$3.50



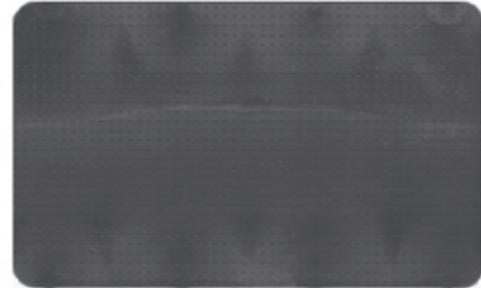
STEEL REINFORCING PLATE SCALE 16" x 40" WITH RIVET DETAIL. MOLDED IN ABS PLASTIC .015" THICK WITH RIVET DETAIL.

#8215 60 PCS \$3.50



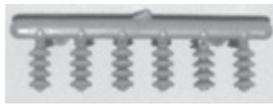
SCALE STEEL REINFORCING PLATES WITH RIVET DETAIL. MOLDED IN ABS PLASTIC .015" THICK WITH RIVET DETAIL.

#8216 28 PCS \$3.50



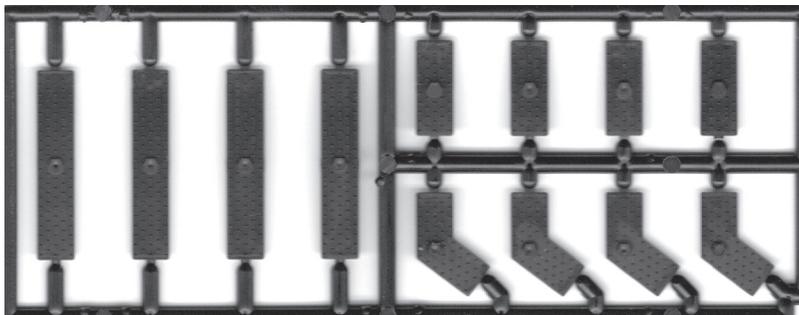
ABS PLASTIC PLATE .018 THICK WITH 1 3/8 DIAMETER (.015) RIVETS ON 5" CENTERS. USED TO FABRICATE GUSSET PLATES, SPLICES, BEAMS, ETC. 2 PIECES 1.5" x 2.5".

#8230 2 PCS \$3.50



PRR STYLE CATENARY INSULATORS MOLDED IN GRAY STYRENE. THEY ARE USED TO MODEL THE OVERHEAD POWER SYSTEMS USED ON THE PRR, NH, VIRGINIA, GN AND OTHERS. THEY ARE CORED FOR .025 OR SMALLER WIRE. SECTIONS CAN EASILY BE CUT OFF FOR SHORTER INSULATORS. THEY ARE ALSO USEFUL ON HIGH TENSION TRANSMISSION TOWERS. 8158B IS AVAILABLE DIRECT ONLY!!

#8158 24 PCS \$3.50
#8158B 600 PCS \$62.00



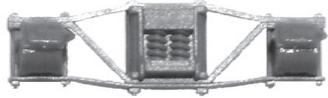
TRUSS PIN PLATES. ASSORTED
24 PIECES.

#8277 24 PCS \$3.50

TRUCKS

51

ALL TRUCKS INCLUDE MOLDED DELRIN WHEELSETS



STANDARD ARCH BAR
STYRENE/NYLON BEARINGS

#3002 1PR \$3.00
#3035 10 PR \$14.50



ROLLER BEARING
DELRIN

#3009 1PR \$3.00
#3036 10 PR \$14.50



BETTENDORF
DELRIN

#3024 1PR \$3.00
#3025 10 PR \$14.50



ANDREWS
DELRIN

#3026 1PR \$3.00
#3027 10 PR \$15.50



HD 100 TON ARCH BAR
STYRENE/NYLON BEARINGS

#3022 1PR \$3.00



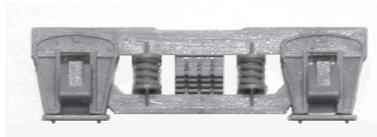
LEAF/COIL EXPRESS
DELRIN

#3049 1PR \$3.00
#3050 10 PR \$15.50



CABOOSE DOUBLE LEAF SPRING
DELRIN

#3051 1PR \$3.00
#3052 10 PR \$15.50



6' COMMONWEALTH MILK/EXPRESS
STYRENE/NYLON BEARINGS

#3060 1PR \$9.95



NYLON BEARINGS
USED TO IMPROVE TRUCKS ES-
PECIALLY BRASS IMPORTS

#3059 48 PCS \$3.50



EQUILIZED BETTENDORF
DELRIN
DELICATE - NOT INTENDED FOR
HARSH USE

#3008 1PR \$3.00
#3014 10 PR \$14.50



EQUILIZED ANDREWS
DELRIN
DELICATE - NOT INTENDED FOR
HARSH USE

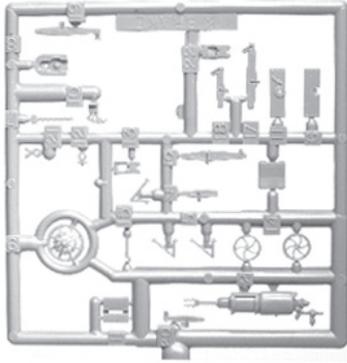
#3012 1PR \$3.00
#3016 10 PR \$15.50



PASSENGER TRUCKS
"PING PONG" STYLE
INCLUDES 36" WHEELSETS

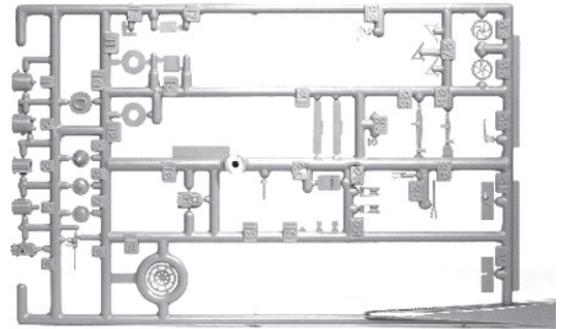
#3079 1PR \$4.95

BRAKE GEAR



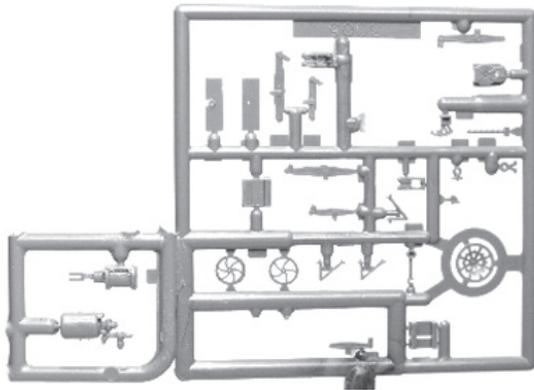
STANDARD WESTINGHOUSE K-BRAKE SET IT WAS IN USE FROM 1900 TO 1942. IT INCLUDES THE CYLINDER, MOUNTS AND BRAKE LEVERS. IT ALSO INCLUDES YOUR CHOICE OF A VERTICAL STAFF AND BRAKE WHEEL OR AN AJAX ASSEMBLY FOR THE CAR END. MOLDED IN GRAY STYRENE.

#3005 1 SET \$3.00



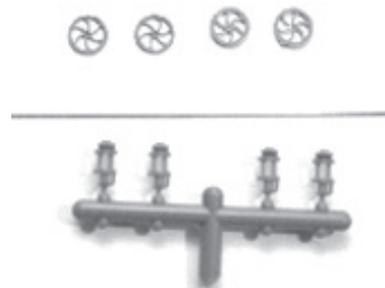
STANDARD WESTINGHOUSE AB-BRAKE SET IT WAS IN USE FROM 1940 TO NOW. IT INCLUDES THE CYLINDER, RESERVOIR, MOUNTS AND BRAKE LEVERS. IT ALSO INCLUDES YOUR CHOICE OF A VERTICAL STAFF AND BRAKE WHEEL OR AN AJAX ASSEMBLY FOR THE CAR END. MOLDED IN GRAY STYRENE.

#3013 1 SET \$3.00



STANDARD WESTINGHOUSE SPLIT K-BRAKE SET. IT WAS IN USE FROM 1900 TO 1942. IT INCLUDES THE CYLINDER, RESERVOIR, MOUNTS AND BRAKE LEVERS. IT ALSO INCLUDES YOUR CHOICE OF A VERTICAL STAFF AND BRAKE WHEEL OR AN AJAX ASSEMBLY FOR THE CAR END. MOLDED IN GRAY STYRENE.

#3034 1 SET \$3.00



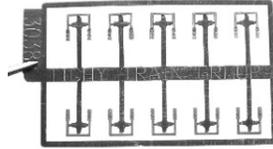
STANDARD VERTICAL BRAKE WHEEL ASSEMBLY FOR USE ON FLAT CARS AND SOME GONDOLAS AND ORE CARS. MOLDED IN GRAY STYRENE WITH PHOSPHOR BRONZE WIRE.

#3003 4 SETS \$2.00

FREIGHT CAR STIRRUPS

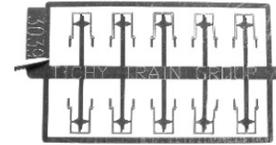
53

THESE FREIGHT CAR STIRRUPS ARE MOLDED IN DELRIN PLASTIC FOR MAXIMUM DURABILITY. THEY SHOULD BE ATTACHED USING SUPERGLUE. ANY MODEL PAINT MAY BE USED. THEY COME IN SPRUES OF TEN SO YOU CAN LOSE TWO AND STILL COMPLETE TWO CARS. ALL PACKAGES ARE \$2.00 EACH.



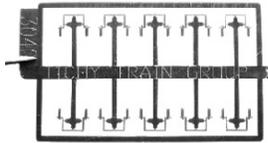
STRAIGHT SIDE MOUNT

#3038



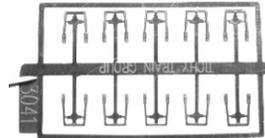
STRAIGHT BOTTOM MOUNT

#3039



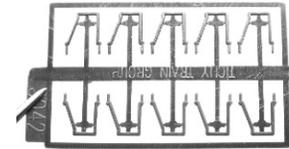
SHORT STRAIGHT BOTTOM MOUNT

#3040



SLANT SIDE MOUNT

#3041



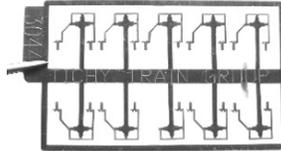
ANGLED OFFSET BOTTOM MOUNT

#3042



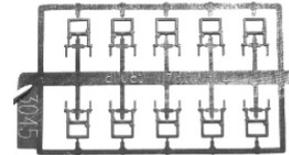
DOUBLE OFFSET BOTTOM MOUNT

#3043



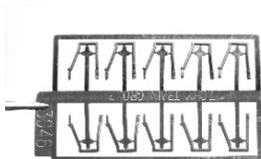
STEPPED OFFSET BOTTOM MOUNT

#3044



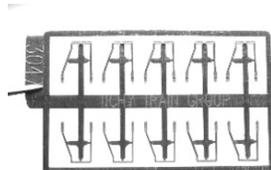
STRAIGHT DBL STEP BOTTOM MOUNT

#3045



ANGLED SIDE BOTTOM MOUNT

#3046



ANGLED OFFSET SIDE MOUNT

#3047

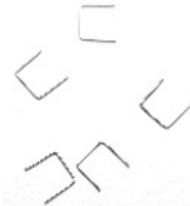
GRABIRONS

ALL GRABIRONS ARE PRECISION FORMED FROM PHOSPHOR BRONZE WIRE. WIRE DIAMETER IS .0125. USE A #77 DRILL FOR MOUNTING HOLES. GLUE IN PLACE WITH SUPER GLUE. THEY ARE COMPATIBLE WITH ALL MODEL PAINTS. THE BRACKET GRABIRONS ARE MOLDED IN GRAY STYRENE. THE EYEBOLTS ARE MOLDED IN ABS.



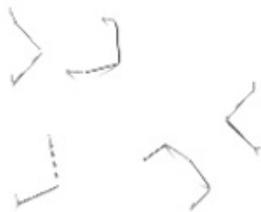
18" DROP GRABIRONS

#3015 100 PCS \$3.50



18" STRAIGHT GRABIRONS

#3021 100 PCS \$3.50



ROOF CORNER GRABIRONS

#3028 100 PCS \$3.50



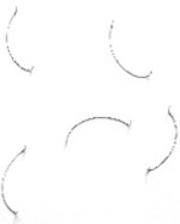
24" STRAIGHT GRABIRONS

#3053 50 PCS \$3.50



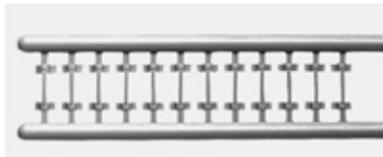
24" DROP GRABIRONS

#3057 50 PCS \$3.50



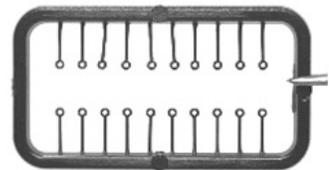
CURVED CABOOSE GRABIRONS

#3054 25 PCS \$3.50



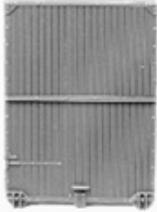
BRACKET GRABIRONS

#3075 48 PCS \$4.95



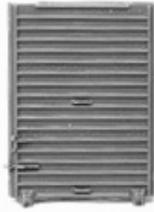
EYEBOLTS

#3037 80 PCS \$3.50



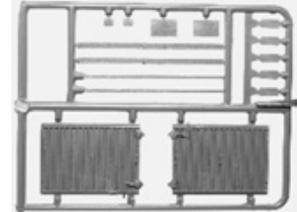
6' W BY 8' 10" HIGH WOOD CAMEL #50 DOOR. IT WAS COMMONLY USED ON BOX CARS FROM 1900 TO 1950. IT IS MOLDED IN GRAY STYRENE AND COMES WITH THE DOOR TRACKS.

#3017 1 PAIR \$3.00



6' W BY 8' 10" HIGH YOUNGSTOWN STEEL DOOR. IT WAS COMMONLY USED ON BOX CARS FROM 1915 TO 1960. IT IS MOLDED IN GRAY STYRENE AND COMES WITH THE DOOR TRACKS.

#3018 1 PAIR \$3.00



6' W BY 9' 4" HIGH YOUNGSTOWN STEEL DOOR. IT WAS COMMONLY USED ON BOX CARS FROM 1920 TO 1960. IT IS MOLDED IN GRAY STYRENE AND COMES WITH THE DOOR TRACKS.

#3055 1 PAIR \$3.00



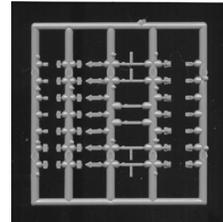
LARGE TRIANGULAR HINGES AS USED ON EARLY BOXCARS AND ESPECIALLY REFRIGERATOR CARS. THEY ARE INJECTION MOLDED IN GRAY STYRENE AND ARE ONLY .010 THICK.

#3067 45 PCS \$3.50



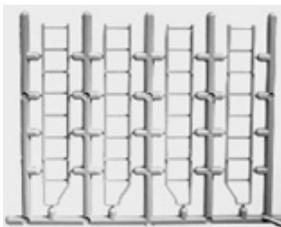
LARGE STRAP HINGES AS USED ON EARLY BOXCARS AND ESPECIALLY ON END DOORS. THEY ARE INJECTION MOLDED IN GRAY STYRENE AND ARE ONLY .010 THICK.

#3068 48 PCS \$3.50



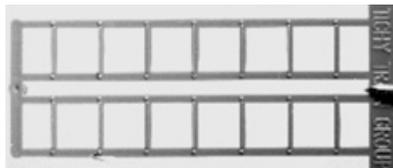
SET OF ALL METAL PARTS IN VARIOUS STYLES FOR EARLY WOODEN BOXCAR DOORS. IT CONTAINS PARTS FOR BOTH SIDES ALONG WITH SHIMS FOR VARIOUS THICKNESS DOORS.

#3070 1 SET \$3.00



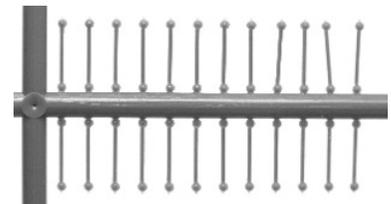
THESE LADDERS MODEL THE WELDED STEEL LADDERS WITH ATTACHED STIRRUPS COMMONLY USED IN CANADA AND ON SOME AMERICAN ROADS. THE STIRRUPS CAN BE CUT OFF IF DESIRED.

#3076 16 PCS \$4.95



THESE LADDERS MODEL THE RIVETED STEEL LADDERS USED ON MOST FREIGHT CARS FROM 1900 TO 1960. THEY ARE MOLDED IN GRAY STYRENE.

#3033 24 PCS \$3.00



THESE LADDER RUNGS MODEL THE 18" BARS WITH RIVETED ENDS USED TO FORM LADDERS BETWEEN POSTS ON CAR SIDES OR BETWEEN END BULKHEADS. THEY ARE MOLDED IN GRAY STYRENE.

#3062 48 PCS \$3.00



THESE LADDERS MODEL THE WELDED STEEL LADDERS USED ON MOST REFRIGERATOR CARS FROM 1920 TO 1960. THEY ARE MOLDED IN GRAY STYRENE.

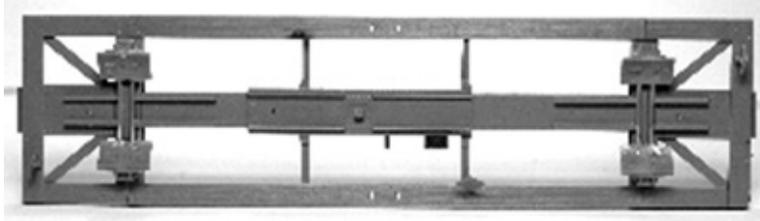
#3065 8 PCS \$2.50



THESE LADDERS MODEL THE WELDED STEEL LADDERS USED ON MOST HIGH BOXCARS FROM 1920 TO 1960. THEY HAVE A 14" RUNG SPACING THEY ARE MOLDED IN GRAY STYRENE.

#3066 8 PCS \$2.50

UNDERFRAMES & PARTS



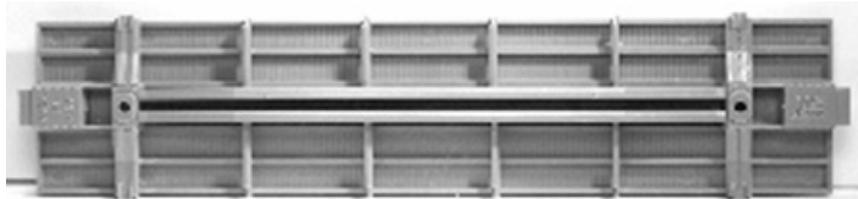
THIS IS THE UNDERFRAME FROM TANK CAR KITS 4020 & 4025. IT IS FOR 8 - 10,000 GALLON CARS BUILT FROM THE 20'S TO THE 50'S. IT INCLUDES THE K-BRAKE CYLINDER, SADDLES AND WARNING PLACARDS. IT IS A STEEL CENTERSILL WITH WOODEN SIDE WALKS. THIS KIT IS INJECTION MOLDED IN GRAY STYRENE.

#3011 \$3.95



THIS IS THE UNDERFRAME FROM THE USRA SINGLE SHEATH BOXCAR KIT 4026. IT IS TYPICAL OF THE EARLY (1919) STEEL UNDERFRAMES USED ON FREIGHT CARS. IT IS FOR A 40' CAR. IT IS INJECTION MOLDED IN GRAY STYRENE.

#3019 \$3.95



THIS IS THE BETTENDORF STEEL UNDERFRAME USED IN THE REEFER KIT 4024. IT WAS A STANDARD UNDERFRAME ASSEMBLY USED IN THE 20'S & 30'S ON MANY FREIGHT CARS. IT IS INJECTION MOLDED IN GRAY STYRENE.

#3030 \$3.95

THESE ARE QUEENPOSTS. THEY WERE USED UNDER EARLY (PRE 1920) FREIGHT AND PASSENGER CARS TO SPACE DOWN THE TRUSSRODS THAT SUPPORTED THE CAR. THEY COME IN PACKS OF 27 FOR \$3.00.



3"
#3071



5"
#3072



6"
#3073



10"
#3074

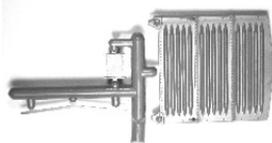


THESE ARE THE TURNBUCKLES USED TO TENSION THE TRUSS RODS FOUND UNDER EARLY FREIGHT CARS. THEY ARE MOLDED IN RUST STYRENE AND CORED FOR .015 WIRE.

#8021 24 PCS \$3.00

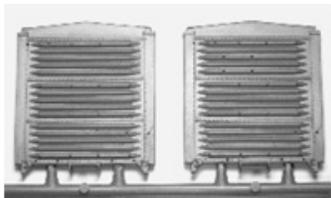
ENDS & ROOFWALKS

57



5/5/5 END FOR USRA DS STYLE CARS AND CLONES. IT IS AN EARLY STEEL END (1918) MADE UP OF THREE PANELS. THESE CARS ARE 9' 4" WIDE WITH 9' 6" HIGH SIDES. MOLDED IN GRAY STYRENE.

#3001 1 PAIR \$3.00



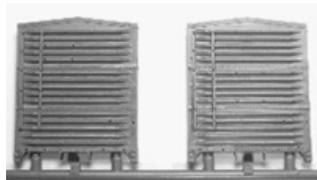
5/5/5 END FOR USRA SS STYLE CARS AND CLONES. IT IS AN EARLY STEEL END (1918) MADE UP OF THREE PANELS. THESE CARS ARE 8' 9" WIDE WITH 9' 6" HIGH SIDES. MOLDED IN GRAY STYRENE.

#3020 1 PAIR \$3.00



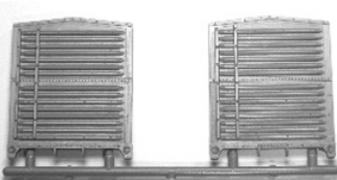
REBUILT 5/5/5/1 END FOR USRA SS STYLE CARS REBUILT WITH STEEL SIDES. IT HAS AN EXTRA 1 RIB TOP PANEL AND WIDTH EXTENSION PANELS. THESE CARS ARE 9' 10" WIDE WITH 10' HIGH SIDES. MOLDED IN GRAY STYRENE.

#3031 1 PAIR \$3.00



REBUILT 5/5/5 END FOR USRA SS STYLE CARS REBUILT WITH STEEL SIDES. IT HAS AN EXTRA FLAT TOP PANEL AND WIDTH EXTENSION PANELS. THESE CARS ARE 9' 10" WIDE WITH 10' HIGH SIDES. MOLDED IN GRAY STYRENE.

#3032 1 PAIR \$3.00



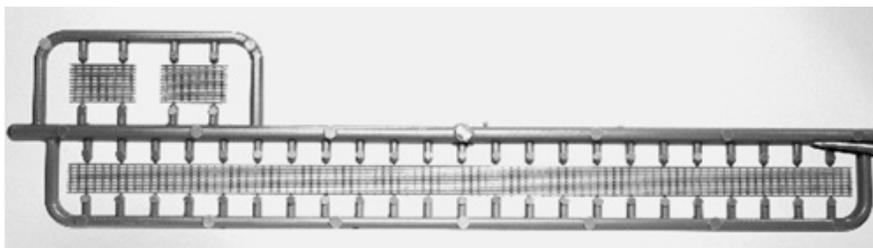
7/8 STYLE END FOR USRA STYLE CARS AND CLONES. THESE CARS ARE 10' WIDE WITH 10' HIGH SIDES. MOLDED IN GRAY STYRENE.

#3058 1 PAIR \$3.00



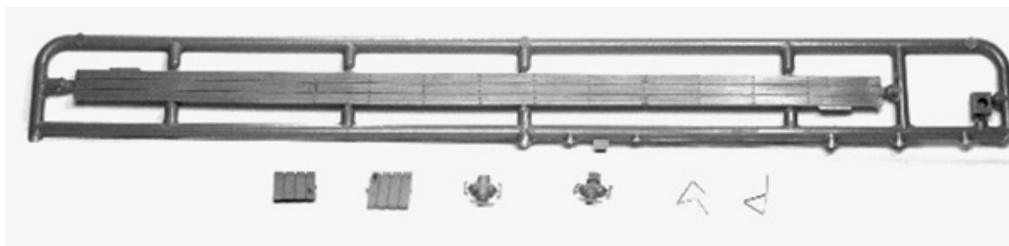
YOUNGSTOWN STANDARD STEEL DROP ENDS FOR MILL GONDOLAS. THEY WERE USED FROM THE 30'S TO THE PRESENT. THEY ARE PROTOTYPICALLY THIN WITH CORRUGATIONS ON BOTH SIDES. THEY MEASURE 1.25" W x .5" H (9' x 44").

#3061 1 PAIR \$2.50



STEEL GRATE ROOFWALK MOLDED IN GRAY STYRENE WITH SCALE SEE THROUGH OPENINGS. IT IS SUPPLIED IN 40' LENGTHS WHICH CAN BE JOINED FOR LONGER CARS. IT WAS FIRST USED ON FREIGHT CARS IN THE LATE 30'S AND WAS THE STANDARD ROOFWALK MATERIAL WHEN THEY WERE DISCONTINUED IN THE 60'S. IT CAN ALSO BE USED ON INDUSTRIAL STRUCTURES.

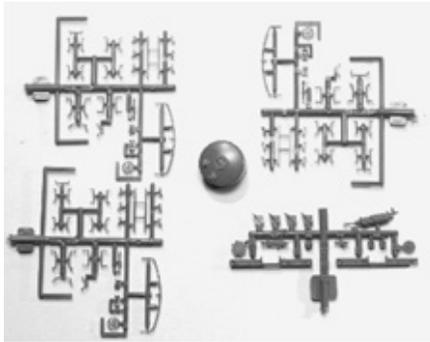
#3077 3 SETS \$5.95



40' WOOD ROOFWALK MOLDED IN GRAY STYRENE. IT WAS USED ON FREIGHT CARS IN ALL ERAS. IT INCLUDES SIDE WALKS, END BRACKETS AND ROOF CORNER GRABIRONS.

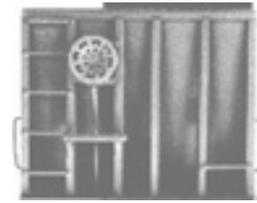
#3029 1 SET \$2.50

FREIGHT CAR DETAILS



THIS KIT INCLUDES ALL THE PARTS SHOWN MOLDED IN GRAY STYRENE. IT IS USED FOR DETAILING STEAM ERA TANK CARS.

#3007 \$4.95



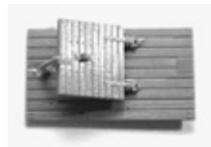
BULKHEAD ENDS FROM THE PULPWOOD CAR KIT 4042. IT INCLUDES THE BULKHEAD PLATE AND ALL THE TRIANGULAR GUSSETS, THEY ARE MOLDED IN GRAY STYRENE.

#3064 1 PAIR \$3.95



THIS PACKAGE CONTAINS 32 CAST IRON STAKE POCKETS MOLDED IN GRAY STYRENE. THEY WERE USED ON FLAT CARS FROM 1900 TO 1960.

#3006 32 PCS \$2.00



SET OF 4 WOOD ICE HATCHES USED ON REFRIGERATOR CARS FROM THE 1900'S TO 1970. THEY CAN BE BUILT OPEN OR CLOSED WITH FULL INSIDE DETAIL IN THE OPEN POSITION. CORNER GRABIRONS ARE INCLUDED.

#3023 4 HATCHES \$3.00



THESE ARE THE GUSSETS THAT WERE USED TO REINFORCE THE TOP CORNERS OF OPEN CARS SUCH AS HOPPERS AND GONDOLAS. THEY ARE MOLDED IN GRAY STYRENE.

#3063 12 PCS \$3.00



STANDARD RIVETED STEEL FREIGHT CAR BOLSTERS USED ON CARS FROM 1910 TO 1950. THE TRUCKS MOUNT TO THEM WITH 2-56 SCREWS. THEY ARE MOLDED IN GRAY STYRENE.

#3069 3 PAIR \$3.50



INJECTION MOLDED ROOFWALK SUPPORT USED ON BOXCARS AND OTHER HOUSE CARS. IT IS MOLDED WITH THE ROOF ANGLE VEE ALREADY IN FOR EASE OF USE. PARTS ARE .23 INCHES WIDE.

#3081 84 PCS \$3.00



"U" SHAPED WINCH USED TO TIGHTEN NYLON OR STEEL STRAPPING USED TO SECURE LOADS ON FLAT AND OPEN CARS AS WELL AS TRUCKS. IT IS INJECTION MOLDED IN GRAY STYRENE.

#3082 36 PCS \$3.00

BILLBOARDS! \$8 EACH!

EACH INCLUDES BASE, POLES, WALKWAY, AND PRINTED SIGN

ACTUAL SIZES



#8400

Year 1950s



#8407

Year 1940s



#8401

Year 1950s



#8408

Year 1950s



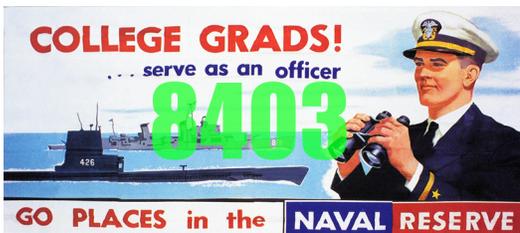
#8402

Year 1950s



#8409

Year 1950s



#8403

Year 1950s



#8410

Year 1950s



#8404

Year 1950s



#8411

Year 1950s



#8405

Year 1950s



#8412

Year 1950s



#8406

Year 40s to 50s



#8413

Year 1950s

Only SIMMONS makes **BEAUTYREST**

8414

Year 1960s

"Mobiloil would'a kept you going--"

8422

Year 1950s

THE **GENERAL TIRE**

safest tire under the sun

8415

Year 1953

It's Performance That Counts!

8423

Year 1950s

THE GREATEST CADILLAC OF ALL!

8416

Year 1956

The Most Powerful Gasoline Your Car Can Use!

8424

Year 1950s

YOUTH, BEAUTY, CHEVROLET, ACTION!

8417

Year 1956

Even "back-seat drivers" approve

8425

Year 1950s

CHEVROLET *FIRST...and Finest...at Lowest Cost*

8418

Year 1950

Sky Chief PACKS PUNCH!

8426

Year 1950s

HANDY DANDY CHEVROLET WAGONS!

8419

Year 1957

Smoke MY **CHESTERFIELD** cigarette

8427

Year 1950s

Holds the Whole Team! **CHEVROLET**

8420

Year 1956

Camaro by Chevrolet

8428

Year 1967

CHEVROLET *GO '63 CHEVROLET exciting*

8421

Year 1963

CHEVROLET for more and finer miles!

8429

Year 1951

Full of ginger...Jet-smooth **CHEVROLET**



8430

#8430

Year 1962

see your local authorized Chevrolet dealer

New! Proved on the Alcan Highway!



8431

#8431

Year 1957

'57 CHEVROLET

Rugged and Reliable!



8432

#8432

Year 1953



Extra Values - exclusively yours...



8433

#8433

Year 1940s



On the job



8434

#8434

Year 1940s

DISASTER RELIEF

JOIN AND SERVE

CONTRIBUTED BY YOUR OUTDOOR ADVERTISING COMPANY AS A PUBLIC SERVICE

You can help, too!



8435

#8435

Year 1940s

JOIN THE MARCH OF DIMES

THE NATIONAL FOUNDATION FOR INFANTILE PARALYSIS - FARMER & BOOSEY INC. TORONTO

Contributed by your Outdoor Advertising Company as a public Service



8436

#8436

Year 1940s

NOW LET'S ALL BUY BONDS

BUY SAVINGS BONDS



8437

#8437

Year 40s to 50s

FOR YOUR COUNTRY ... and Yourself



8438

#8438

Year 1950s

EVERY SMOKER SHOULD SMOKE

CHESTERFIELD MUCH MILDER

Bob Hope

TRAINING IN SOBROWFUL JONES

A PARAMOUNT PICTURE

Famous face - and what a figure!



8439

#8439

Year 1949

PACKARD

\$2224*

*DELIVERED IN DETROIT STATE AND LOCAL TAXES EXTRA

SEE THE MAN WHO OWNS ONE!



8440

#8440

Year 1969

Hottest thing going. 1969 Mustang



8441

#8441

Year 1940s

ZENITH

America's Most Complete Appliance Line!

MARSHALL-WELLS STORES



8442

#8442

Year 1932

INEXPENSIVE - SATISFYING WRIGLEY'S



8443

#8443

Year 1937

..the RITZ James!



8444

#8444

Year 1932

watch that food!



8445

#8445

Year 1933

PROTECTION

ELECTRIC REFRIGERATION

PORTLAND GENERAL ELECTRIC CO. EASY TERMS

BALLANTINE'S BEER
 #8446
 Year 1938
 PURITY BODY FLAVOR

MILKY WAY
 #8454
 Year 1935
 Taste one frozen!

No use. Mac. it's a
FORD V-8
 #8447
 Year 1931

The Finest Spread for Bread
JELKE'S GOOD LUCK MARGARINE
 #8455
 Year 1935
 A heat and energy producer

Bradley
 #8448
 Year 1930
 KEEP INTO A Bradley AND OUT-OF-DOORS

We alkalize with
Alka-Seltzer
 #8456
 Year 1937
 HEADACHES SCRAM - I HOPE TO TELL SIR!
 HEADACHES SOUR STOMACH MORNING AFTER COLDS
 BE WISE ALKALIZE AT ALL DRUGGISTS 30¢ PER BOX
 TUNE IN THE NATIONAL BARN DANCE SATURDAY NIGHT N B C

Jantzen
 #8449
 Year 1938
 NEW WISP-O-WEIGHT SWIM SUITS

"You'll be **AHEAD** with a **CHEVROLET!**"
 #8457
 Year 1938

YOURS TO ENJOY
PABST
 #8450
 Year 1937
 EXPORT BEER

BLANK BILLBOARD #8294 \$4.50

RCA VICTOR AUTO RADIO
 "His Master's Voice" on the Road!
 #8451
 Year 1933

ITEM NUMBER NOT PRINTED ON ACTUAL MODELS



ASSEMBLED BILLBOARD EXAMPLE-NOT ACTUAL SIZE

CREAM OF WHEAT
 #8452
 Year 1932
 Keeps your baby smiling

MAXWELL HOUSE COFFEE
 #8453
 Year 1932
 GOOD to the LAST DROP

TICHY TRAIN GROUP

OUR PHILOSOPHY

We bring together the best of two worlds, combining the fun and reward of fine modelbuilding with the rapidly growing interest in prototype railroading, freight cars and structures in particular. The preservation of history in miniature.

ABOUT OUR KITS

We're concerned about the details - and not only prototype details. We design and manufacture our kits and parts to the highest possible standards. Our parts are designed to fit together and if they don't we remake the tooling before we release the kit. Molded in a light grey, easy to paint styrene (that reflects light, making even the smallest part easy to see) parts are crisp and virtually flash free. Spares are usually provided for those smaller parts that might get lost or damaged during assembly. Preformed grabirons made from phosphor bronze wire are included where applicable.

Illustrated step-by-step instructions are included. These include prototype history and a painting guide. To avoid confusion, each part is identified by its correct name, and is keyed to the instructions by a number engraved on the "runner" or by a printed layout.

Only minimal tools are required; modelers knife, small file, precision tweezers, and a small brush to apply liquid cement. Additionally, you will need either aerosol paint or an inexpensive airbrush.

So give us a try - we know that you will agree with many thousands of modelers like yourself that these are...

SUPER KITS JUST FOR THE FUN OF IT!!

AVAILABILITY

We manufacture our own tooling and do all of our plastic injection molding in-house along with our own printing and packaging. As a result, we can make what we want, when we want, without depending on anyone else for major components. Our policy is to have every item in this catalog in stock at all times. As of the date, this catalog was printed, every item was in stock and we had no backorders.

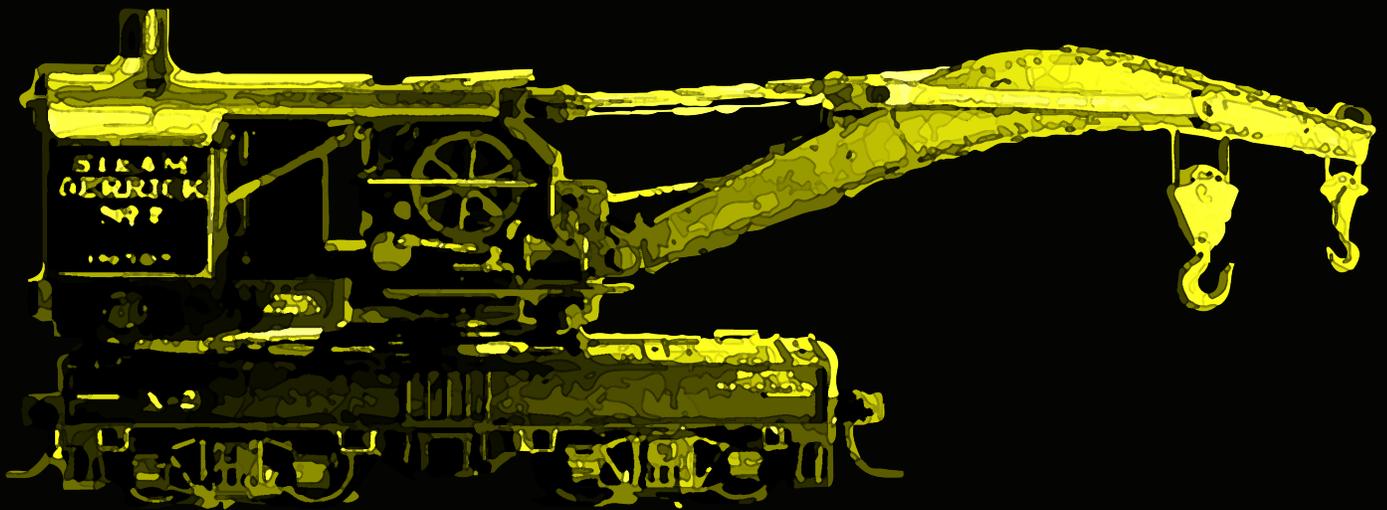
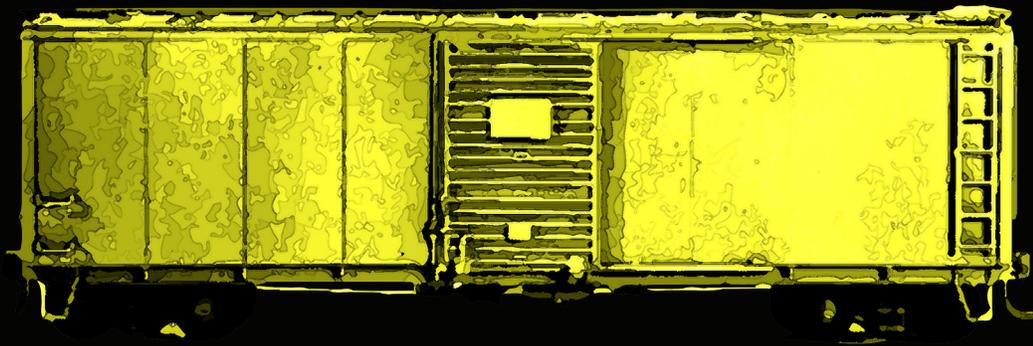
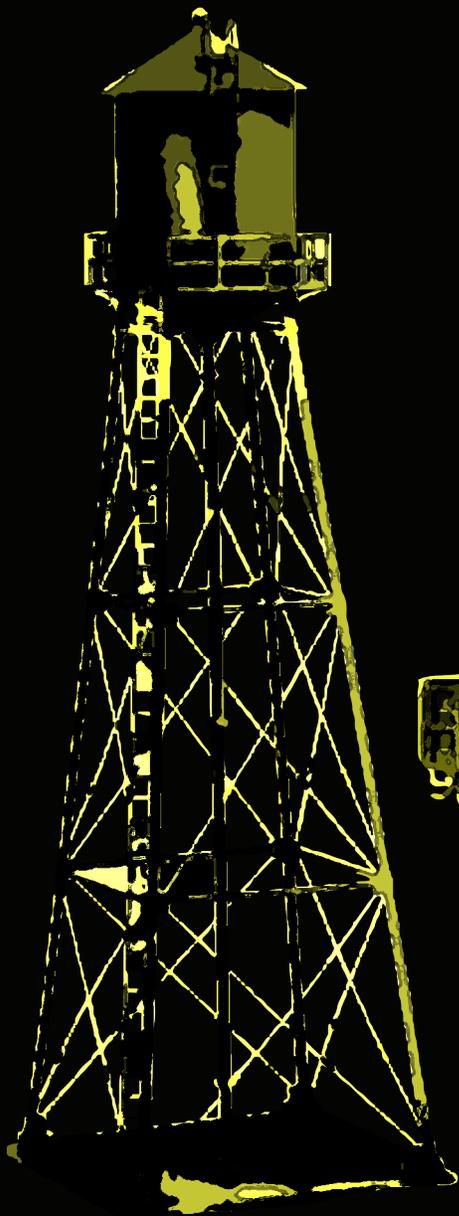
These items (except where noted) are available through distributors to your local hobby store. They are also available direct and through our secure website.

Manufacturers interested in using our parts in their kits, should contact us for manufacturer pricing.

CONTACT US

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**TICHY
 TRAIN
 GROUP**



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