

The logo for Tichy Train Group features the words "TICHY", "TRAIN", and "GROUP" stacked vertically in a bold, sans-serif font. The text is white and is set against a background that is split diagonally from the bottom-left to the top-right. The upper-left portion of the background is white, and the lower-right portion is black.

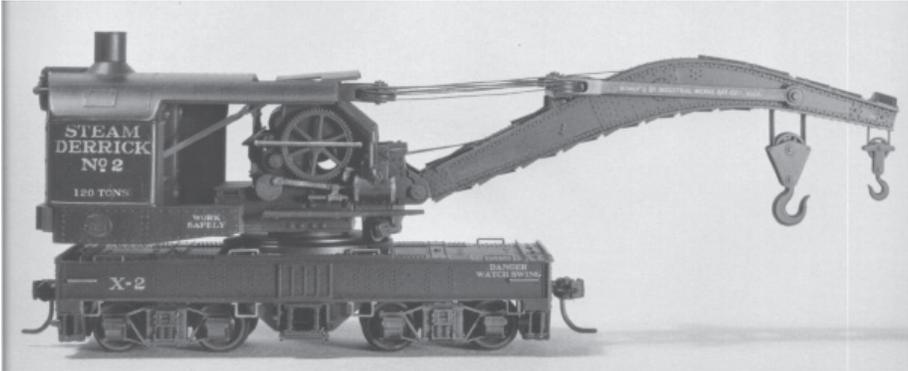
**TICHY
TRAIN
GROUP**

**HO SCALE
CATALOG**

**SUPER KITS JUST
FOR THE FUN OF IT..**

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. Truly 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. Shown with Champ decal BRH-32

KIT 4010 \$28.50

Includes trucks, no couplers/decals

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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 \$14.50

Includes trucks, no couplers/decals

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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 \$9.50

**TICHY
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FREIGHT CAR KITS

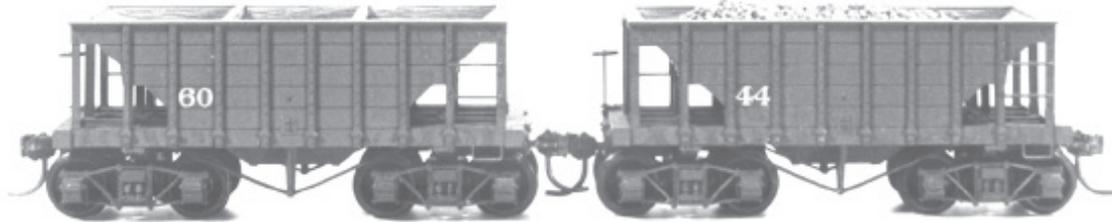
2

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, \$14.50

6012 Twelve cars/kit \$75.00 Less couplers/decals

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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 \$14.50

6020 Six cars/kit \$75.00 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 \$14.50

6025 Six cars/kit \$75.00 Less couplers/decals

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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 \$8.95

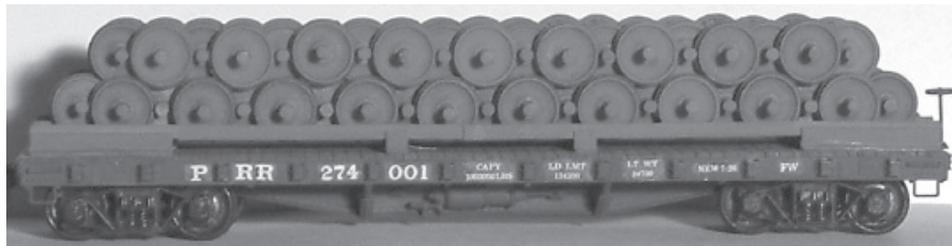
6021 Six cars/kit \$46.00 Less couplers/decals/Central Valley bridge girder load.

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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 \$14.50

6023 Six cars/kit \$75.00 Less couplers/decals

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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 \$14.50

6024 Six cars/kit \$75.00 Less couplers/decals

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FREIGHT CAR KITS

4

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.



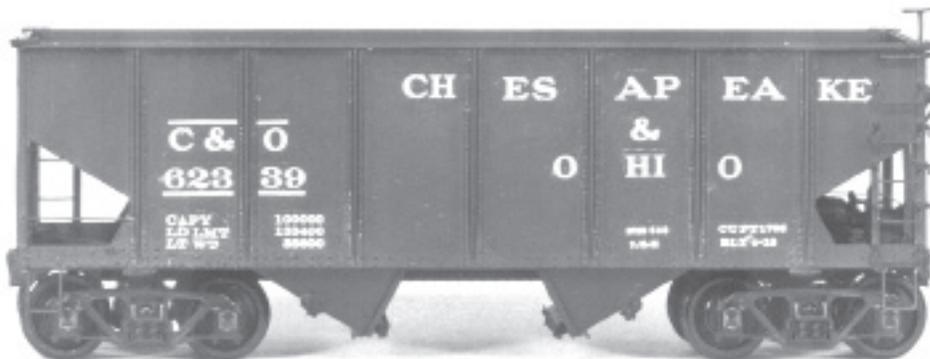
**TICHY
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4026 \$14.50

6026 Six cars/kit \$75.00 Less couplers/decals

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 \$14.50

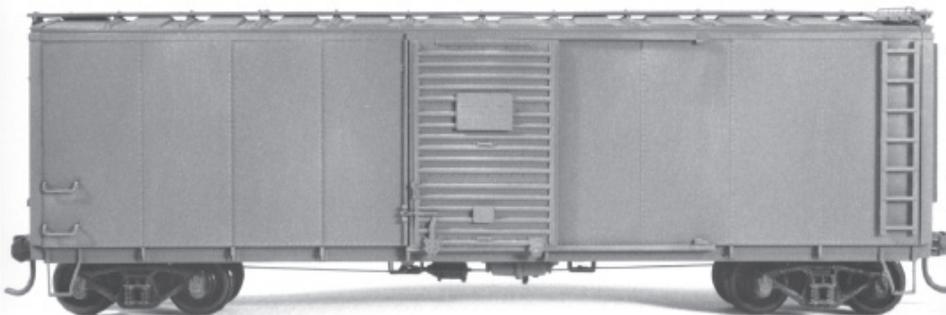
6027 Six cars/kit \$75.00 Less couplers/decals

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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 boxcars 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 \$14.50

6028 Six cars/kit \$75.00

4028D \$16.50

6028D \$87.00

D versions include P&LE & PMcK&Y Decals

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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, Wabash and New Haven. Includes both K and AB brake systems.



4029 \$14.50

4029D \$16.50

6029 Six cars/kit \$75.00

6029D \$87.00 Less couplers

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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 \$14.50

4032D \$16.50

6032 Six cars/kit \$75.00

6032D \$87.00 Less couplers

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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 was 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.

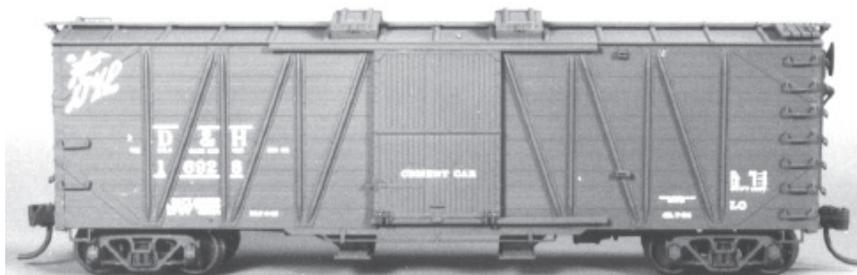
4031 \$18.50

6031 Six cars/kit \$96.00 Less couplers

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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 \$14.50

4030D \$16.50

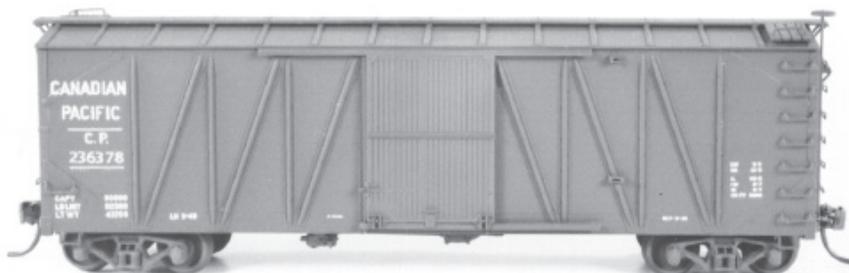
6030 Six cars/kit \$75.00

6030D \$87.00 Less couplers

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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 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 \$16.50

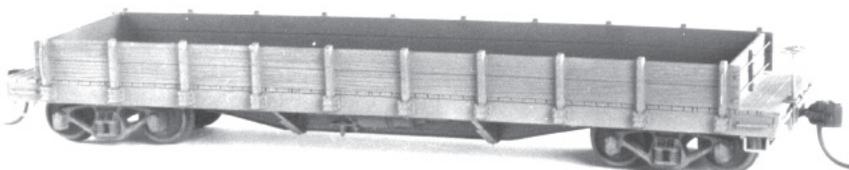
6034D Six cars/kit \$87.00

Less couplers

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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) Similiar 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 \$14.50

4040D \$16.50

6040 Six cars/kit \$75.00

6040D \$87.00 Less couplers

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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 N&W, PRR, NYC ATSF and ROCK ISLAND.

4041 \$14.95

4041D \$16.95

6041 Six cars/kit \$77.00

6041D \$89.00 Less couplers

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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 \$14.50

4042D \$16.50

6042 Six cars/kit \$75.00

6042D \$87.00 Less couplers

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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 \$87.00

6043D \$99.00 Less couplers

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FREIGHT CAR KITS

8

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.

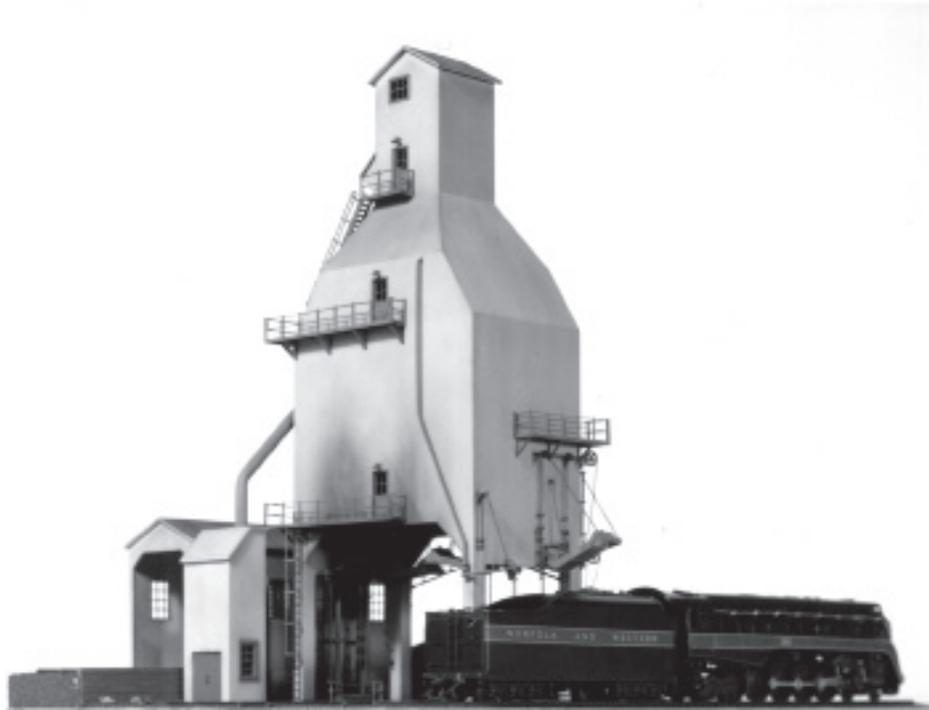
1000 \$10.00 Less couplers

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DECALS (ALL PACKS \$3.00)		
PART#	DESCRIPTION	FOR KIT
9026	LIRR WHITE FOR RED BOXCAR	4026
9126	D&H WHITE FOR RED BOXCAR	4026
9226	NYC WHITE FOR RED BOXCAR	4026
9326	SP WHITE FOR RED BOXCAR	4026
9426	PRR WHITE FOR RED BOXCAR	4026
9027	LIRR WHITE FOR BLACK HOPPER	4027
9028	P&LE, PMcK&Y WHITE FOR RED BOXCAR	4028
9128	DT&I/PRR WHITE FOR RED BOXCAR	4028
9029	C&O, D&H, NH, & WABASH WHITE FOR BLACK HOPPER	4029
9030	D&H BLACK FOR GRAY CEMENT BOXCAR	4030
9130	D&H WHITE FOR RED CEMENT BOXCAR	4030
9230	B&O WHITE FOR RED CEMENT BOXCAR	4030
9031	ANDERSONS BLACK FOR SILVER HOPPER	4031
9032	GEORGIA RR BLACK FOR SILVER BOXCAR	4032
9132	GEORGIA RR WHITE FOR RED BOXCAR	4032
9034	CP WHITE FOR RED BOXCAR	4034
9040	ACL WHITE FOR BLACK FLATCAR	4040
9041	N&W, PRR, NYC, ATSF & RI WHITE FOR 53' GONDOLA	4041
9042	ACL WHITE FOR BLACK PULPWOOD FLAT	4042
9043	SCL YELLOW FOR BLACK STUMP CAR	4043

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**9 400 TON CONCRETE COALING TOWER
KIT #7010 HO SCALE \$135.00**



400 TON CONCRETE COALING TOWER ¹⁰

KIT #7010 HO SCALE \$135.00

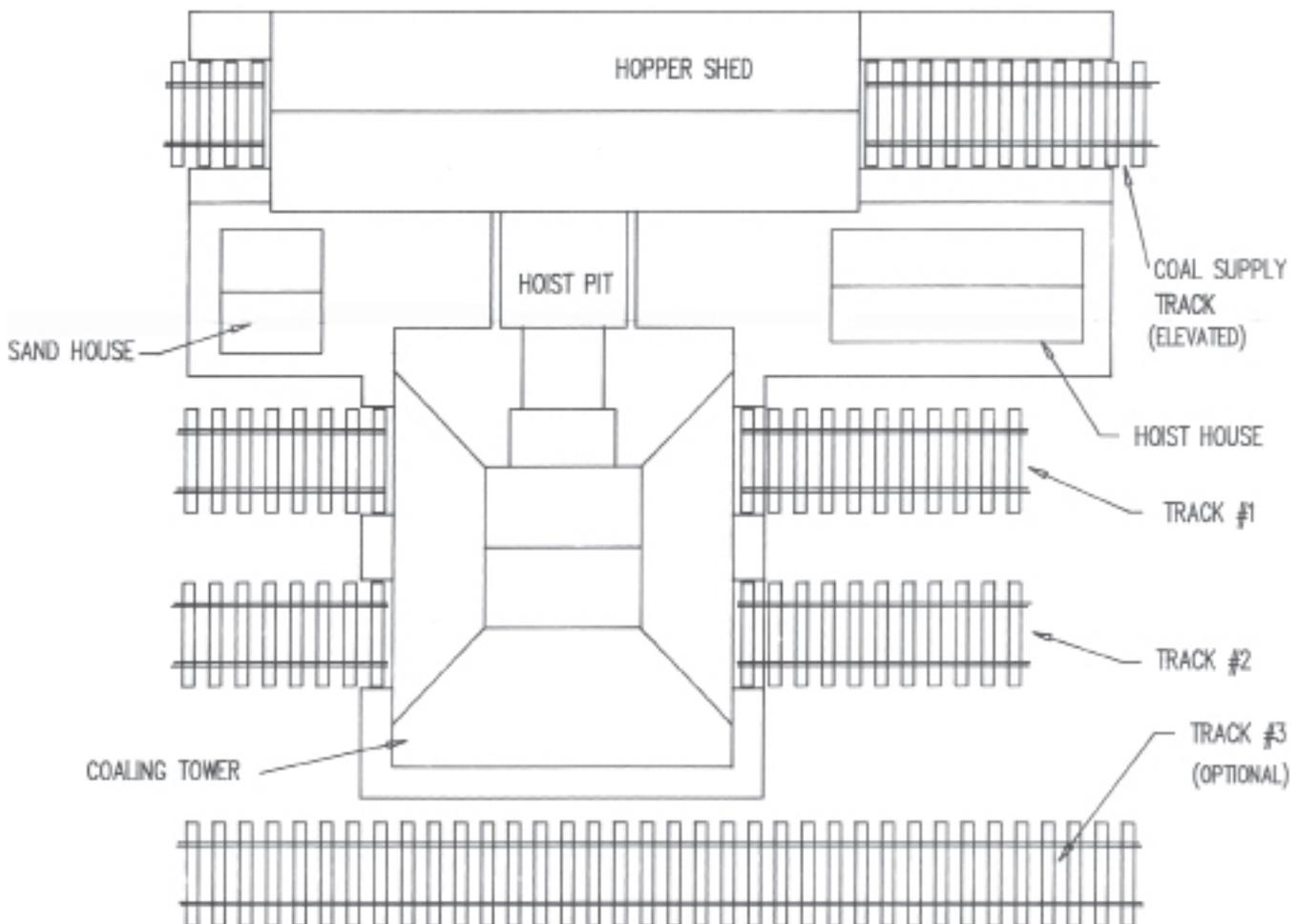
INCLUDES:

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



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**11 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.

STEEL OIL/GAS TANK

12

KIT #7013

HO SCALE

\$15.00



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.

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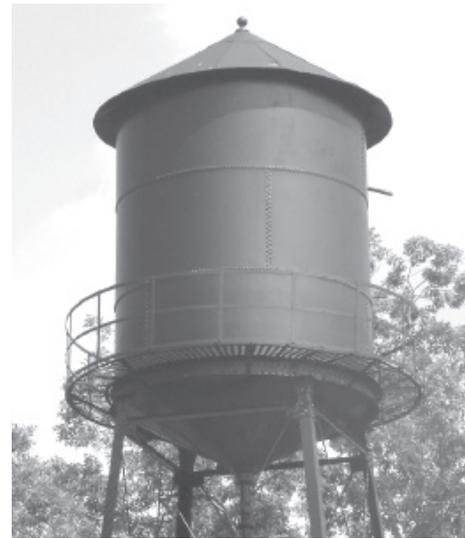
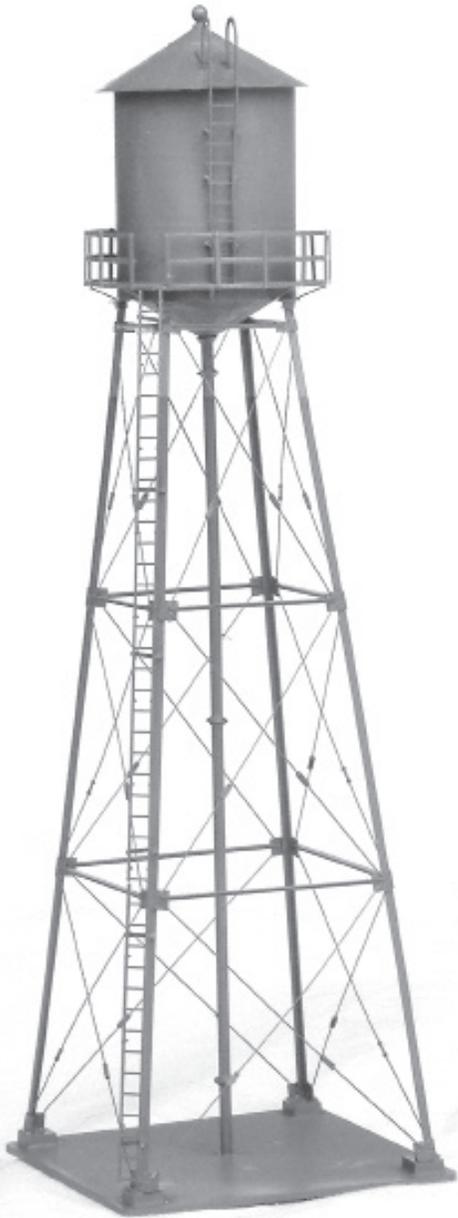
13

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.

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HANDCAR SHED

14

KIT #7011

HO SCALE

\$9.50



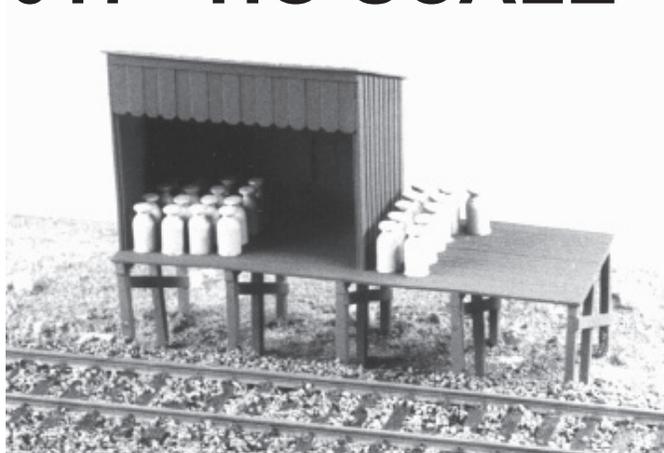
THIS HANDCAR/TOOL SHED HAS A ONE PIECE ROOF, A ONE PIECE BASE WITH PILINGS, AND THE SIDETRACK. IT COMES COMPLETE WITH THE HANDCAR AND THE PUSHCAR. IT IS INJECTION MOLDED IN STYRENE FOR EASY ASSEMBLY. IT IS BASED ON A C&O PROTOTYPE AND CAN BE USE IN ALMOST ANY ERA.

MILK STATION

KIT #7017

HO SCALE

\$9.95



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

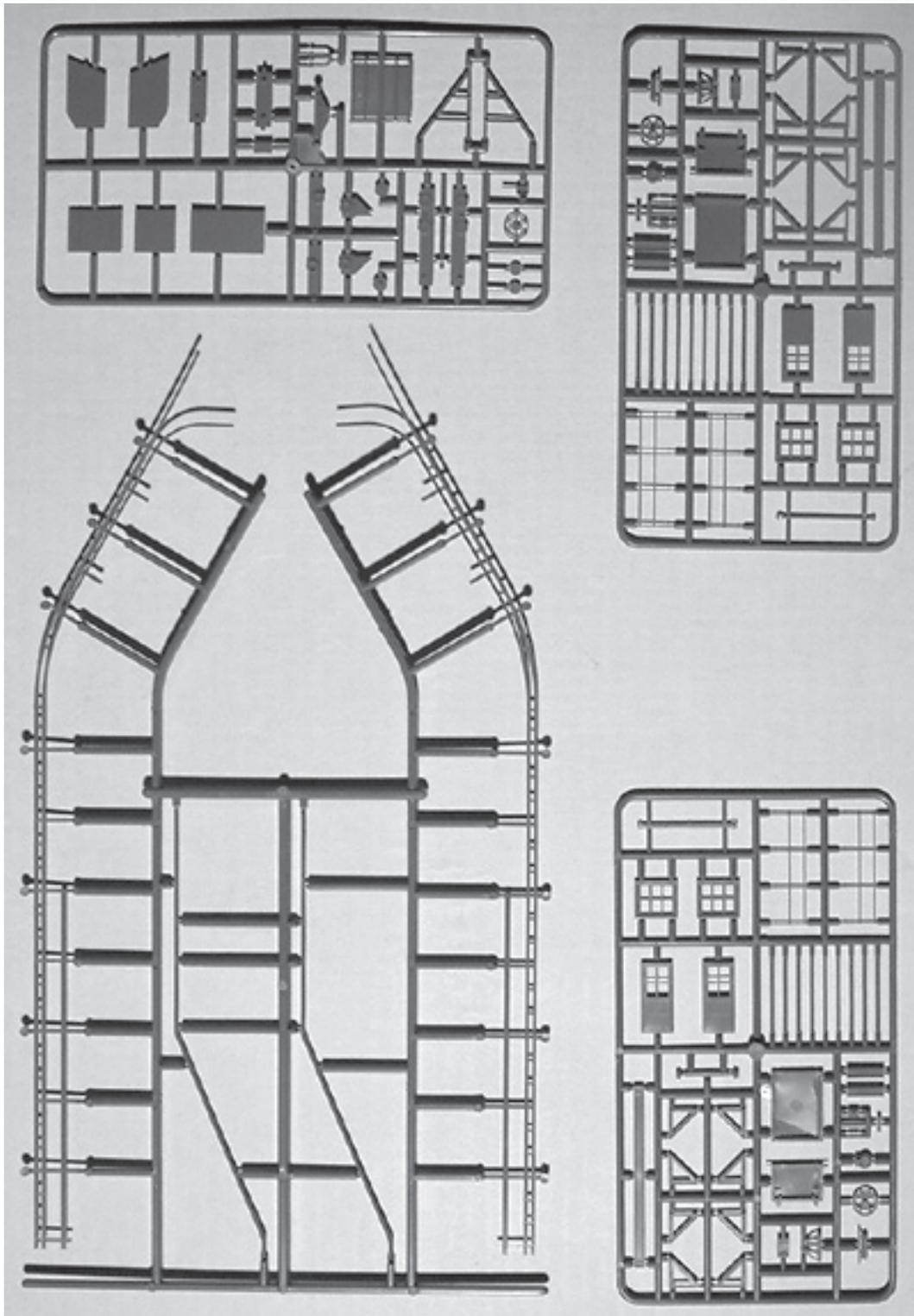
KIT #7018

HO SCALE

\$18.00

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

COALING TOWER LIFT MECHANISM

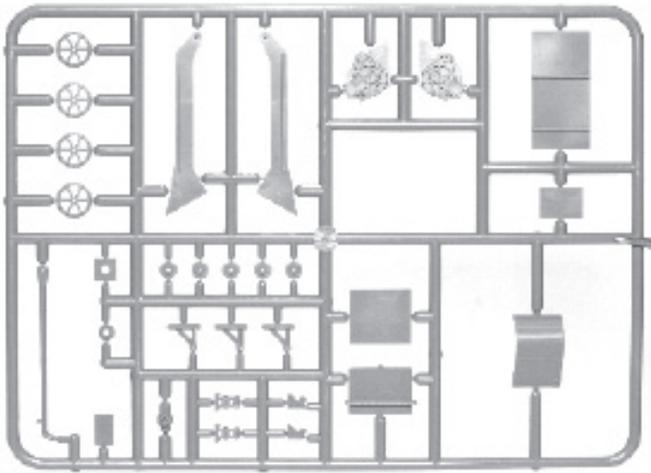


THIS IS THE LIFT MECHANISM FROM OUR COALING TOWER KIT 7010. IT INCLUDES THE MAIN LIFT RAILS, MOUNTING BRACKETS AND SPACERS, COAL BUCKET, COUNTERWEIGHT, PLATFORM, DOORS, WINDOWS AND VARIOUS HARDWARE. IT IS USED WHEN YOU ARE SCRATCH-BUILDING A CUSTOM COALING TOWER SUCH AS A ROUND CONCRETE TOWER OR AN EARLY 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

COALING TOWER PARTS

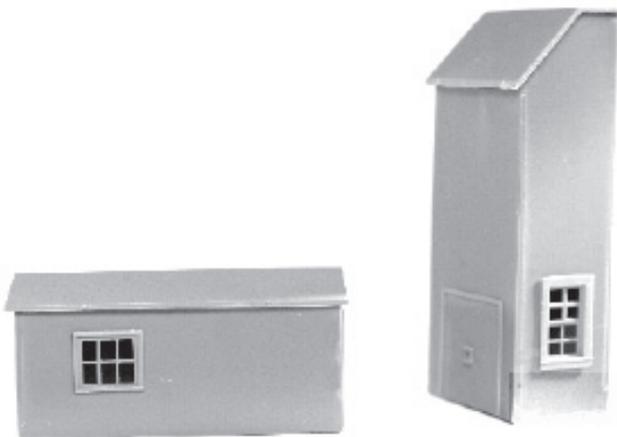
16



THIS A 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

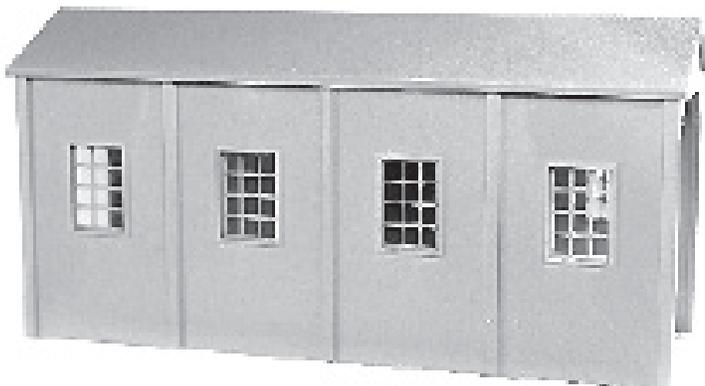
**TICHY
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THIS IS A CONCRETE EQUIPMENT SHED COMMONLY USED TO HOUSE THE HOIST ENGINE AT A COALING TOWER AND A CONCRETE DRYING HOUSE WHICH WAS USED TO DRY SAND FOR THE ENGINES. BOTH COULD BE USED AT ANY COALING TOWER. INCLUDES PRECUT GLAZING.

#8005 1 PAIR \$9.50

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THIS A 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 \$9.50

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ICE STATION

KIT 7014	18" LONG	\$29.50
KIT 7015	36" LONG	\$49.50
KIT 7016	6" EXT	\$9.50



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.



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



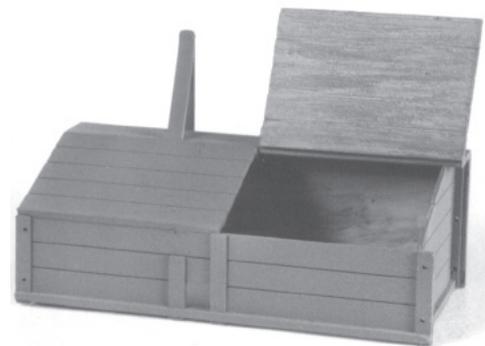
THIS IS A STANDARD HAYES MANUFACTURING CO. CAR BUMPING POST. IT WAS FIRST MADE IN 1926 AND CONTINUES IN USE TO THIS DAY. IT IS THE MOST COMMON TRACK STOP AND WAS USED ALMOST EVERYWHERE. THE KIT IS MOLDED IN GRAY STYRENE AND INCLUDES THE REINFORCING PLATES PLACED ON THE OUTSIDE OF THE RAILS.

#8165 2 SETS \$5.95



THIS IS A MODEL OF A 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



THIS IS A MODEL OF A 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

TRACKSIDE DETAILS



THIS IS A 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



THIS IS A 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



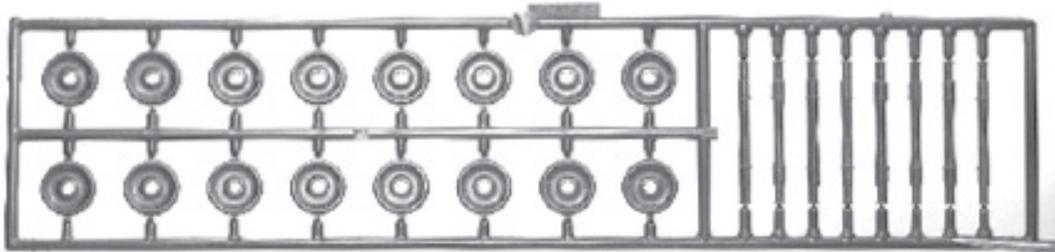
THIS IS A STANDARD SHEFFIELD MAIL CRANE. THEY WERE FOUND AT MOST STATIONS AND WERE USED TO ALLOW TRAINS TO PICK UP MAIL WITHOUT STOPPING. THEY WERE IN USE FROM 1900 THROUGH THE 60'S WHEN PASSENGER TRAINS WITH RPO'S WERE DISCONTINUED. IT IS MOLDED IN GRAY STYRENE.

#8168 \$5.95



THIS IS A 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



THESE ARE 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 \$9.50

FRAMED WINDOWS

20

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



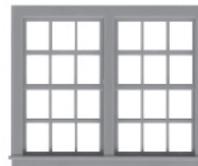
2/2 ARCH TOP WINDOW
30" W x 60" H
.39" x .71" OPENING

TTG #8072 10 PCS \$3.50



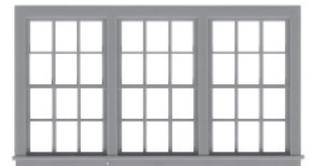
6/6 DBL HUNG WINDOW
36" W x 64" H
.46" x .78" OPENING

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



2/2 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



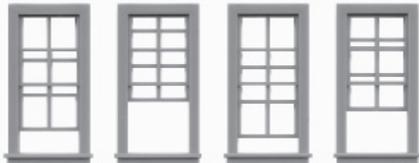
2/2 DBL HUNG WINDOW
24" W x 56" H
.33" x .71" OPENING

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

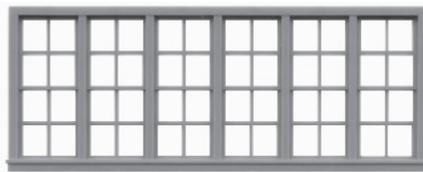
TTG #8028 12 PCS \$3.50

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



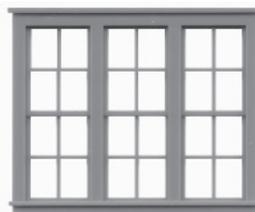
4/4 DBL HUNG WINDOW
30" W x 80" H
.40" x .98" OPENING

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



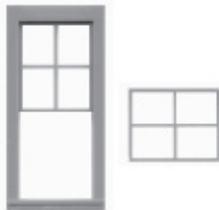
2/2 DBL HUNG WINDOW
30" W x 47" H
.36" x .58" OPENING

TTG #8105 12 PCS \$3.50



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

TTG #8106 6 PCS \$3.50



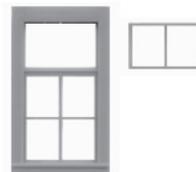
4/4 DBL HUNG WINDOW WITH ADJUSTABLE SASH
34" W x 81" H
.44" x .98" OPENING

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



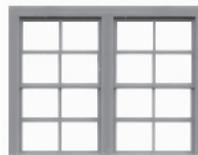
4/4 DBL HUNG WINDOW
27" W x 64" H
.36" x .78" OPENING

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



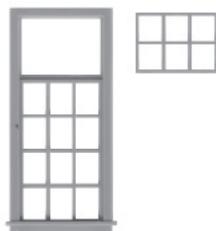
DBL CASEMENT WINDOW
30" W x 40" H
.39" x .5" OPENING

TTG #8139 12 PCS \$3.50



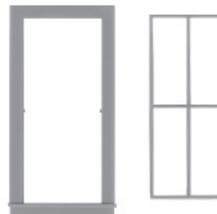
27 PANE INDUSTRIAL WINDOW
44" W x 140" H
.53" x 1.63" OPENING

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



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

TTG #8202 12 PCS \$3.50



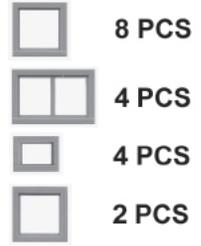
4 PANE ROUND TOP WINDOW
24" W x 36" H
.34" x .44" OPENING

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

MASONRY WINDOWS

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



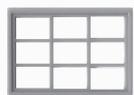
ROUND MASONRY WINDOW
65" DIAMETER
.74" DIA OPENING

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



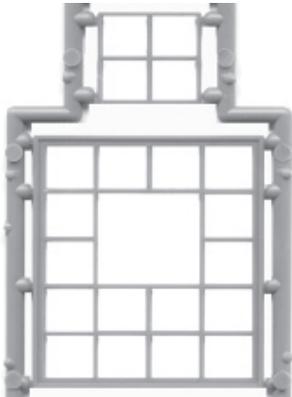
8/8 DBL HUNG WINDOW
38" W x 68" H
.495" x .83" OPENING

TTG #8086 12 PCS \$3.50



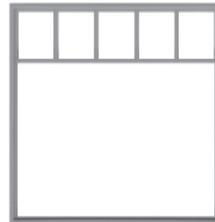
1/1 DBL HUNG WINDOW
38" W x 68" H
.495" x .83" OPENING

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



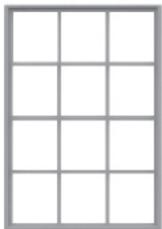
STORE WINDOW
98" W x 102" H
1.13" x 1.155" OPENING

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

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



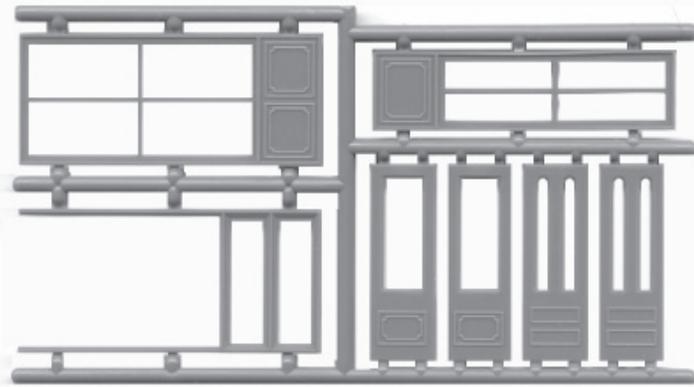
**4 LITE DOOR/TRANSOM
MASONRY FRAME**
39" W x 92" H
.5" x 1.35" OPENING
TTG #8118 3 SETS \$3.50

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



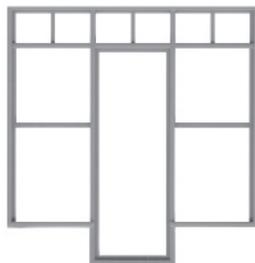
6 LITE DOOR
33" W x 80" H
.415" x .955" OPENING

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



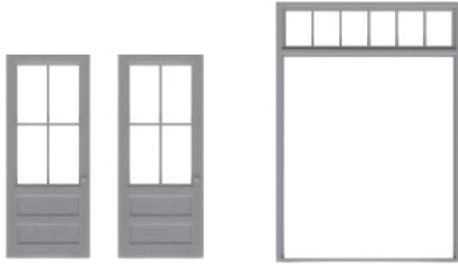
STOREFRONT
115" W x 118" H
1.333" x 1.36" OPENING

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

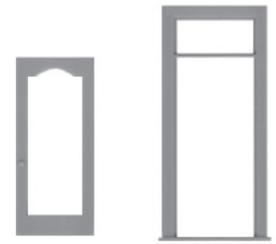
DOORS



**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



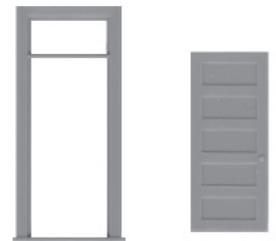
**GLASS DOOR/FRAME
WITH TRANSOM**
36" W x 108" H
.46" x 1.178" OPENING
TTG #8194 3 SETS \$3.50



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



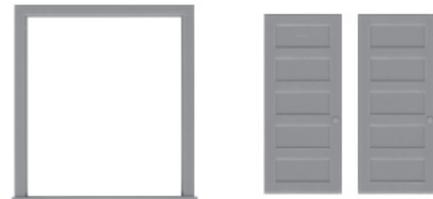
GLASS DOOR & FRAME
36" W x 80" H
.46" x .98" OPENING
TTG #8195 3 SETS \$3.50



**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



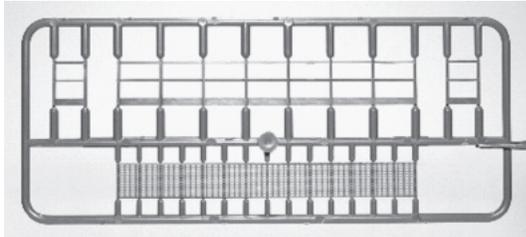
4 LITE DOOR
30" W x 80" H
.38" x .94" OPENING
TTG #8009 6 PCS \$3.50



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

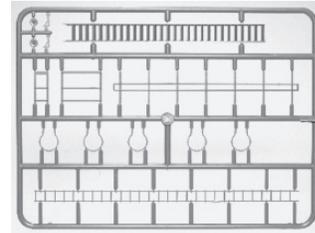


**4 PANEL WORK CAR DOOR
WITH STEP**
30" W x 80" H
.40" x .96" OPENING
TTG #8231 4 PCS \$3.50



THIS IS AN OPEN GRATE PLATFORM AS 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



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

#8002 1 SET \$3.50



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

#8012 6 PCS \$3.50



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

#8059 3 PCS \$3.50



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

#8011 16 PCS \$3.50



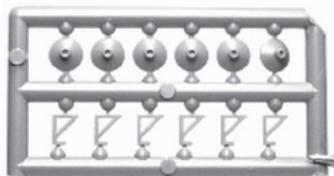
THESE MODEL PIPE RAIL FENCES. EACH PIECE IS 1-1/2" LONG. THEY ARE MOLDED IN GRAY STYRENE.

#8013 8 PCS \$3.50



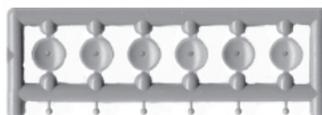
THESE ARE STEEL SECURITY BARS THAT WERE COMMONLY INSTALLED OVER WINDOWS IN HIGH CRIME AREAS ESPECIALLY ON COMMERCIAL BUILDINGS. GRAY INJECTION MOLDED STYRENE.

#8045 12 PCS \$3.50



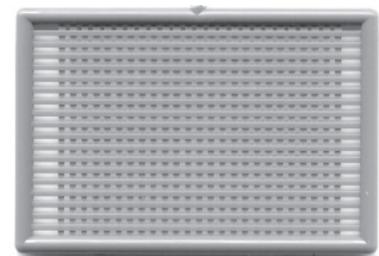
THESE MODEL THE OUTDOOR LIGHT FIXTURES FOUND ON MANY BUILDINGS. BRACKETS ARE INCLUDED. THEY ARE MOLDED IN GRAY STYRENE.

#8170 24 PCS \$4.95



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

#8027 24 PCS \$3.50



STANDARD LATTICE PANEL
1" x 1.5"

#8122 3 PCS \$3.50

STRUCTURE PARTS



THESE ARE 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



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

#8092 12 PCS \$3.50



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

#8093 3 PCS \$3.50



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

#8099 6 PCS \$3.50



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

#8109 3PCS \$3.50



THIS IS A LATTICE TRIM PIECE ABOUT
18" HIGH IN SECTIONS 16 SCALE FEET
LONG.

#8110 6 PCS \$3.50



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

#8101 32 PCS \$3.50



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

#8129 28 PCS \$3.50



THIS IS A STOVEPIPE WITH RAIN CAP
AND ROOF FLASHING.

#8141 4 PCS \$3.50



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

#8123 3 PCS \$3.50



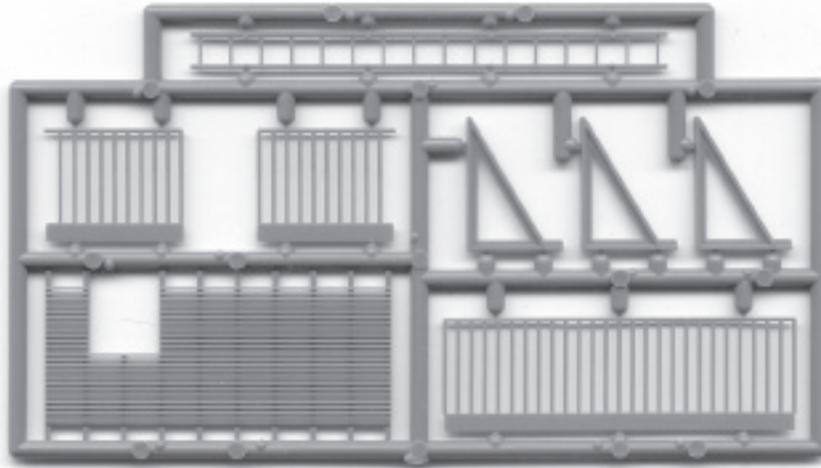
THIS IS AN OLD STYLE CHIMNEY CAP
MOLDED IN REDDISH BROWN STY-
RENE. THE SECOND PHOTO SHOWS IT
ON OUR 8123 CHIMNEY.

#8156 8 PCS \$3.50



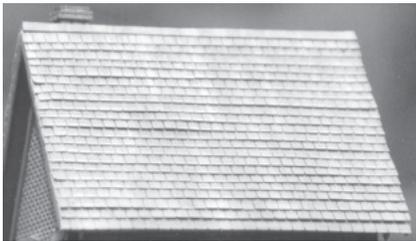
THIS IS A WROUGHT IRON RAILING
COMMONLY USED ON WIDOWS WALKS
AND IN OTHER DECORATIVE APPLICA-
TIONS. PIECES ARE 1.8" LONG.

#8148 4 PCS \$3.50



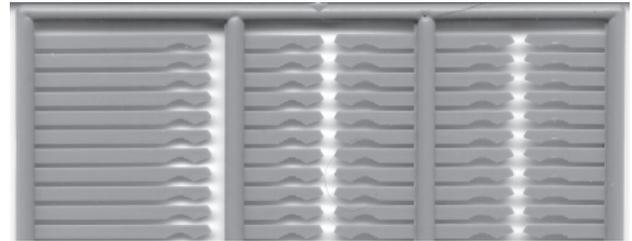
THESE ARE A SET OF TWO FIRE ESCAPE PLATFORMS WITH VERTICAL LADDERS. THEY INCLUDE ALL BRACKETS AND RAILINGS. THE GRATES ARE SEE-THROUGH. THEY ARE MOLDED IN GRAY STYRENE.

#8060 2 SETS \$3.50



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

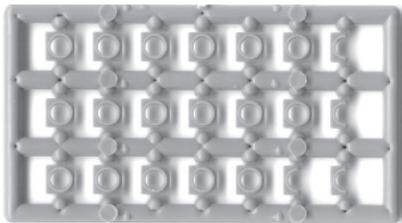
#8135 1 BOX \$14.95



THESE ARE 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



THESE ARE THE 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



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

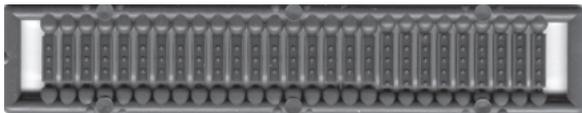
#3067 45 PCS \$3.50



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

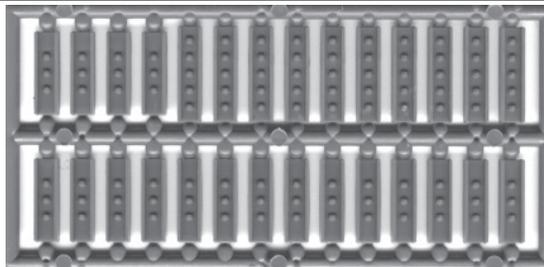
#3068 48 PCS \$3.50

STRUCTURE PARTS



THESE ARE 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



THESE ARE 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



THIS IS AN 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



THESE ARE 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



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

#8207 65 PCS \$3.50



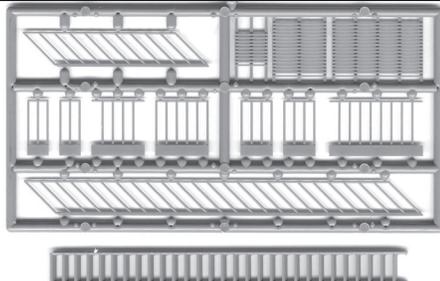
THIS IS A SCALE MODEL OF AN EARLY STREET LAMP. THE POST AND CAP ARE MOLDED IN BLACK STYRENE AND THE LENS IS MOLDED IN CRYSTAL STYRENE.

#8155 8 PCS \$4.00



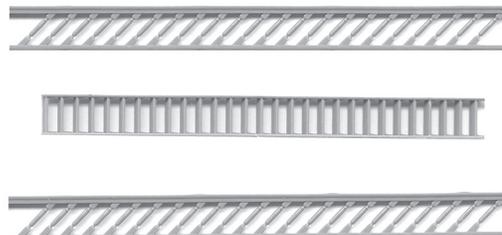
THESE ARE HOOP CONNECTORS USED TO CONNECT THE ENDS OF THE FLAT STEEL BANDS ON WOODEN WATER TANKS AND SILOS. MOLDED IN GRAY STYRENE.

#8209 14 PCS \$3.50



#8207
1 SET
\$3.50

THIS IS A 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.



THIS IS A 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

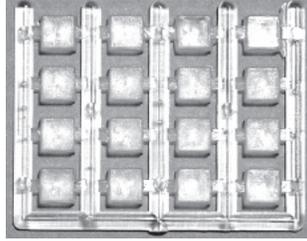
DETAILS

34



THESE ARE 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



THESE ARE STANDARD SIZE REEFER ICE BLOCKS MOLDED IN CLEAR IMPACT STYRENE.

#8172 64 PCS \$4.95



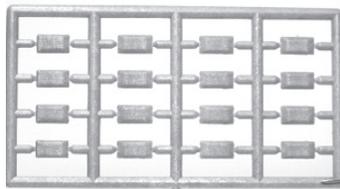
THESE ARE STANDARD 10 GALLON MILK CANS. THEY WERE USED TO TRANSPORT MILK FROM FARMS TO THE DAIRIES THROUGH THE 50'S.

#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



THESE ARE STANDARD SIZE BURLAP SACKS MOLDED IN BEIGE STYRENE.

#8175 64 PCS \$4.95



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 \$9.50



THESE ARE 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



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

36

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.

#8219 1 BOX \$60.00

**TICHY
TRAIN
GROUP**

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.

#8220 1 BOX \$40.00

**TICHY
TRAIN
GROUP**

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.

#8221 1 BOX \$35.00

**TICHY
TRAIN
GROUP**

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.

#8222 1 BOX \$120.00

**TICHY
TRAIN
GROUP**

SIGNS



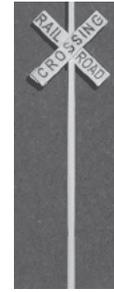
THIS IS A MODERN RR WARNING SIGN. IT IS MOLDED IN YELLOW PLASTIC WITH BLACK PRINTING. THE POLES ARE MOLDED WITH THE SIGN. SIGN IS SCALE SIZE AND THICKNESS.

#8176 20 PCS \$4.95



THIS IS A EARLY (PRE 1950) 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.

#8177 10 PCS \$4.95



THIS IS 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



THIS IS A 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



THIS IS 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



THIS IS A 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



THIS IS A 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 32 PCS \$4.95



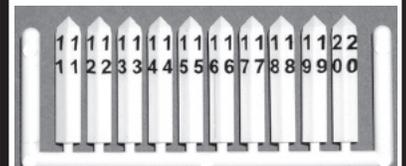
THIS IS A MODERN RR WHISTLE POST. THEY ARE PLACED TRACKSIDE PRIOR TO A CROSSING AS A REMINDER TO THE ENGINEER. IT IS MOLDED IN WHITE PLASTIC WITH BLACK PRINTING.

#8183 32 PCS \$4.95



THIS IS A 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



THESE ARE 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 50 PCS \$7.95

TOOLS & DETAILS



THIS IS A STANDARD PICKAXE INJECTION MOLDED IN GRAY STYRENE.

#8224 15 PCS \$3.50



THIS IS A STANDARD SLEDGE HAMMER INJECTION MOLDED IN GRAY STYRENE.

#8225 30 PCS \$3.50



THIS IS A LARGE CROWBAR INJECTION MOLDED IN GRAY STYRENE.

#8226 27 PCS \$3.50



THIS IS A SMALL GAS CYLINDER INJECTION MOLDED IN GRAY STYRENE.

#8227 15 PCS \$3.50



THIS IS A STANDARD SCREW JACK 24" HIGH INJECTION MOLDED IN GRAY STYRENE.

#8228 8 PCS \$3.50



THIS IS A LARGE GAS CYLINDER INJECTION MOLDED IN GRAY STYRENE.

#8232 20 PCS \$3.50



THIS IS A BRISTLE BROOM INJECTION MOLDED IN GRAY STYRENE.

#8233 14 PCS \$3.50



THIS IS A STANDARD MAILBOX ON A POST INJECTION MOLDED IN GRAY STYRENE.

#8234 12 PCS \$3.50



THESE ARE 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

THIS IS A MODEL OF THE 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 THE 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)



39 NBW'S, RIVETS, WIRE & INSULATORS

NBW & RIVET TABLE					
#	QTY	PRICE	DESCRIPTION	STEM	SIZE (HO SCALE)
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

PHOSPHOR BRONZE WIRE – 8" STRAIGHT PIECES IN TUBES				PHOSPHOR BRONZE WIRE 3 FT 12 STRAIGHT PIECES IN TUBES	
#	PRICE	QTY	DESCRIPTION	PART#	PRICE
1100	2.50	10	.008 WIRE	1110	15.00
1101	2.50	12	.010 WIRE	1111	15.00
1106	2.50	12	.0125 WIRE	1112	15.00
1102	2.50	12	.015 WIRE	1113	15.00
1103	2.50	12	.020 WIRE	1114	15.00
1104	2.50	12	.025 WIRE	1115	15.00
1105	2.50	12	.032 WIRE	1116	15.00
1107	2.50	12	.040 WIRE	1117	15.00



THESE ARE 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

RIVET PLATES & STREET LAMPS

40



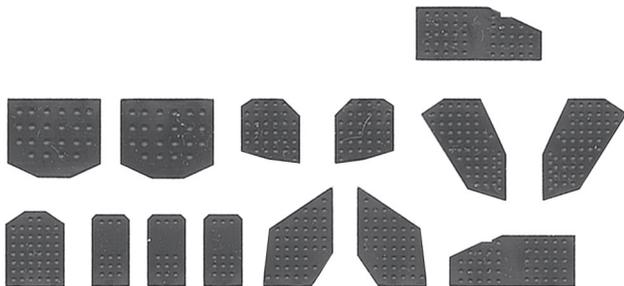
THIS IS A SCALE 16" x 22" STEEL REINFORCING PLATE WITH RIVET DETAIL. MOLDED IN ABS PLASTIC .015" THICK WITH RIVET DETAIL.

#8214 60 PCS \$3.50



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

#8215 60 PCS \$3.50



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

#8216 28 PCS \$3.50



THIS IS AN 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

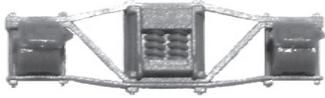


THESE ARE SCALE LAMPPOSTS WITH 1.5 VOLT INCANDESCENT LAMPS. BULBS ARE EITHER WHITE (MODERN APPEARANCE) OR YELLOW (EARLY GASLIGHT APPEARANCE). POSTS ARE PAINTED BRASS. FULLY ASSEMBLED IN THE USA AND READY TO USE. THESE ITEMS ARE AVAILABLE DIRECT ONLY!!

PART #	LAMP	POST COLOR	QUANTITY	PRICE
DD1001	WHITE	GREEN	3	\$29.95
DD1002	YELLOW	GREEN	3	\$29.95
DD1003	WHITE	GRAY	3	\$29.95
DD1004	YELLOW	GRAY	3	\$29.95
DD1005	WHITE	UNPAINTED	3	\$29.95
DD1006	YELLOW	UNPAINTED	3	\$29.95

TRUCKS

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



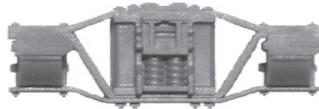
BETTENDORF
DELRIN

#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



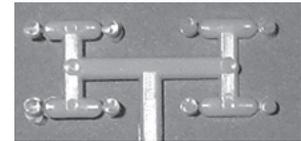
CABOOSE DOUBLE LEAF SPRING
DELRIN

#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



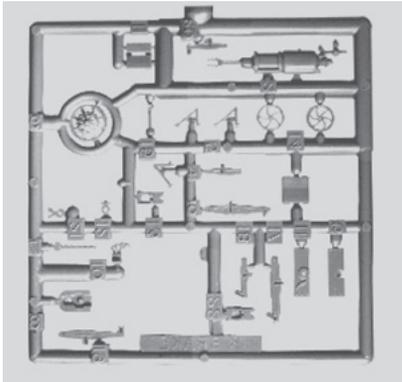
EQUILIZED ANDREWS
DELRIN
DELICATE - NOT INTENDED FOR
HARSH USE

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



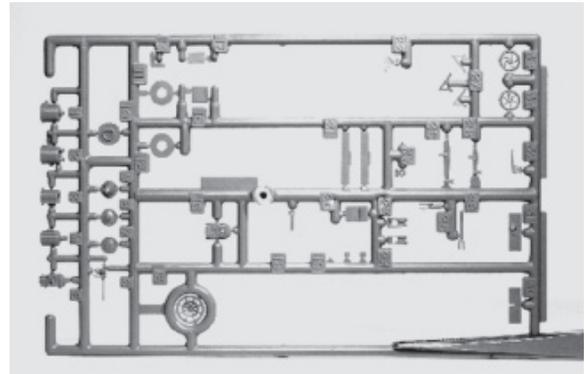
PASSENGER TRUCKS
"PING PONG" STYLE
INCLUDES 36" WHEELSETS

#3079 1PR \$4.95



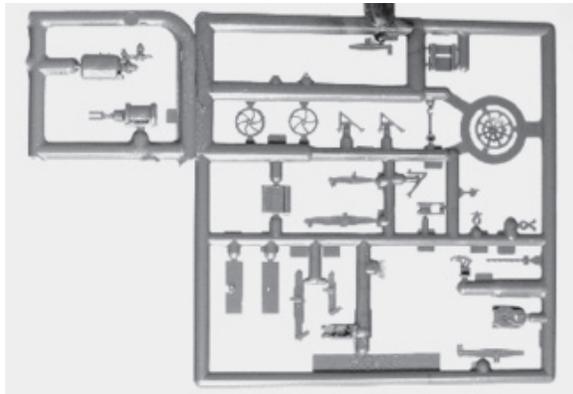
THIS IS A STANDARD WESTINGHOUSE K-BRAKE SET. IT WAS IN USE FROM 1900 TO 1942. IT INCLUDES THE CYLINDER, MOUNTS AND BRAKE LEVERS. IT ALSO INCLUDES YOUR CHOICE OF A VERTICAL STAFF AND BRAKE WHEEL OR AN AJAX ASSEMBLY FOR THE CAR END. MOLDED IN GRAY STYRENE.

#3005 1 SET \$3.00



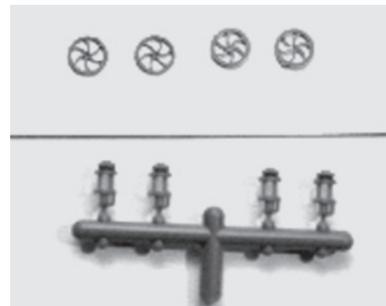
THIS IS A STANDARD WESTINGHOUSE AB-BRAKE SET. IT WAS IN USE FROM 1940 TO NOW. IT INCLUDES THE CYLINDER, RESERVOIR, MOUNTS AND BRAKE LEVERS. IT ALSO INCLUDES YOUR CHOICE OF A VERTICAL STAFF AND BRAKE WHEEL OR AN AJAX ASSEMBLY FOR THE CAR END. MOLDED IN GRAY STYRENE.

#3013 1 SET \$3.00



THIS IS A 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

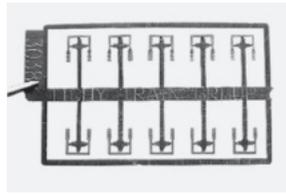


THIS IS A STANDARD VERTICAL BRAKE WHEEL ASSEMBLY FOR USE ON FLAT CARS AND SOME GONDOLAS AND ORE CARS. MOLDED IN GRAY STYRENE WITH PHOSPHOR BRONZE WIRE.

#3003 4 SETS \$2.00

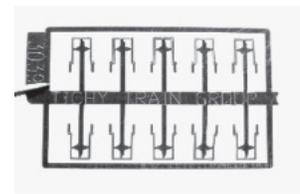
FREIGHT CAR STIRRUPS

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.



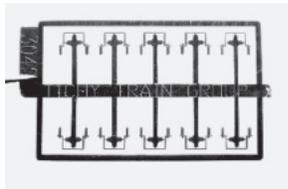
STRAIGHT SIDE MOUNT

#3038



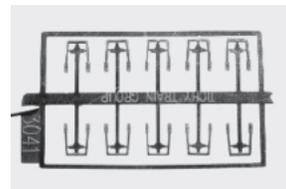
STRAIGHT BOTTOM MOUNT

#3039



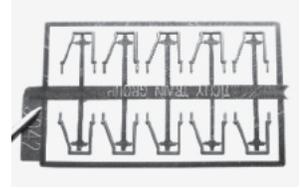
SHORT STRAIGHT BOTTOM MOUNT

#3040



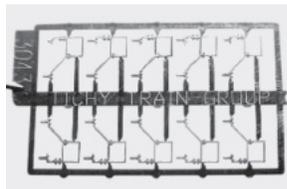
SLANT SIDE MOUNT

#3041



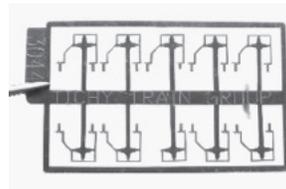
ANGLED OFFSET BOTTOM MOUNT

#3042



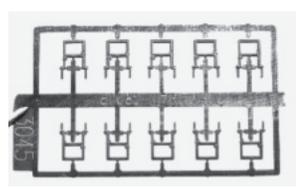
DOUBLE OFFSET BOTTOM MOUNT

#3043



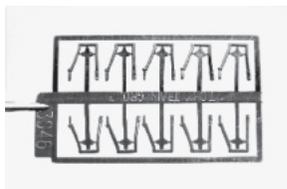
STEPPED OFFSET BOTTOM MOUNT

#3044



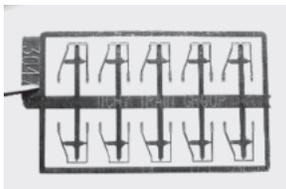
STRAIGHT DBL STEP BOTTOM MOUNT

#3045



ANGLED SIDE BOTTOM MOUNT

#3046

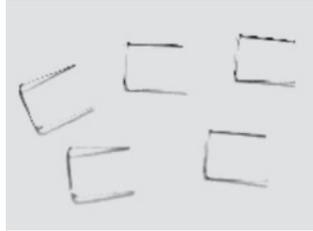


ANGLED OFFSET SIDE MOUNT

#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



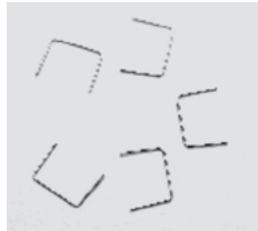
18" STRAIGHT GRABIRONS

#3021 100 PCS \$3.50



ROOF CORNER GRABIRONS

#3028 100 PCS \$3.50



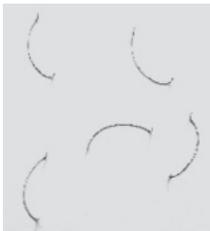
24" STRAIGHT GRABIRONS

#3053 50 PCS \$3.50



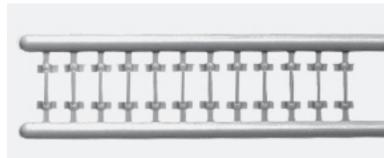
24" DROP GRABIRONS

#3057 50 PCS \$3.50



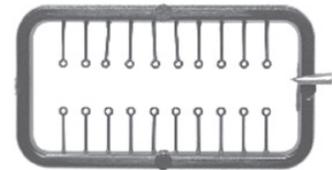
CURVED CABOOSE GRABIRONS

#3054 25 PCS \$3.50



BRACKET GRABIRONS

#3075 48 PCS \$4.95



EYEBOLTS

#3037 80 PCS \$3.50

BOXCAR DOORS & LADDERS



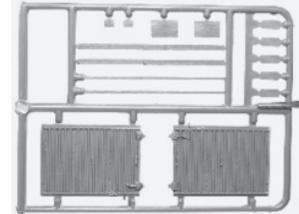
THIS IS A 6' W BY 8' 10" HIGH WOOD CAMEL #50 DOOR. IT WAS COMMONLY USED ON BOX CARS FROM 1900 TO 1950. IT IS MOLDED IN GRAY STYRENE AND COMES WITH THE DOOR TRACKS.

#3017 1 PAIR \$3.00



THIS IS A 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



THIS IS A 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



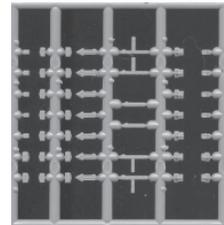
THESE ARE LARGE TRIANGULAR HINGES AS USED ON EARLY BOXCARS AND ESPECIALLY REFRIGERATOR CARS. THEY ARE INJECTION MOLDED IN GRAY STYRENE AND ARE ONLY .010 THICK.

#3067 45 PCS \$3.50



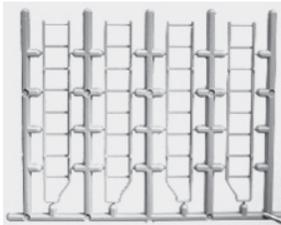
THESE ARE LARGE STRAP HINGES AS USED ON EARLY BOXCARS AND ESPECIALLY ON END DOORS. THEY ARE INJECTION MOLDED IN GRAY STYRENE AND ARE ONLY .010 THICK.

#3068 48 PCS \$3.50



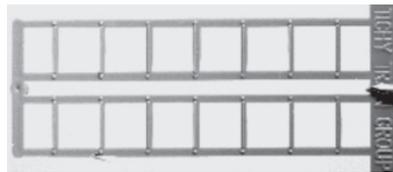
THIS IS A SET OF ALL METAL PARTS IN VARIOUS STYLES FOR EARLY WOODEN BOXCAR DOORS. IT CONTAINS PARTS FOR BOTH SIDES ALONG WITH SHIMS FOR VARIOUS THICKNESS DOORS.

#3070 1 SET \$3.00



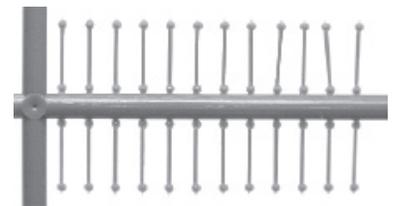
THESE LADDERS MODEL THE WELDED STEEL LADDERS WITH ATTACHED STIRRUPS COMMONLY USED IN CANADA AND ON SOME AMERICAN ROADS. THE STIRRUPS CAN BE CUT OFF IF DESIRED.

#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



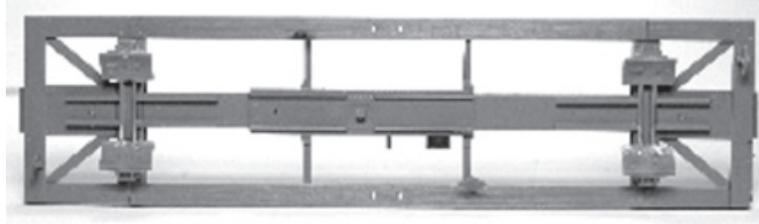
THESE LADDERS MODEL THE WELDED STEEL LADDERS USED ON MOST REFRIGERATOR CARS FROM 1920 TO 1960. THEY ARE MOLDED IN GRAY STYRENE.

#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



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



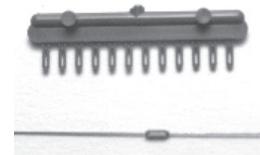
5"
#3072



6"
#3073



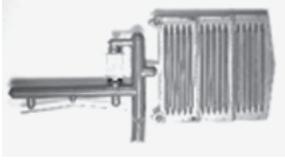
10"
#3074



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



THIS IS A 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



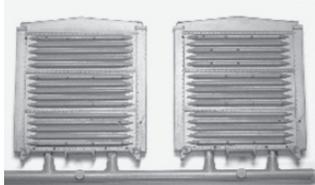
THIS IS A 5/5/5 END FOR USRA SS STYLE CARS AND CLONES. IT IS AN EARLY STEEL END (1918) MADE UP OF THREE PANELS. THESE CARS ARE 8' 9" WIDE WITH 9' 6" HIGH SIDES. MOLDED IN GRAY STYRENE.

#3020 1 PAIR \$3.00



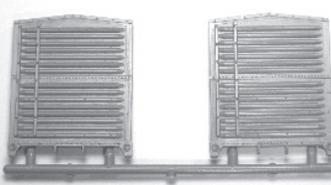
THIS IS A REBUILT 5/5/5/1 END FOR USRA SS STYLE CARS REBUILT WITH STEEL SIDES. IT HAS AN EXTRA 1 RIB TOP PANEL AND WIDTH EXTENSION PANELS. THESE CARS ARE 9' 10" WIDE WITH 10' HIGH SIDES. MOLDED IN GRAY STYRENE.

#3031 1 PAIR \$3.00



THIS IS A 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



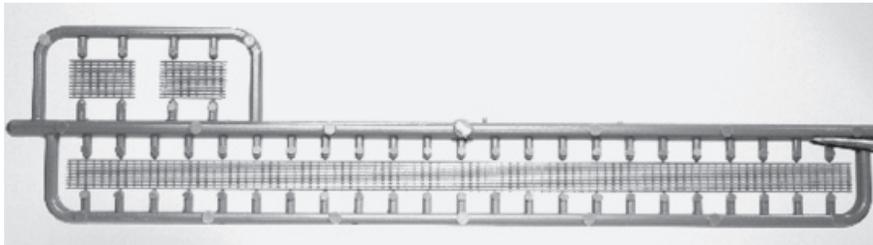
THIS IS A 7/8 STYLE END FOR USRA STYLE CARS AND CLONES. THESE CARS ARE 10' WIDE WITH 10' HIGH SIDES. MOLDED IN GRAY STYRENE.

#3058 1 PAIR \$3.00



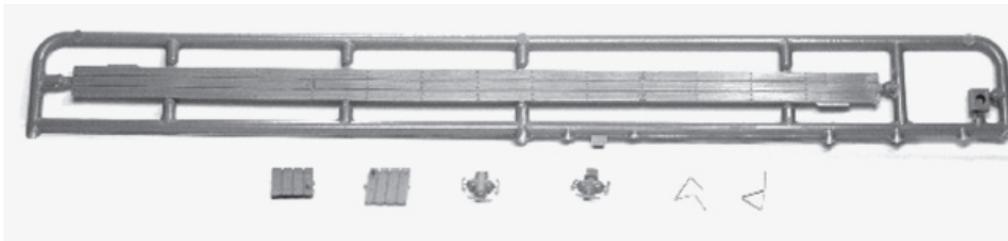
THESE ARE YOUNGSTOWN STANDARD STEEL DROP ENDS FOR MILL GONDOLAS. THEY WERE USED FROM THE 30'S TO THE PRESENT. THEY ARE PROTOTYPICALLY THIN WITH CORRUGATIONS ON BOTH SIDES. THEY MEASURE 1.25" W x .5" H (9' x 44").

#3061 1 PAIR \$2.50



THIS IS A 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

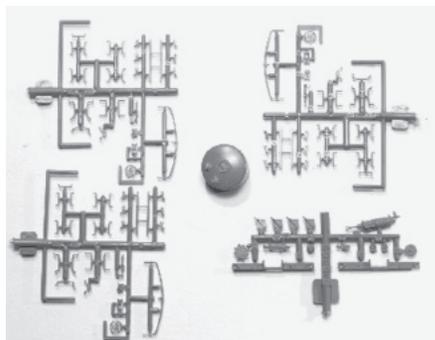


THIS IS A 40' WOOD ROOFWALK MOLDED IN GRAY STYRENE. IT WAS USED ON FREIGHT CARS IN ALL ERAS. IT INCLUDES SIDE WALKS, END BRACKETS AND ROOF CORNER GRABIRONS.

#3029 1 SET \$2.50

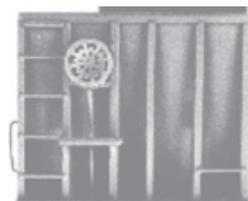
FREIGHT CAR DETAILS

48



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

#3007 \$4.95



THESE ARE THE 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



THIS IS A 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



THESE ARE 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



THIS IS AN 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



THIS IS THE "U" SHAPED WINCH USED TO TIGHTEN NYLON OR STEEL STRAPING 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

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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