

10-44

GET MAN SIZED RAILROADIN' IN 7/8" GAUGE

(The Middle-sized, All-American Gauge)
with Equipment in the "Universal" 3/16" Scale!

This is the kind of post-war pike you'll want to have. Equipment small enough for average spaces, yet large enough for detail . . . easy to handle . . . fun to operate. The development and design of our post-war line is now progressing in capable hands . . . and some nice surprises are in store. For now, we advise building a few car bodies . . . "just for size." Then start your layout, using any kind of HO or OO rail you can get. Limited quantities of trucks, couplers, and other parts left over from pre-war stock. Will be made available soon. Write for FREE CIRCULAR on 7/8" gauge, scale rule, clearance chart, NMRA standards and helpful hints on converting your scale or tinsplate line to 7/8" track.

CLEVELAND MODEL and SUPPLY COMPANY
4506 Loraine Ave. Cleveland, O.

OLD - TIMER TRAIN

Car sides for 4-car 1890 train, including 3 different coaches and a baggage car like that shown in July Model Railroader. All open-ender style. Tuscan red, but may be painted any color. Windows to be cut out with model knife. Use odd bits of wood and wire for structural parts. Fine for your backwoods branch or work train. **\$100**
SET OF 4

CENTRAL MFG. CO.
2020 Broadway Hannibal, Mo.

3/16" Scale FRT. CAR SIDES

Set of 4 cars, sides and ends, embossed wood and rivet detail. Solid Tuscan Red, without lettering. Made of heavy stock, tougher than cardboard. Choice of inside or outside braced wood box or auto car, steel box or auto, wood or steel gondola, tank, flat, hopper car, caboose. Sides and ends only. Your choice, but we may have to substitute. **\$100**
SET OF 4

THE HOBBY EXCHANGE
3248 Fenkell Ave. Detroit, Mich.

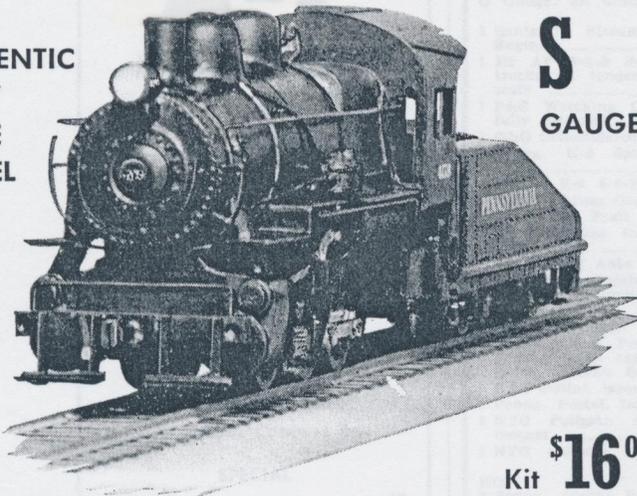
PASSENGER CAR SIDES

Sides and ends for a standard-type three car train . . . baggage, coach, and Pullman. All red, but can be painted green if desired. Accurately scaled, with vestibule partitions, etc. Windows may be cut out with model knife. Doors may be hinged to open and close. Average length 80 ft. making 3-car train over 46" long. Will operate on tinsplate or scale trucks. **\$100**
SET OF 3

Pullman Only 35c plus 5c for postage
West Towns Hobby Shop
5729 W. Lake St. Chicago

BUY SELL

**AUTHENTIC
3/16"
SCALE
MODEL**



**S
GAUGE**

Kit **\$16⁰⁰**

PENNSY SWITCH ENGINE

Now you can start battling 'em over the hump in great style. Here's a famous work-horse of the Pennsy . . . the 0-6-0 switcher . . . with its characteristic Bellpaire firebox, sloping tender and all! Kit includes precision die-cast frame, cylinders, cross-heads, side rods, steel tires, stamped brass valve gear parts, etc. Superstructure built up from wood turnings for low cost and easy construction. Embossed overlays provide realistic rivet detail for tender, cab, and smokebox. Worm gear and motor not included. Here's a scale model kit for less than the price of a toy. Order yours today.

Write for Price List of New Car Body Kits

CLEVELAND

MODEL AND SUPPLY COMPANY

"Pioneer Manufacturer in S Gauge"

4513C70 Lorain Avenue

Cleveland, Ohio

NR 3-47

for December, 1946

Printed, Scribed and Embossed (3/16" scale S ga.) CAR SIDES

These cars are printed on fine quality, deeply scribed cardboard. Steel cars have embossed rivet detail. Box cars are lettered completely. (Doors not printed.) Reefers are lettered and printed in appropriate color schemes with doors printed. Scribed or embossed rivet end material (to match sides) included.

BOX CARS, 25c per set

- B-1 Southern 40 ton, 40'6" wood sheathed
- B-2 Ann Arbor 40 ton, 40'6" wood
- B-3 (Cotton Belt) 40 ton, 40'6" wood sheathed
- B-4 Lackawanna 40'6" wood sheathed
- B-5 B&O 50 ton, 40'6" steel sheathed
- B-6 PRR 50 ton, 40'6" steel sheathed

REEFERS, 35c per set

- R-11 Crisco (Pullman green, white letter)
- R-12 Oscar Mayer (bright red and white)
- R-13 Swift Premium Ham (yellow, black)
- R-14 Hahns (yellow, black lettering)
- R-15 Cliquot Club (white, black lettering)
- R-16 Gerbers Baby Food (blue and white)

Switch Engine Parts

PRR 0-6-0 switcher. These are not quite "complete kits" but comprise most of the vital components for building the chassis and valve gear, including one-piece die-cast frame, die-cast cylinders, side rods, wheels, axles, etc. Boiler, domes and superstructure detail are in wood turnings. A few simple parts are missing but can be obtained later or improvised in your own workshop. Total price of available parts and plans **\$10.95**. Add 20c per order for postage and packing. Complete price list of S gauge on request.

CLEVELAND

MODEL AND SUPPLY COMPANY
Pioneer Manufacturers in S Gauge
4512M70 Lorain Ave. Cleveland, O.

WAITING FOR A TRAIN?



It's no fun waiting for things you want . . . whether it's a new auto, radio, or a model locomotive. But, we are battling out our problems here . . . getting set on costs, prices, and production methods. Tools and dies are ready and we'll soon be rolling on the 10-Wheeler and the 0-6-0 switcher we've been promising so long. Meanwhile, build your "S" gauge pike and be ready for a big variety of Cleveland-Designed authentic equipment.

WRITE for "S-PIKES" Pamphlet.

CLEVELAND
MODEL AND SUPPLY COMPANY
 Pioneer Manufacturer in S Gauge
 4506 Lorain Ave. Cleveland, Ohio

Full Line of S Gauge

Write for prices on ANY S gauge equipment you want. Order by mail or visit our store.

TRAIN REPAIRS — ALL MAKES

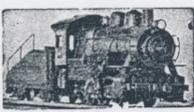
CLEVELAND HOBBY SHOP
 4514C70 Lorain Ave., Cleveland 2, Ohio

EVERY MODEL RAILROADER HAS A PLACE FOR BOTH OF THESE LOCOMOTIVES



10-Wheeler Type
\$18 Kit
 Less gears & motor

. . . and can
 Afford to
 Buy Both Now!



0-6-0 Switcher
\$16 Kit
 Less gears & motor

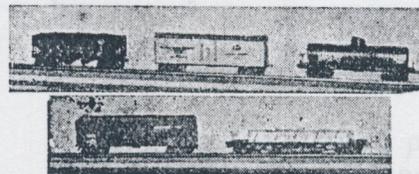
12 NEW FREIGHT CAR SIDES

Fine quality scribed cardboard. Steel cars have embossed, rivet details. Box cars lettered completely. (Doors not printed on.) Reefers lettered and printed in appropriate color; doors printed on. Scribed or embossed ends included.

POPULAR BOX CARS		COLORFUL REEFERS	
SB18 Southern 40-ton, 40' 6" wood-sheathed	.25	SR118 Crisco (Pullman green, white letters)	.35
SB28 Ann Arbor 40-ton, 40' 6" wood-sheathed	.25	SR128 Oscar Mayer (bright red, white letters)	.35
SB38 St. Louis SW (Cotton Belt RT) 40' 6" wood-sheathed	.25	SR138 Swift Premium Ham (yellow black letters)	.35
SB48 Lackawanna (Route of Phoebe Snow) 50-ton, 40' 6" wood-sheathed	.25	SR148 Hahns (yellow, black letters)	.35
SB58 B&O 50-ton, 40' 6" steel-sheathed	.25	SR158 Cliquot Club Ginger Ale (white, black letters)	.35
SB68 PRR 50-ton, 40' 6" steel-sheathed	.25	SR168 Gerber's Baby Food (blue & white)	.35

CLEVELAND MODEL AND SUPPLY CO. 4515L70 Lorain Ave. **CLEVELAND**

12 NEW CAR SIDES for S gauge Only 25c and 35c per set



These cars are printed on fine quality, deeply scribed cardboard. Steel cars have embossed rivet detail. Box cars are lettered completely. (Doors not printed.) Reefers are lettered and printed in appropriate color schemes with doors printed. Scribed or embossed rivet end material (to match sides) included.

BOX CARS, 25c per set

- B-1 Southern 40 ton, 40'6" wood sheathed
- B-2 Ann Arbor 40 ton, 40'6" wood sheathed
- B-3 St. Louis SW (Cotton Belt Route) 40 ton, 40'6" wood sheathed
- B-4 Lackawanna (Route of the Phoebe Snow) 50 ton, 40'6" wood sheathed
- B-5 B&O 50 ton, 40'6" steel sheathed
- B-6 PRR 50 ton, 40'6" steel sheathed

REEFERS, 35c per set

- R-11 Crisco (Pullman green, white lettering)
- R-12 Oscar Mayer (bright red, white lettering)
- R-13 Swift Premium Ham (yellow, black lettering)
- R-14 Hahns (yellow, black lettering)
- R-15 Cliquot Club Ginger Ales (white, black lettering)
- R-16 Gerbers Baby Food (blue and white)

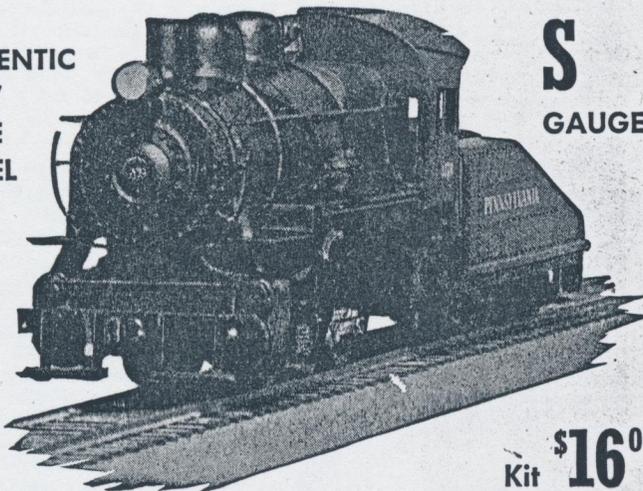
Packing and postage, 20c per order. Write for circular containing scale rule, clearance chart and buyer's guide.

CLEVELAND

MODEL AND SUPPLY COMPANY
 Pioneer Manufacturers in S Gauge
 4512G70 Lorain Ave. Cleveland, Ohio

583

AUTHENTIC
3/16"
SCALE
MODEL



S
GAUGE

Kit **\$16⁰⁰**

PENNSY SWITCH ENGINE

Now you can start battling 'em over the hump in great style. Here's a famous work-horse of the Pennsy . . . the 0-6-0 switcher . . . with its characteristic Bellpaire firebox, sloping tender and all! Kit includes precision die-cast frame, cylinders, cross-heads, side rods, steel tires, stamped brass valve gear parts, etc. Superstructure built up from wood turnings for low cost and easy construction. Embossed overlays provide realistic rivet detail for tender, cab, and smokebox. Worm gear and motor not included. Here's a scale model kit for less than the price of a toy. Order yours today.

Write for Price List of New Car Body Kits

CLEVELAND

MODEL AND SUPPLY COMPANY

"Pioneer Manufacturer in S Gauge"



4513G70 Lorain Avenue

Cleveland, Ohio

Easier to Build! Best Advantages of Other Gages--Plus! Costs Less! . . . these are the 3 Big Reasons why Model Railroaders like this New C-D 3/16" scale, 7/8" gage RR. lineup of Cleveland's



Notice how realistic these C-D locomotives look! Ever seen any better looking? Don't you think? Building one of them at their low prices!

THE BIGGEST QUESTION in many model railroads' minds today about this new C-D RR. lineup is—

Just What Are the Kits Like?

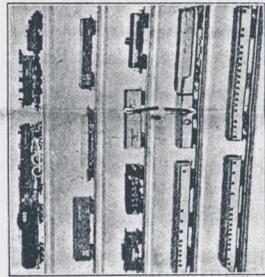
Well, here's the answer: They are, for the most part, of built-up wooden construction which can be finished and hand painted. However, for simplification and starting realism, we employ a "short cut" we discovered years ago, namely, covering all wood-work with specially printed-in-color paper which carries all lettering, figures and mechanical details. These are the "Super" kits. They are built up by truck the finished model, then varnished if desired. Wheels are supplied turned on wood. The framework and couplers printed on wood. The cut out by hand, to make up "dummy" trucks and couplers (later, at a reasonable price, you can replace these with working trucks and couplers we will have ready in the Fall, to operate your "tepp" models on a "Super" model layout or make tracks). Outstanding details such as axles, wheels, brake wheels, etc., may be left as they are, or, if desired, turned on wood. The wheels and hubs are turned on those requiring spokes, these must be assembled by the builder. This is easily done by simply assembling a few spokes on a lathe or planer between the hub and tire (lots easier than it sounds, for when you get the lathe, you'll be glad you had it). The wheels are prepared like the Hiawatha wheels. These may either be hollowed out or simply painted in to represent the holes. Wood wheels make huge improvements, and would double or triple the price.

Here's the Story in a Nutshell

1. All locomotive cabs, tender and cab sides, tops and ends as well as freight cars completely printed out—lettering and all in full realistic color, where possible (goods of Hiawatha train must be painted gray or silver because of their more or less intricate designs).
2. Wheels supplied turned on wood, requiring only hand work to complete. They all roll, and locomotive mechanism "works."
3. Necessary locomotive "mechanism," built-in heads, walks, truck side frames, etc., printed out.
4. All necessary strips, blocks and pieces to complete the entire locomotive tenders or cars.
5. All fill in materials to realistically simulate the metal or solid wood construction as it appears on the prototype.
6. Necessary metal printed, lettered and detailed covering paper, screws, spacers, pins, axles included, etc., etc.
7. And last, but most important of all, included in each kit is a completely detailed full sized, copy-righted authentic Rep drawing, enabling you to make each model most easily by the easy model design methods worked out—far more easily made than might be believed. But please don't criticize wood and paper construction until you really know. The model is built up by truck the finished model, that it is not necessary to make models of metal, especially if you object to higher prices. Really, we're paving the way to an entirely brand new type of model railroading that everyone can afford to build. TRY A FEW!

For Realism in a Tin Track Toy Train Layout

If you are dissatisfied with the toy-like appearance of your present toy O gage rolling stock, try a few C-D cars, build them up, but use your tin initially these 3/16" scale cars "fit in" with your other toy rolling stock, but not intended to fit 1/4" scale material, however.



The models themselves look even better than the picture indicates. Order some today and try them out!

34 C-D Kits Now Available--All Shipped Postfree

RR-1 PRR Switcher 0-4-0 and Tender	45	RR-1 PRR Type N-5 Caboose	45
RR-2 Hiawatha (4-4-2) Locomotive and Tender	75	RR-1 Gondola Type Cars	45
RR-3 Hiawatha Coach	25	RG-1 4-6 ton, Class G.A.	35
RR-4 Hiawatha Tender	25	RG-2 NYC-41 ft.-50 ton, Class G.A.	35
RR-1 NYC-40 ft. steel (NYC Herald)	45	RG-3 NYC-41 ft.-50 ton, Class G.A.	35
RR-2 B&O-40 ft. steel	45	RG-4 T&P-41 ft.-50 ton, Class G.A.	35
RR-3 B&O-40 ft. wood	45	RG-5 40lb. Class G.M. (PRR Herald)	55
RR-4 Wabash-40 ft. wood	45	TANK CARS	
RR-5 Southern Pac-40 ft. wood	45	RT-1 Tanco-TUX (white) 8,000 gal.	35
RR-6 (Discontinued)	45	RT-2 NATX (black) 8,000 gal.	35
RR-7 Taxco & Pac-40 ft. wood auto	45	RT-3 Shucal-SRDX (black) 8,000 gal.	35
RR-8 (Discontinued)	45	RT-4 Guit-GRXC (black) 8,000 gal.	35
RR-9 Herald	45	HOPPER TYPE CARS	
RR-10 (Discontinued)	45	RR-1 CCRASH-45 ton, Twin Hopper	40
RR-11 AT&SF-50 ft. steel auto (Santa Fe Herald)	45	RR-2 HM (MP Herald)	40
RR-12 AT&SF-50 ft. steel auto (Santa Fe Herald)	45	RR-3 HM (MP Herald)	40
RR-1 CANV. 45 ton	35	RR-4 Illinois Central-50 ton	40
RR-2 PRR-46 ft.-50 ton	35	RR-5 Illinois Central-50 ton	40
RR-3 B&M-46 ft.-50 ton	35	RR-6 Illinois Central-50 ton	40
RR-4 LAN-46 ft.-50 ton	35	RR-7 Illinois Central-50 ton	40

These models or colors are included with them. The models they build are known as Representative (Rep) models. In the Fall, we will start bringing out a line of "Super Models." By simply employing working complete, detaching the dummy trucks, and as your "Super Model" layout. This line of models shall be known as the C-D DELUXE LINE.

Thinking Out Loud--After Reading June Model Railroader

You too no doubt read the June issue of "Model Railroader." In line with it, here are a few facts that we believe will be of interest, commercially.

Typical thought about something totally unexpected. The C-D scale was included, but since it made its appearance only a few days before the last votes were added, the majority of the model builders already following it. Why not let us know what you want? Just watch this scale go places.

at our Representative Pennsylvania Switcher 0-6-0, a complete Representative Kit for only 60 cents for couplers and touchup work. On our new Hiawatha 4-4-2, this year's "Every month a new gage comes on the market"—ik, as we all know, decidedly untrue. For following it, O gage, several years ago came the model builders far and near are flocking. It is something we have brought about the truly American C-D standard to which we had "sumption" enough to start it. We did—just as we have always pioneered in other fields. Regarding the remarks that five present popular gages have a place in the American model building field as individual ideas.

We certainly do agree with the man who dislikes third rail questions will prove. All rolling stock will be insulated to suit the C-D 3/16" scale, 7/8" gage two-rail system.

The Model Builder's Wonder Wood

NOTE: Those who are inclined to disregard balsam wood are overlooking a marvelous aid in model work. For complicated work, there is nothing like balsam wood, the wonder wood of model passes balsam wood of a firm grade. Balsam wood is not only almost entirely free from splitting, but doesn't crush as might be expected. It is also free from warping, and it is very easy to operate. Trains, too. Don't frown upon it 'till you've tried ours.

Send for Catalog and Supplement

We want every model railroader and every model maker, whether he makes railroad or other models, to have the great Cleveland model catalog "see." It would easily total 150 pages of model making instructions, and it would be sent to you at once. It contains a list of wood of all kinds, plywood of the finest grade, tiny nuts, bolts, screws, and endless number of fittings for not only HO and OO scales, but also for the larger scales. It also contains a complete list of parts, kits, etc., and we also have one of the widest ranges of Varny HO and other model building machinery, parts, kits, etc. If you have not yet seen our catalog, you have not seen the thousands of items we stock and on which we can give you immediate service. Send for both copies today. Postage applies, only 10c.

Read Before Ordering

If your dealer can't supply subject to our regular shipping terms. Send check or M.O. (cash at own risk). No C.O.D.'s. Canada, Mexico, British Isles, add 10 per cent extra. All other countries, 20 per cent. Packing charge on all parts only 1.0c. Rush orders.

Dealers

Write at once for big-gest profit opportunity on Model Railroad Kits and Supplies. These are the most popular items in the hobby. Write to H. Vilen, Nybrokalln 7, Stockholm C Sweden, our European distributor.

WHERE MOVING!

Please inform us of your new address. Write to H. Vilen, Nybrokalln 7, Stockholm C Sweden, our European distributor.

CELESTIAL PREPARED C-D RAILROAD LACQUER

This is a special lacquer for use with the press for finishing up and painting. It is made in the U.S.A. and is available in 1/2 oz. and 1 oz. sizes. Write to H. Vilen, Nybrokalln 7, Stockholm C Sweden, our European distributor.

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This is a special lacquer for use with the press for finishing up and painting. It is made in the U.S.A. and is available in 1/2 oz. and 1 oz. sizes. Write to H. Vilen, Nybrokalln 7, Stockholm C Sweden, our European distributor.

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CELESTIAL PREPARED C-D RAILROAD LACQUER

19-43?

WHO WILL DO WHAT

in 7/8" Gauge?

(When the "Duration" is over)

TRUCKS The Hobby Exchange (Detroit) is now perfecting designs or actually working on dies for five different styles of freight and passenger car trucks including 4- and 6-wheel Pullman types, A.A.R., Arch Bar and Andrews types, to be equipped with metal or plated tenite wheels. Cleveland Model and Supply after the war will again resume manufacture of their Dalman Trucks.

TRACK Howell Industries, New Market, New Jersey, will offer their Patented, easy-to-build, HOWELL TRACK, elsewhere advertised in this issue. Standard 3/8" scale rail will again be offered by Cleveland, along with other track supplies. Switches will also be manufactured by The Hobby Exchange in Detroit.

DECALS Model Railroad Shop (Dunellen, N. J.) will manufacture their complete line of Decalcomanias for 3/8" gauge. These will include hundreds of variations in heraldry and dimensional lettering for common types of cars in use on about fifty different roads.

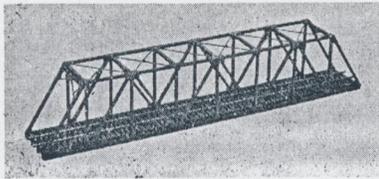
ENGINES Cleveland's pre-war models of the Pennsy switcher and of the CGW Ten-Wheeler will again be made after the war, with refinements and improvements in running gear and superstructure. Hudsons, Pacifics and Mikados will also be developed by Cleveland as soon after victory as possible. Kits for converting AF and Tinplate locomotives to 3/8" gauge are also contemplated.

CARS Several concerns are planning car body kits in 3/8" scale, in addition to those subscribing to this ad. A limited stock of the pre-war freight cars and locomotive kits is now available from Model Railroad Equipment Corporation in New York.

INFORMATION: Your name and address on a postcard will bring an interesting circular on 3/8" gauge, and place you on the mailing lists of all participating manufacturers.

CLEVELAND Model & Supply Co., 4506 Lorain Ave., Cleveland
THE MODEL RAILROAD SHOP, Dunellen, N. J.
THE HOBBY EXCHANGE, 3248 Fenkel Ave., Detroit, Mich.
HOWELL INDUSTRIES, New Market, N. J.
MODEL RR. EQUIPMENT CORP., 21 W. 45th St., New York

HO STEEL TRUSS BRIDGE



Use our all-wood steel truss bridge kits for the extra strength and lasting beauty that cardboard cannot supply. Build a bridge 119' long, 25'-5" high (HO scale), easily and quickly, with the perfectly shaped and cut-to-length parts plus the detailed plans and instructions that make up our kits. Try your dealer or order direct. This superb kit for only **\$175**

HO LETTER BOXES! Have you seen them? A new item just placed on the market. Order one. It's worth the price just to see it. Only **10c**
 Our **TIMBER TRESTLE KITS** still available for **\$1.00**
 Satisfaction guaranteed or your money back.

STAR-LINE MODELS 4318 Avenue M
 Fort Worth 5 Texas

DOUBLE-O GAUGE

More about our Custom-Built **PENNSY ATLANTIC E-6 LOCO** Precision-machined, assembled and tested. As fine a performing model as possible—a dream of every model railroader come true.

MODEL PRODUCTS CO.
 2161 E. 34th St. Brooklyn 10, N. Y.

READ LAST MONTH'S AD
 WATCH NEXT MONTH'S AD
 TAKING A REST THIS MONTH
BUY SELL TRADE
 Highest Prices Paid for Your Equipment.
LEONARD M. BLUM
 807 Engineers Bldg. Cleveland, O.

A compact, powerful, double-acting **SOL-ENOID MACHINE**, 8 to 15 volts, AC or DC. Compound leverage gives direct movement range 1/4" to 3/4". Adjustable locking device. Will convert manual switches to non-derailing electrics. Will operate crossing-gates, semaphores, etc. With ratchet device will operate turntable, lift bridge and loading devices. Complete with all wiring and keyboard type control switches, \$10.00 per pair. Postpaid cash with order, or send \$1.00, balance COD. **COLE-BUILT PRODUCTS**, 7075 Sta. G., Los Angeles 37, Calif.

GARGRAVES O GAUGE TRACK

Patented
FOR SCALE OR TINPLATE
 Makes curves, etc., as you desire them. No gauge, no spikes, six ft. for a dollar. Circular for Stamp
GARDNER, "The Train Doctor"
 Lionel Factory Approved Service.
 Year around. Always open.
 2261 Dewey Ave. Rochester 13, N. Y.

The Model Railroader's HONOR ROLL

- ★ **ROBERT BOHM**
Army
- ★ **TONY T. DICRISTO**
Army
- ★ **ERVIN F. GRUDZIELANEK**
Army
- ★ **PAUL B. KISSEL**
Army
- ★ **HOWARD A. LITTLE**
Army
- ★ **RICHARD MYSEWSKI**
Navy
- ★ **FRITZ PETERSEN**
Army
- ★ **ROY SCHROECKENTHALER**
Army Air Forces
- ★ **MARION SCHULZ**
WAVES
- ★ **RICHARD H. WAGNER**
Army

Model Shows

- Washington, D. C., Apr. 18-May 21. Metropolitan Society of Model Engineers. Annual exhibit and members' contest, National Museum of Science and Industry.
- Detroit, Mich., Apr. 27-30. Detroit Model Railroad Club, 419 E. Atwater St. Daily, 7 to 11 p. m.; Saturday and Sunday, 2 to 5 p. m., 7 to 11 p. m.
- Niagara Falls, N. Y., Apr. 28-30. Niagara Model Railroaders' Club, second floor, NYC Station, Falls St.
- Milwaukee, Wis., Apr. 30-May 7. Model Railroad Club of Milwaukee, 215 E. National Ave. Saturdays and Sundays, 2 to 10 p. m. Weekdays, 7:30 to 10 p. m.

Chairmen of Standards Committees.

Bill McAllister, general chairman of the N. M. R. A. engineering committee, is also head of the standards committees which will investigate and submit recommendations on standards questions. To date the list of the various chairmen is not complete, but those who have been selected are: Robert F. Smith, Minneapolis, O gauge; Clark D. Pool, Brooklyn, OO gauge; Lt. Warren F. Morgan, U. S. N., New York, Hi-Rail. Chairmen are still needed for HO gauge, the new S gauge, and trolley standards in the various gauges. Any suggestions on standards may be mailed to W. F. McAllister, 190 Hillcrest Dr., Cincinnati 15, O.

**MANUFACTURERS
PLAN FOR $\frac{3}{16}$ " SCALE
AFTER VICTORY**

It's on the way, fellows . . . just what many of you have asked for. A middle-size gauge, $\frac{3}{16}$ " scale on $\frac{7}{8}$ " gauge track, to give you man-size railroadin' in about half the space of an O gauge layout.

If you're interested, we'll get ready to supply the things you'll need . . . after the war, of course, but maybe sooner than you think!

DON'T ASK NOW, but send a postcard and get on the mailing list for information later.

**CLEVELAND
MODEL & SUPPLY CO.**
4506 Lorain Ave. Cleveland, O.

MODEL RR. Equipment Corp.
21 W. 45th St. New York, N. Y.

MODEL RAILROAD SHOP
Dunellen New Jersey

**SELLEY CAN STILL SUPPLY
FROM STOCK ALL PARTS
LISTED IN CATALOG
NO. 11**

Send 5c for your copy NOW



Unpainted Figures
HO -----6 for 25c
O -----6 for 45c

All Illustrated.

130 HO Parts

207 O Parts

60 OO Parts

SELLEY MFG. CO.

1377 Gates Ave., Brooklyn, N. Y.
Dept. 709

**LOCOMOTIVES
VARNEY DOCKSIDES, kit \$15**

— Other HO Equipment —
MEMBER Walthers O gauge trucks



George B. Beiswanger

626 N. Locust St. Adrian 1, Mich.

WORK AT YOUR HOBBY!

Immediate openings—retail selling!

Hobby merchandise organization has immediate openings in its own and dealer stores. Hobbyists with or without retail selling experience will be considered for these attractive openings which include post-war futures. Pleasant environment, good starting salary. Age no factor. Write fully for prompt consideration. Box G, THE MODEL RAILROADER.

**Signals and
Signal Blades
in full color**

Along the Division

stern.

m the home front
the formation of a
ltoona, Pa., which
ld hobby ain't dead
g sight. . . . Heart-
dictum that every
likewise join the

Railroad Associa-

Recognition that the
N. M. R. A. is an essential part of
railroading in this country. . . .
The Altoona Model Railroad Club
was organized May 3 and on May
17 moved into quarters on the third
floor of the McCullough Bldg., 1121
11th Ave., with two large windows
overlooking the main line of the
Pennsy at Altoona station. The O
gauge terminal line was given a
running test early in August. Har-
old Goodman is president; Richard
Replogle, vice-president; Edward
A. Basler, secretary and treasurer;
Roy H. Hammon, general manager.
Meetings are held weekly (Monday,
7:30) and visitors are welcome if
they first contact Goodman, phone
2-2724, or Hammond, phone 9721.

Trouble developed on the Seton
Valley RR. of Percie Pierce, Llan-
erch, Pa., when the roundhouse cat,
prototype size, went to sleep in
the through truss bridge. Luckily,
a catnap is of short duration, and
traffic was resumed after Tabby
awoke.

A ticklish piece of work is gushed
about by J. H. Geissel, editor of
the Philadelphia Model Railroad
Club's *Turntable Topics*, in which
he tells of Jack Shawde, 17-year-
old member of the Main Line So-
ciety of Model Engineers at Ard-
more, Pa. Shawde is an HO
gauge fan, and has built a turnout
with both 3 ft. and standard gauges
in the same switch. When you
consider that 3 ft. gauge in 3.5 mm.
scale is roughly 13/32", leaving
roughly 1/4" between the second
and third rails, you haven't much

Notice to Club Sec

The annual listing of
road clubs will be prin
November issue of THE I
ROADER. Return postal
already been mailed to
clubs, asking for info
your club did not rec
(as might happen if th
not previously listed),
sure to send the followi
tion to Club Directory
MODEL RAILROADER, 1027
Milwaukee 3, Wis.:

1. State in which club is
2. City.
3. Official name of club.
4. Gauge of club road.
5. Street address.
6. Meeting nights and th
7. Name of secretary.
8. Secretary's address.
9. Written signature of p
ing this informatio
10. Address of informant.

This should be in ou
later than Sept. 20. I
the information horizo
postal card or a piece o
same size; this will fac
dling in compiling the

room to work in, br
haven't much room to
. . . . Another Main
Stambaugh, swears he
quit building cars after
No. 200. No. 189 is now
shops. Among the 11 l
his goal Stambaugh wil
tank cars to complete h
40-car tank train. . .
we'll betcha he decides
on and build another in
before he quits. Model
is like that.

Southeastern

Cpl. Murray B. Sinc
drome Squadron, Gul
Miss., is building a l
which he says won't co
than six bits includi

HO: AF Hudson, 3 passenger cars \$25; AF
Hudson, 5 freight cars \$28; DC \$3 extra;
Varney freight kits with trucks \$1.50; ten
beautiful finished freight cars \$15; 12 v.
power pack \$14.95.

O: Ten beautiful scale freight cars \$70;
Lionel super-detailed Hudson 2R No. 3 K&D
motor, special gears \$110; Penn. K4 Lo-
baugh drive 2R \$110; 3R Hudson, needs
work \$55; 1 Walthers G. N. 4-8-4 Lobaugh
paint, 2R, \$150. 2 rail Scale-Craft NYC
Hudson, \$75.

OO: Lionel No. 0080 super-detailed 3 rail
set, loco, 4 cars, \$35.

Full line Walthers O and HO equipment.

BUY SELL TRADE

LEONARD M. BLUM

807 Engineers Bldg. Cleveland, O.

**PHILADELPHIA HO
LOOK**

HO No. 6 Switches
(Brass Rail) each
HO Brass Rail, 99 ft.
HO Zinc Rail, 99 ft.
Power Paks, Walthers;
Rheostats, Walthers;

Car Kits Complete—Al

**WEST PHILADEL
MODEL SHO**

508 South 52nd St.

man.

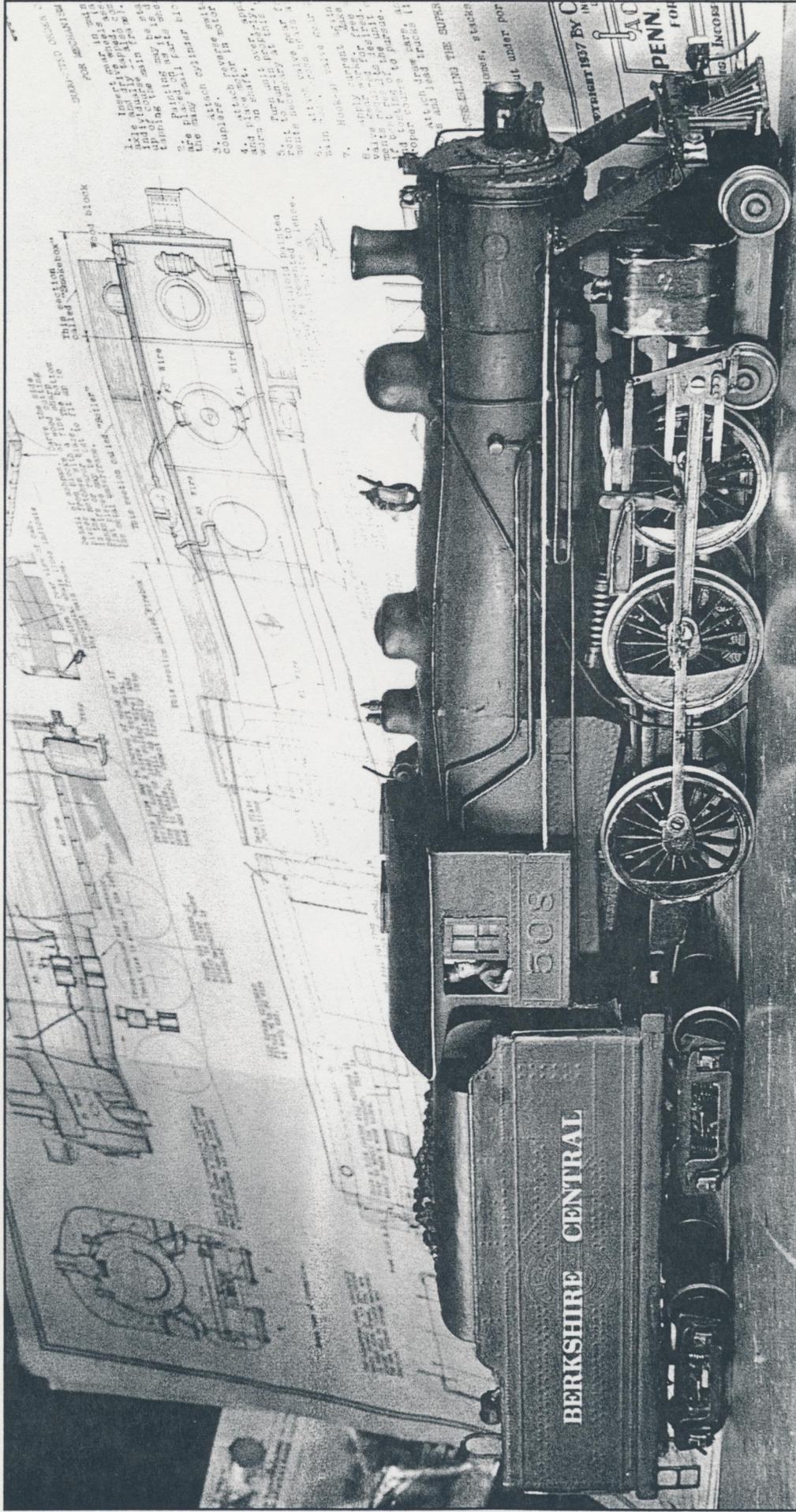
As I got into collecting S scale, I was surprised to learn that over 300 manufacturers had produced something in S! Most offered only one or two items, but there were several major producers too. I'll try to select the most significant ones for this column. We'll show

and one-sixty-fourth.

The introductory year of C-D gauge is uncertain. Common knowledge has C-D gauge appearing in 1936, but an old catalog gives "May 25, 1937" as the date the first "representative-type (REP) equipment" made its appearance. A 1937 instruction sheet states "This C-D

that these were scratchbuilt with Cleveland parts, which were also ordered separately.

The best-known of all the Cleveland kits are probably the two operating locomotives — the Chicago Great Western ten-wheeler and the Pennsy 0-6-0. These two kits, more than anything else,



From a few feet away, this excellent example of the Cleveland ten-wheeler looks every bit as good as almost any kit-built engine. This one will handle four full-size Pullmans on three percent grades. [Coughlan collection]

Red 1-9-65

S-PIKES SCRATCHBUILDERS! NOW YOU CAN EXPAND YOUR LAYOUT!

LIST OF 3/16" TRUE SCALE MODEL RAILROAD SUPPLIES

Exclusively Represented By

CLEVELAND MODEL & SUPPLY CO. 4506 LORAIN AVENUE CLEVELAND 2, OHIO (WO. 1-3600)

Realizing there is now a rather heavy pent-up demand for S-gage equipment, we are pleased to announce an exclusive sales representation of the newly established Cleveland Model Railroad Co., of Cleveland, Ohio. This line of equipment for S-Gage Pikes is the most comprehensive in the market. It was developed and formerly manufactured by us so the merchandise still bears the Cleveland Model & Supply Co. name throughout.

This list of stock is all we now have on hand at present but, as other parts or kits become available, literature will be mailed to you. We have a great many kits we could again make available and a tremendous amount of engineering work on tap, to produce other needed items in S-Gage which could be revived if we find the response to this list warrants further expansion. Needless to say, if you and other S-Gagers buy for your needs as heavily as you can now, your support of our program might thereby be greatly accelerated.

While your comments will be gratefully appreciated, we can guarantee no replies, for if we are to do a good job of producing equipment for you, corresponding must be halted because we have only a skeleton crew to accomplish our aims and that of Cleveland Model Railroad Company except for occasional form letters to inform fans of our progress to somewhat answer the bulk of queries we receive. Thank you for understanding.

Also, please understand this is a mail order business only. Since we do NOT operate a hobby shop, we cannot take care of walk-in customers due to lack of experienced Railroad workers at the present time. All orders are subject to our standard ordering instructions on last page. Orders require approximately 5 to 7 days for shipment, so please do be patient with us especially since we have very short stocks of many of the items listed. First come, first served; no stocks reserved.

PLEASE NOTE: On practically all our die cast parts you will find flash material you must clean off yourself. Prices would be higher if we did it for you, but we cannot do so at this time. Also, some of the metal parts made up in sets only may be found to have extremely slight haze of oxidizing or rust in small spots for the time being. This we will gradually eliminate.

LOCOMOTIVE DESIGNS AND PARTS

PENNSYLVANIA RAILROAD 0-6-0 SWITCHER This beautiful highly detailed drawing of the famed Pennsy Switcher and Slope Back Tender is all that could be asked for in the way of fine authentic detail to build a really beautiful operating model of which you will be proud. Complete in two sheets, Drawing SRL-1 \$ 1.50

CHICAGO GREAT WESTERN 4-6-0 (10-Wheeler) This design, like the Pennsy Switcher drawing, leaves nothing to the imagination. It might be ventured to say that our designs are the most complete ever offered to the model railroad world. Complete in two sheets, Drawing SRL-3 \$ 1.50

NOTE: Our designs, while made up to show wood boiler and cab superstructure in addition to using a block for the tender around which fibreboard rivet detail sheets are available, they may very easily be used for casting from brass, or solder thin sheet brass parts from the same patterns. (Trace thru carbon on .015" sheet brass) Many, who in the past have scoffed at wood superstructures and who have built these locomotives, now readily admit that there is absolutely nothing wrong with the beauty and detail of this construction, for once they are painted, they last indefinitely and can hardly be told from metal, and at only a fraction of the cost.

(Over)

STANDARD LOCOMOTIVE PARTS LIST FOR SCRATCHBUILDERS

DRIVE WHEELS-R80C (not assembled). As authentically detailed die-castings as one could ever hope to find anywhere. 56" dia. 13 spokes (for 0-6-0) with tires, insulation and four different counter weights (any weight may easily be attached to each wheel).
Per wheel (not per pair) . . . \$.75

DRIVE WHEELS-R81C Like above, 72" dia. 17 spokes (for 4-6-0) with steel tires, insulation and 3 counterweights, also per wheel75

<u>STEEL TIRES-R81</u> for 56" Per Wheel \$.30	<u>STEEL TIRES-R87</u> for 72" Per wheel SOLD
DIE CAST " -R81DC for 56" " " .10	DIE CAST " -R87DC for 72" " " SOLD

ARMITE INSULATION SHEETS For insulating drive wheels, etc.
3 pcs. 2 x 4", one each of .003, .005 and .007 thick .. .25

LOCOMOTIVE AXLES-R-73 Precision axle 3/16" diameter, milled for quartering to fit our die-cast wheels35

10 DIFFERENT LOCOMOTIVE DRIVEWHEEL SETS

6-72" Locomotive Drivewheel Sets: with steel tires, 3 quartered steel axles, brass washers, 3 counter-weights to each wheel included and Armitte Insulation sheets.
Set of 42 pieces \$ 4.95

6-56" Locomotive Drivewheel Sets: with steel tires, quartered steel axles, brass washers, 4 counter-weights to each wheel included and Armitte Insulation sheets.
Set of 48 pieces \$ 4.95

Similar sets for 4, 8, 10 and 12 drivewheel locomotives:
4-72" 33 pcs. \$3.25 10-72" 68 pcs. \$8.50
8-72" 66 pcs. 6.95 12-72" 84 pcs. 9.95

Similar sets for 4, 8, 10 and 12 drivewheel locomotives:
4-56" 34 pcs. \$3.25 10-56" 81 pcs. \$8.50
8-56" 68 pcs. 6.95 12-56" 99 pcs. 9.95

LOCOMOTIVE PARTS LIST - Continued

SIDE ROD SCREWS-R-16 Steel, shouldered and slotted. 0-80, pr. .20
MAIN ROD SCREWS-R-17 Steel, shouldered with hex head. Threaded 0-80, pr. .20
SQUARE BRASS ROD 1/16" square for cross-head guides, etc. 2 Ft. .25
THIN BRASS HAND RAIL ROD No. 24 Spring Brass. .022" dia. x 1 Ft. long 2 for .10
MEDIUM "PIPING" ROD No. 21 Soft brass .032 x 1 Ft. long 2 Ft. .12
HEAVY "PIPING" ROD No. 19 Soft brass .040" dia. x 1 Ft. long 2 Ft. .20
SHEET BRASS For small parts .015" x 2" x 4"15

BRASS HANDRAIL POSTS R-71. May be used for scale models 1/4" and under; head is 1/16" dia. drilled with a .028 dia. hole for hand rails. Stem .040" dia. (press into No. 60 drill hole).
Total length 5/16"08
BRASS BELL R-57. 1/4" dia x 1/4" high .20
TENDER DRAW BAR R-58. Stamped of brass .25
FINE BRASS RIVET PINS- For valve gear parts. Approx. 7525
REVERSE SWITCH ASSEMBLY KIT for all small gage locos. A real quality item Kit79

SPECIAL BRASS PARTS
For SRL-1 and SRL-3 and Other Locomotives

VALVE GEAR HANGER, R-37. For P.R.R. 0-6-0 . . . \$.95
LINK HANGERS, R-36. To be attached to R-37 by riveting or soldering pr. SOLD
VALVE GEAR HANGER, R-60. For C.G.W. 4-6-0 SOLD
VALVE GEAR FRAME, R-38. For C.G.W. 4-6-095
COMBINATION LEVER, R-30 for either For either model pr. .30

REVERSE LIFT or CROSSHEAD RODS, R-29 either model pr. \$.30
RADIUS ROD, R-31 for either model pr. .30
ECCENTRIC ROD, R-33 for PRR 0-6-0 pr. .35
ECCENTRIC CRANK, R-34, for either model pr. .30
REVERSE SHAFT LEVERS, R-35, for 0-6-0 pr. .45

BOX CARS .15 ea.	GONDOLA CARS .15 ea.	HOPPER CARS .15 ea.	TANK CARS .10 ea.
rb1s NYC-40' steel	rg1s L&N 41 ft. 50T	rh1s CCC&St.L. 55T	rt1s Texaco-TCX
rb2s B&O-40' steel	rg2s NYC 41 ft. 50T	twin hopper	white 8000 gal
rb3s B&O-40' wood	rg3s MC.41 ft. 55T	rh2s MP-55 ton, twin	rt2s NATX (black),
rb4s R.I. 40' wood	rg4s T&P 41 ft. 50T	hopper	8000 gallons
rb5s Wabash 40' W	rg5s PRR-65 ft. 70T	rh3s Southern 55T	rt3s Sinclair SDRX
rb6s South Pac. 40'	mill gondola	twin hopper	(black) 8000
wood	FLAT CARS .10 ea.	rh4s Illinois Central	gallons
rb8s Tex. & Pac. 40'W	rf1s C&NW-46' 50T	50 ton twin	rt4s Gulf - GRGX
rb9s AT & SF 40' W	rf2s PRR 46' 50T		(black -
rb11s Un Pac 50' S	rf3s B&M 46' 55T	CABOOSE .15 ea.	8000 gallons)
rb12s AT & SF 50' S	rf4s L&N 46' 50T	rcls PRR type N-5	
COMPLETE SET OF 28 (\$4.00 SEPARATELY)		A REAL BUY FOR S-GAGERS, ONLY \$2.50	

FREIGHT & PASSENGER CAR PARTS

DALMAN FREIGHT TRUCK SIDES, Die Cast,
3 holes Pr. .15

ANDREWS TRUCK SIDES, 3 holes-exquisitely
detailed. Many use them for freight,
regardless Pr. .20

Pair 33" Brass Wheels on Axles, one side
insulated25

AIR BRAKE CYLINDER, R-97 Die cast for
freight cars12

AJAX BRAKE WHEEL, -No housing die-cast .10

STANDARD BRAKE WHEEL, delicate die-
casting05

ROOF WALKS, wood grooved to represent
three boards. 8" .8¢ 10" . . .10

METAL PRIMER FOR ZINC BASE DIE CASTINGS-
Just paint on with a small brush but
be careful not to coat bearing surfac-
es; when dry it will give castings a
dark gray color and very fine sandpaper-
like surface. Almost any kind of color-
ing will now adhere to this surface
without peeling off. Try it once and
you'll be well pleased. 1/2-oz. bottle
(more than enough for several locos... .20

MONITOR ROOF: Wood, correctly shaped,
supplied in 15" lengths for 80' cars .60

ARCH or air conditioned roof shaped of
15" wood50

AIR CONDITIONING STRIP: To be used on
monitor roof for odd length air ducts.
Cut to length required, glue in place,
then cut and sand top to proper curve.
15" long25

FLOOR: Wood, 3/16" thick, 1-3/4" wide
and 16" long. Made to match with
above roofs.20

ROOF JOISTS: Milled from wood and cut to exact
length to fit between floor and roofs
of all passenger cars20

C-D COUPLERS R-65. Beautifully detailed
die cast dummies of Zamak Alloy, very
strong and ready for rough use. Work
well, manually operated, on any layout.
Made to exactly the 3/16" scale and
well detailed with correct proportions.
Shanks may be cut shorter and drilled
to suit any car. All your rolling
stock should be equipped with these
trouble-free couplers. No. R-65
No. R-65 Couplers Pr. . . .15

PAIR INSULATED 36" PASSENGER WHEELS
R-69. On axles, one side insulated.
Also used as loco lead and trailing
truck wheels30

CELLULOID FOR WINDOWS: Big enough to
cover entire side of car and gives
strength to thin paper or embossed
sides. .015 thick, 1-3/8" wide and
14-3/4" long

FREIGHT AND PASSENGER CAR AXLES R-72.
Also used for locomotive leading
and trailing wheel axles (when using
for leading wheel axles, trim flush
with face surface of wheel) 1/8" dia.
1-5/16" total length.10

CLEVELAND CEMENT WITH STATISEAL

World's Finest Clear Cellulose Cement
for all model craft and household uses.
Fast drying, flexible, waterproof.
With new exclusive "Jet-Tip" - for hard
to get at places. 1-oz. 19¢; 1-oz. 25¢;
2-oz. 39¢ (25¢ and 39¢ sizes come in
containers with instruction booklet.)

SPECIAL DIE CAST PARTS

For SRL-1 and SRL-3 or Other Locomotives

NOTE: Our main and side rods may be made either left or right hand by a few strokes of a file, cutting off Oil-cup detail.

- SIDE RODS, R-42, For P.R.R. 0-6-0, pr. \$.35
- MAIN RODS, R-43, For P.R.R. 0-6-0, pr. .35
- SIDE RODS, R-40, For C.G.W. 4-6-0, pr. .35
- MAIN RODS, R-41, For C.G.W. 4-6-0, pr. .35
- REVERSE LINK, R-39 LR, either model pr. .35
- CROSSHEADS, R-20 LRM, For either model with piston rod and crosshead link cast integrally. These are milled to fit the 1/16" square crosshead guides. pr. .65
- CROSSHEADS R-20 LRU, unmilled, so must be filed to fit crosshead guides. pr. .30

- LEAD TRUCK, R-54, C.G.W. 4-6-0. (It's solid and heavy) with axle holes65
- MAIN FRAMES, R-61. For P.R.R. 0-6-0 switcher. With axle holes 1.50
- MAIN FRAMES, R-64. Same as above for C.G.W. 4-6-0 1.50
- CYLINDER BLOCK, R-74 P.R.R. 0-6-0 . . . 1.50
- CYLINDER BLOCK, R-75 C.G.W. 4-6-0 . . . 1.50

WOOD PARTS FOR PRACTICAL MODEL MAKING

COMPLETE SET of WOOD TURNINGS ONLY for either 5-0 or 4-6-0; consists of boiler, all domes and stacks, generator, lights, air tanks, etc. . . . Each Set \$.75

- TURNED WOOD LOCO GENERATOR, R-14 . ea. .05
- TURNED WOOD HEADLIGHT, R-10 ea. .05
- TURNED WOOD LOCO AIR PUMP, R-55 . . . ea. .08
- TURNED WOOD SWITCHER AIR TANKS, R-13 pr. .08
- TURNED WOOD SAFETY VALVE DOME, R-6 ea. .08
- TURNED WOOD TENDER AIR BRAKE CYLINDER, R-56 ea. .05

TURNED WOOD BOILER, with stack and two domes for either 0-6-0 or 4-6-0. Per Set of four pieces, only

TENDER BODIES, cut to shape with holes in bottom for lead weights. For either 0-6-0 or 4-6-0 ea. .40

TENDER SIDES, either P.R.R. 0-6-0 or C.G.W. 4-6-0 pr. .20

SET OF EMBOSSED COVERS for boiler front, smoke box, fire box and cab. Either P.R.R. 0-6-0 or C.G.W. 4-6-0. Per Set .35

(Both the above items have all scale rivets embossed in their proper locations as well as all numbers and names. When applied, these sheets will make a real beauty of our locomotive.

(Freight Car Sides continued on reverse side)

FREIGHT CAR PARTS

- UNINSULATED 33" FREIGHT WHEELS, R-66. Die cast with small holes to be mounted directly on axles pr. \$.06
- Same Wheel - but steel pr. SOLD
- INSULATED 33" FREIGHT WHEELS, R-67. Die cast. Also used as locomotive leading wheels 33" dia. Wheels with large holes for insulating bushings. pr. .06
- Same Wheel - but steel pr. .12

FREIGHT CAR SIDES

These cars are printed on fine quality scribed cardboard and varnished. Steel cars have embossed, rivet details. Box cars are lettered completely. (Doors not printed on.) Reefers are lettered and printed in appropriate color schemes with doors printed on. Plain scribed or embossed rivet material for car ends also included.

- | <u>POPULAR BOX CARS</u> | <u>COMPLETE SET EACH</u> |
|--|--------------------------|
| SB1S Southern 40-ton, 40'6" wood sheathed | \$.35 |
| SB2S Ann Arbor 40-ton, 40'6" wood sheathed | .35 |
| SB3S St. Louis SW (Cotton Belt RT) 40'6" wood sheathed, 40-ton. | .35 |
| SB4S Lackawanna (Route of the Phoebe Snow) 50-ton, 40'6" wood sheathed | .35 |
| SB5S B & O 50-ton, 40'6" steel sheathed | .35 |
| SB6S PRR 60-ton, 40'6" steel sheathed | SOLD |

COLORED PRIVATE BRAND REEFERS

- SR11S Crisco (Pullman green with white lettering)35
- SR12S Oscar Mayer (Bright red with white lettering)35
- SR13S Swift Premium Ham (Yellow with black lettering35
- SR14S Hahns (Yellow, black lettering)35
- SR15S Cliquot Club Ginger Ale (White with black lettering.35
- SR16S Gerber's Baby Food (Blue & White)35

Complete set of 12 (\$4.20 separately). A rare buy today. Order several sets at 3.49

PRINTED CAR WRAPPERS (SIDES, ROOF AND ENDS) WITH ALL DETAILS IMPRINTED
 These heavy printed paper car sides are in natural (as tho in service) colors. They are excellent when completed and mounted on any type truck for dummy freight, storage yards, depots, etc. May also be used for inexpensive operating cars. For any one car each 15¢. (Accurately shaped balsa block bodies will be offered if the demand appears great enough.)

6. BEAUTIFUL CLEAR SHEETS OF SLICED CUT BASSWOOD

Very pliable Veneer sheets approximately 8" or more wide (beautiful stock but always has a very slight belly). Beautiful wood suited for building structures and scenery. There are not many left and cannot be replaced when sold out! 1/16" .50¢; 3/32" .60¢; 1/8" .70¢; 1/4" .80¢; 3/8" .90¢; 1/2" 1.00¢; 5/8" 1.10¢; 3/4" 1.20¢; 7/8" 1.30¢; 1" 1.40¢; 1 1/8" 1.50¢; 1 1/4" 1.60¢; 1 1/2" 1.70¢; 1 3/4" 1.80¢; 2" 1.90¢; 2 1/4" 2.00¢; 2 1/2" 2.10¢; 2 3/4" 2.20¢; 3" 2.30¢; 3 1/4" 2.40¢; 3 1/2" 2.50¢; 3 3/4" 2.60¢; 4" 2.70¢; 4 1/4" 2.80¢; 4 1/2" 2.90¢; 4 3/4" 3.00¢; 5" 3.10¢; 5 1/4" 3.20¢; 5 1/2" 3.30¢; 5 3/4" 3.40¢; 6" 3.50¢; 6 1/4" 3.60¢; 6 1/2" 3.70¢; 6 3/4" 3.80¢; 7" 3.90¢; 7 1/4" 4.00¢; 7 1/2" 4.10¢; 7 3/4" 4.20¢; 8" 4.30¢; 8 1/4" 4.40¢; 8 1/2" 4.50¢; 8 3/4" 4.60¢; 9" 4.70¢; 9 1/4" 4.80¢; 9 1/2" 4.90¢; 9 3/4" 5.00¢.

MODELBUILDING QUALITY WHITE BIRCH DOWELS

Sanded smooth. Endless uses. Always Keep A Few Handy. 1/16 x 6" .12/10¢ (72 dz. \$4.50); 1/8 x 15" .3/10¢; 3/16 x 15" .4/10¢; 1/4 x 15" .3/10¢; 3/8 x 15" .2/12¢; 1/2 x 15" .ea. 10¢

HOW TO ORDER

PRINT CLEARLY, name, address, city and state on all orders to avoid mistakes and delays. Always keep a record of date orders mailed in to us.

MINIMUM ORDER, \$3.50

TERMS: Cash-with-order. Foreign coins or stamps not accpcted. Send cash, postal or Express Money Orders or checks. No stamps accepted.

PACKING AND POSTAGE CHARGES: Due to greatly increased costs, be sure to add 10% to all orders, minimum 35¢. Over payments promptly credited.

ALL OTHER FOREIGN CUSTOMERS LOCATED OUTSIDE U.S.A.: including Canada and Mexico, add 20% to orders for additional postage required, handling, etc.

OHIO SALES TAX: Ohio residents only, add 3% tax.

SPECIAL DELIVERY: In U.S.A. only, add 45¢ extra per order in addition to 10% packing and postage charges.

SEND ALL ORDERS AND REMITTANCES TO: _____

CLEVELAND MODEL & SUPPLY CO.

(WO. 1-3600)

4506 Lorain Avenue

Cleveland 2, Ohio

LAST MINUTE FINDS BEFORE CATALOG CLOSING

To offer you all we could conveniently supply, we include the following articles just located at the last moment. We might also mention that we shall always conform to National Model Railroad Association Standards in all our future productions.

PLANS AND WRAPPERS FOR AUTHENTIC MILWAUKEE STREAMLINER "HIAWATHA"

Dummy Authentic Loco and Tender Plan (as described under Pennsy 0-6-0 below) .. 40¢

Hiawatha Cars: Tap Diner; Coach; Beaver Tail Car Plans ea. 30¢

Complete Set of Plans and Wrappers for 4-unit Hiawatha (Save 55¢) . . . \$1.75

DUMMY PENNSY 0-6-0 SWITCHER PLAN: So authentic it could be used to make an accurate operating model from it. Can be made from pine or balsa and card stock. Turned wood parts still available. Plan Only ... 40¢

PLANS FOR STANDARDIZED FREIGHT CARS:

Box Cars or Reefers; Flat Cars; Gondolas; Hoppers, Tank Cars and Pennsy Caboose 20¢ ea.

124 S-GAGE RR SIGNS AND MARKERS: Printed pcs. to cut out and mount 19 types of crossing and other signs and post material supplied. Assembly drawing included...Kit 50¢

DUMMY TYPE WOOD S-GAGE PARTS: Smoke Stack for 0-6-0 or 4-6-0..8¢ ea. Reverse Cylinder.. 8¢

All diameters of wheels are tire (not flange) diameters. All wheels below are of accurately turned white birch.

HIAWATHA DISC TYPE-1/8 hole, 1-5/16" dia. (scale 84") pr. 15¢

C&O PACIFIC TYPE-1/8 hole, 1-9/64" dia. (scale 73") tire and hub separated, no spokes supplied pr. 15¢

PENN. SWITCHER TYPE-1/8 hole, 7/8" dia. (scale 56") tire and hub separated, no spokes supplied pr. 15¢

S-GAGE RAIL SPECIAL

For a limited time only in minimum orders of 198 feet .. \$5.95. By mail, packing and postage \$1.00 extra (or 50¢ extra for each additional 99 feet ordered @ \$2.98).

"HO" & "C-D" GAUGE RAILROADS

"SKYLINE" BUILDINGS

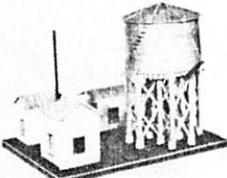
Authentic right-of-way structures (taken directly from railroad plans) kits are easily assembled and contain walls and roofs of strong, non-warping Tensilite, all parts decorated and cut to size, bricks and siding printed to scale and many other features. Designed for HO scale but can also be adapted to "OO".



INTERLOCKING TOWER
No. SM650...Each \$.50



PASSENGER STATION
No. SM652...Each \$.75



WATER TOWER GROUP
No. SM654...Each \$.75



FREIGHT STATION
No. SM653...Each \$.75



ENGINE HOUSE No. SM654...Each \$1.50

Ideal "HO" BUILDINGS



Church
No. KR5150¢



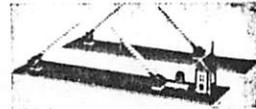
Combination Station
No. KR5250¢



Factory
No. KR5350¢



Coal Station
No. KR54.....50¢



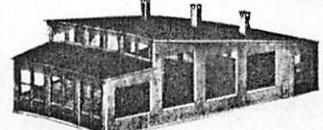
Crossing Shanty and Gates
No. KR125¢



Dutch Colonial
No. KR225¢



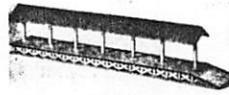
Brick House
No. KR3.....25¢



Round House
No. KR100\$1.00



Oil Storage Depot
No. KR4...25¢



Freight Station
No. KR525¢



Suburban Station
No. KR6.....25¢



Water Tank
No. KR725¢



Interlocking Tower
No. KR825¢



Flag Stop Station
No. KR925¢



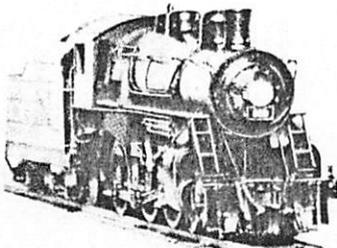
HO BUILDING PAPER

Used in constructing model buildings, layouts, etc. Printed on heavy colored cover stock. Designs are architecturally correct to scale. Sheets are 6 x 8 inches in size.

- WV160 Concrete Blocks (with corners)
- WV161 Ashler Stone Blocks (coursed)
- WV162 Common Brick (Yellow)
- WV163 Rubble Stone (Gray)
- WV164 Ashler Stone (random coursed)
- WV165 Ashler Stone (Alternate coursed)
- WV166 Clapboards (Gray)
- WV167 Common Brick (Red)
- WV168 Doors and Windows (White)
- WV169 Flagstones (Gray)
- WV170 Brick corners & details (Yellow)
- WV171 Brick Corners & details (Red)
- WV172 Slate Shingles (Gray)
- WV173 Wood Shingles (Green)

Any of the above sheetsEach \$.02
Complete assortment (14 sheets)Set .25
With instruction sheet.....Set .25

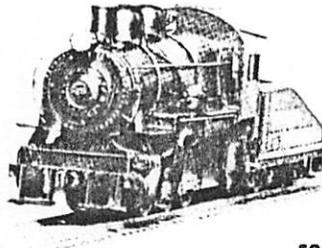
"C-D" OPERATING LOCOMOTIVES



Kit SRL-3 \$9.75

4-6-0 IO WHEELER

The above C.D.W. Locomotive and P.R.R. Switcher are constructed from kits containing the following materials. The main rods, frames, drive wheels, cylinder block, side rods, and cross head are of die cast metal. The drive wheel axles are of steel and the valve gear parts are completely punched to shape. Special 30-1 or 36-1 worm and gear supplied with set screws for power transmission. The boiler, from front to fire box, is turned of clear gear supplied with correct drillings to fit stack and dome. Fire Box and cab are made of special plywood and the tender wood with correct drillings to fit stack and dome. Tender trucks have die cast side frames and steel, insulated axles are a solid block of wood, band sawed to shape. Tender trucks have die cast side frames and steel, insulated axles are a solid block of wood, band sawed to shape. Tender trucks have die cast side frames and steel, insulated axles are a solid block of wood, band sawed to shape. Kit also includes various other detailed parts in wood and metal together with necessary rivets, screws, washers, etc., and plans with instruction sheet. The No. SRL-3 (0-6-0) locomotive and tender measure 13-5/16" overall, and the No. SRL-1 (0-6-0) switcher is 12-3/8" overall. Both are made for two rail operation. Prices do not include motors. Select motors from stock listed on page 54.



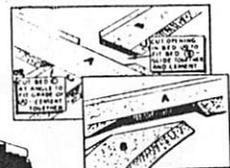
Kit SRL-1 \$8.75

0-6-0 SWITCHER

"C-D" TRACK MATERIAL

- BRASS RAIL - .115 High. Designed for 3/16" Scale R.R.
- No. CR103 ft. \$.07
99 ft. 2.25
- TINNED RAIL - Same design/shape as brass rail.
- No. CR153 ft. \$.09
99 ft. 2.75
- No. KR505 Rail Connectors Dr. \$-10
Per 100 .75
- No. CR20 Spikes, Pkg. 1000 \$.25
- No. CR25 Track Gauge...Each \$.20
- ES - Stained, 3/64 x 1/8 x 1-1/2"
- CR30Pkg. 500 \$.30
- No. CR32 18" Long for use under switches B for \$.06

- ROADBED - 1/4" Pressed board, tapered both sides.
- No. CR363 ft. length \$.15
- No. CR403 ft. length for curves \$.20
- No. CR45 For crossovers, 24" long, double width \$.40
- No. CR50 For switches or crossovers..... \$.15
- No. CR60 Transparent Ball-joint Glue... Pint \$.40
- No. CR70 Fine Crushed Ball-joint last.....\$9 Pkg. \$.60
- TRACK LAYOUT - Shows full size pattern of crossovers, switches, etc.
- No. CR80Per Sheet \$.25



FREIGHT CAR PARTS

- No. CR05 CouplersPt. \$.10
- No. CR07 Air Brake Cyl. Ea. \$.08
- No. CR05-05 Air Brake Wheel & Housing Set \$.10
- No. CR110 Std. Brake Wheel Ea. \$.02
- No. CR115 Brass Ladder...Pt. \$.15

TRUCK KITS

- No. CR150 Balman 4 Wheel Kit.....Pt. \$.65
- No. CR155 Andrews 4 Wheel Kit.....Pt. \$.65

"C-D" OPERATING FREIGHT CARS

These kits are complete 3/16" scale operating De Luxe freight car kits. They are intended for actual operation and kit parts include pine flooring and strips, printed covering, die cast two rail operating trucks, couplers, air brake cylinders, brake wheels and detail parts, cement and touch up colors. While these kits are similar in size and appearance to the "Rep" freight cars they are complete in detail, with all necessary operating hardware, and improved sturdier construction.

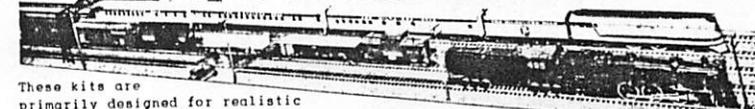


\$1.25 EACH



- | | | | |
|------------------------------|---|--------------------------|------------------------------|
| BOX CAR KITS | OP-12 AT&SF 50 ft. Steel CABOOSE | HOPPER CARS | OO-3 MC 41 ft. 60 Ton |
| OB-1 NYC 40 ft. Steel | OO-1 PRR Type N-5 | OH-1 CCC&St.L. Twin Hop. | OO-4 T&P 41 ft. 80 Ton |
| OB-2 BAO 40 ft. Steel | FLAT CARS | OH-2 Missouri Pacific | OO-5 PRR 55 ft. 70 Ton |
| OB-3 BAO 40 ft. Wood | OP-1 CANW 46 ft. 60 Ton | OH-3 Gouthett, Twin Hop. | TANK CARS |
| OB-4 Rock Island 40 ft. Wood | OP-2 PRR 48 ft. 60 Ton | OH-4 Illcent, Twin Hop. | OT-1 Texaco |
| OB-5 Babash 40 ft. Wood | OP-3 B&M 46 ft. 65 Ton | GONDOLA TYPE CARS | OT-2 NATI |
| OB-6 South. Pac. 40 ft. Wood | OP-4 LAN 46 ft. 60 Ton | OO-1 LAN 41 ft. 60 Ton | OT-3 Sinclair |
| OB-8 Texas & Pac. | OP-11 Un. Pac. 50 ft. Steel | OO-2 NYC 41 ft. 60 Ton | OT-4 Gulf |
| OB-9 AT&SF 40 ft. Wood | | | |

"C-D" REPRESENTATIVE KITS



These kits are primarily designed for realistic dummy yard equipment in 3/16" scale. They are made of all wood parts, printed paper coverings, wood wheels and truck sides, all wire, pins, band paper and necessary parts to make a detailed scale model. The locomotive models carry a great amount of detail, and will make excellent shelf models.

- | | | | |
|---|-------------------------------|----------------------------------|---------------------------------|
| Locomotive and Passenger Car Kits Each 50c | Box Car Kits Each 10c | Flat Car Kits Each 10c | Tank Car Kits Each 10c |
| RL-1 PRR Switcher 0-6-0 and Tender | RB-1 NYC 40 ft. Steel | RF-1 CANW 46 ft. 60 Ton | RT-1 Texaco |
| RL-2 BAO Pacific 4-6-2 Locomotive & Tender | RB-2 BAO 40 ft. Steel | RF-2 PRR 48 ft. 60 Ton | RT-2 NATI |
| RL-3 Hiawatha 4-4-2 Locomotive & Tender | RB-3 BAO 40 ft. Wood | RF-3 B&M 46 ft. 65 Ton | RT-3 Gulf |
| RL-4 Hiawatha Tap Diner | RB-4 Rock Island 40 ft. Wood | RF-4 LAN 46 ft. 60 Ton | Hopper Car Kits Each 10c |
| RL-5 Hiawatha Coach | RB-5 Babash 40 ft. Wood | | RH-1 CCC&St.L. 55 Ton |
| RL-6 Hiawatha Beaver Tail | RB-6 South. Pac. 40 ft. Wood | Gondola Car Kits Each 10c | RH-2 Missouri Pacific |
| | RB-8 Texas & Pac. 40 ft. Wood | RG-1 LAN 41 ft. 60 Ton | RH-3 Southern, 55 Ton Twin |
| | RB-9 AT&SF 40 ft. Wood | RG-2 NYC 41 ft. 60 Ton | RH-4 Illcent, 60 Ton Twin |
| | RB-11 Union Pac. 50 ft. Steel | RG-3 MC 41 ft. 65 Ton | Caboose Kit Only 10c |
| | RB-12 AT&SF 50 ft. Steel | RG-4 PRR 55 ft. 70 Ton | RC-1 PRR Type N-5 |

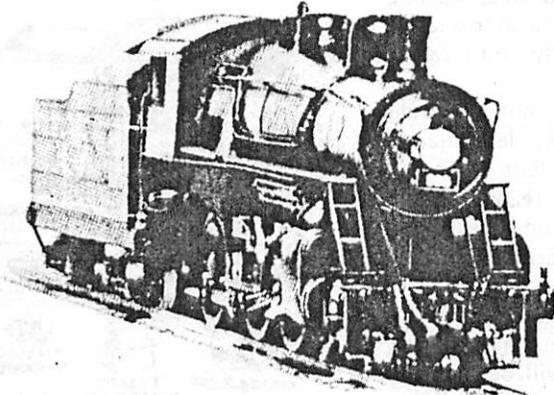
STANDARDS FOR C-D GAGE		MINIMUM RADIUS CURVE		CENTER OF COUPLERS FROM RAIL	
TRACK GAGE	3/16"	MINIMUM SWITCH	10'	THIRD RAIL CENTER OUT FROM GAGE	1/16"
SCALE	3/16" = 1'	MINIMUM TURNOUT	15'	THIRD RAIL ABOVE RUNNING RAIL	1/32"
MAXIMUM FLANGE THICKNESS	1/16"	BACK TO BACK OF FLANGES	1/16"		
MAXIMUM FLANGE DEPTH	1/16"				

THIS IS A REPRODUCTION AD FROM CD'S OLD CATALOG; ITEMS LISTED ARE NOT SOLD ANYMORE

3/16" SCALE MODEL RAILROAD SUPPLIES

START YOUR RAILROAD WITH AUTHENTIC LOCOS.

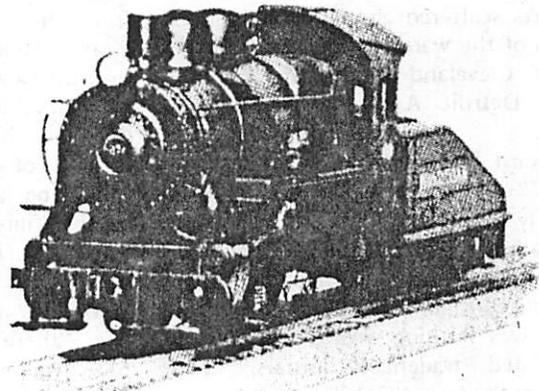
C. G. W. 4-6-0 MIXED TRAFFIC
LOCOMOTIVE (13 5/16" O. A.)



**Chicago Great Western 4-6-0
(10 Wheeler) Kit SRL-3**

This authentic kit complete as described below without motor or gears, only **\$18.00**

P. R. R. 0-6-0 SWITCHING
LOCOMOTIVE (12 3/8" O. A.)



**Pennsylvania Railroad 0-6-0
Switcher Kit SRL-1**

This authentic kit complete as described below without motor or gears, only **\$16.00**

Materials Employed in All C-D Super Locomotive Kits are the Finest Obtainable

For instance, in the die cast parts, we employ the finest, strongest die cast metal made—stronger than cast iron, unbelievable strength which would surprise the average person for thin sections, supplied untrimmed—trim with knife or small file. The hard wood turnings supplied are of a precision variety, in the very

finest grade of white birch, and are not to be confused with the low priced amateur put-together train kit. The paper thin plywood, especially manufactured for us, employed for cabs, fire boxes, etc., is absolutely waterproof being glued together with a phenolic glue. The embossed sheets used for covering

tenders, boiler front and other portions of the locomotive have the name of the road authentically embossed, and all rivet effects well raised and formed giving a VERY realistic effect. But let the following detailed description inform you of the superiority of C-D Kits over all others.

Here's What C-D "Super" Locomotive Kits Consist Of

1. MAIN FRAMES: Die cast. Axle and gear holes drilled and reamed.
2. DRIVE WHEELS and TIRES: Beautiful Die Castings with fibre insulator strip between them so any weight of counterbalance supplied (3 or 4 per wheel) may be put on any wheel desired as these are cast separately—a C-D feature.
3. DRIVE WHEEL AXLES: Steel, shouldered and quartered (no mistake can be made in mounting wheels).
4. SIDE RODS: Die cast. Nicely detailed.
5. MAIN RODS: Die cast. Channel section.
6. CYLINDER BLOCK: Well detailed, die casting.
7. VALVE GEAR: Parts are completely punched to shape and small rivets supplied for simple assembly of a real working model valve gear (link is die cast).
8. CROSS HEAD: Die cast with piston rod integral.
9. LEAD TRUCKS: On 4-6-0 only, die cast.
10. DETAILS: Headlights, smoke stacks, domes, reverse gear cylinders, reverse air tanks, generators, etc., are precision turned wood parts. Piping, etc. of brass rod glued on.
11. COUPLERS: Die cast, solid operating.
12. MOTOR MOUNT: Stamped of brass, adjustable in all directions—sturdy.
13. BOILER: From front to fire box turned of clear hard wood with holes drilled in top to fit stack and domes which are also turned of hard wood well detailed where possible. Easy to sand to correct fillet shapes. Special embossed coverings with scale rivet heads supplied for fronts, smoke and fire boxes.
14. FIRE BOX and CAB: Made of special .020" thick 3 ply wood. This comes printed out* and requires only cutting out with ordinary scissors and knife. This is a feature all model builders will like because it is easily glued together and not soldered. You've "most all" asked for more solderless methods and lowered prices so here they are. You do not have to even solder if you don't want to.
15. BELL: Turned brass realistically left natural color.
16. HAND RAIL POSTS: Turned Brass.
17. HAND RAILS and PIPING: Brass rod supplied for these.
18. TENDER: Is a solid block of pine bandsawed to shape (this weight is needed when running train in reverse) requiring only a little sanding to finish. We supply a special detailed covering for the tenders with scale rivets embossed to make a fine looking tender.
19. TENDER TRUCKS: Have die cast side frames, punched brass bolster, shouldered axles, turned fibre insulating bushings and wheels. Only a short time is needed for assembling. Are fully equalized Andrews.
20. INSTRUCTIONS: We supply a large full size minutely detailed CD quality printed drawing with very explicit instructions on all phases of construction.
21. AND TO COMPLETE THE KIT: Absolutely all screws, nuts, bolts, rivets, washers, pipes, detail brass rods (three sizes) strips, etc., etc., also metal primer, cement and black—absolutely everything except the simple tools required.

*When we use the term—"Printed out," we mean the full size patterns are actually printed on the wood eliminating any layout work, just start cutting when you open the kit.

★ ★ ★ MANUFACTURED BY CLEVELAND MODEL AND SUPPLY CO. CLEVELAND 2, OHIO U.S.A. ★ ★ ★

PLAN YOUR "S" GAGE RAILROAD NOW!

Here's a line up for grabs

Once sold a Ten Wheeler for \$18

All S gauge modelers who want to own their own S gauge line, gather close. There's one for sale.

"What I have in stock here runs from just a few of some items to many hundreds, even tens of thousands of many of the parts scattered about in one general section of the warehouse," says Ed Packard of Cleveland Model and Supply, 10307 Detroit Ave., Cleveland, Ohio 44102.

Packard is one of the "founders and fathers" of S gauge, called C-D gauge in the early days when he and his associates made a big push to introduce S gauge to the world. "I reckoned that since it was the gauge that I founded," he says, "there was nothing wrong in giving our abbreviated trademark initials." Thus was born the term "C-D."

SPENT MONEY

"During the period between 1935 to 1938, we spent money developing S gauge like drunken sailors, having from five to seven people work on it on the inside, and three men in an outside organization help us to develop the various projects," he says.

That was way back when. Today, the line is for sale. "I am sure it is the most comprehensive line of S gauge equipment in the world," Packard says. Cleveland started the gauge years ago, hoping to convert airplane builders to the model railroad field, the reason for so many of the wood part and kits, including locomotive superstructures and tenders.

"Were it not for my getting involved in producing aircraft plans, I would have been in S gauge for quite a few years now," Packard says, a man who hasn't sold any of his S gauge line in years.

WHAT THEY SOLD

The 1941 catalog (which sold for 5¢), lists an S gauge Chicago Great Western 4-6-0 Ten Wheeler kit for \$18, (but includes metal parts and hardwood turnings, Pennsy 0-6-0 switcher kit for \$16; dozens of small locomotive parts such as drive wheels, replacement tires, axles, side and main rods, crossheads, hand rails, piping and couplers; freight and passenger car parts such as roofs, floors, ends, windows, wheels, axles, pine wood bodies for boxes, reefers, hoppers, gons and tank cars; and right-of-way supplies

such as spikes, rail, ties, rail connectors and a track gauge.

"For the first time commercially, this new scale and gauge known by our own trade name—being our size exclusively—has been worked out, starting from the ground up with an exclusive 2-rail system (no unsightly third rail)," read the catalog copy.

Today, claims Packard, no one could duplicate his line for any less than a quarter of a million dollars. "And it should be no problem to readily sell all of this finished material on hand to retrieve the initial investment required," he says.

Besides all the parts that go with the line, "there is a great quantity of not-too-cheap wood which will be included for the making of all types of articles which could easily be stripped down to the widths required," he says.

COME TO VISIT

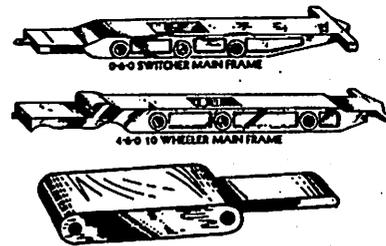
Packard believes the only way to get a feel for what he has is to come and see it. "I can give no inventory figures because of the extremely limited space I have, requiring a visit here."

"Especially with Gilbert (Lionel and or Continental Flyer) soon to be in the picture again, this is a golden opportunity now for whomever takes the line," says Packard.

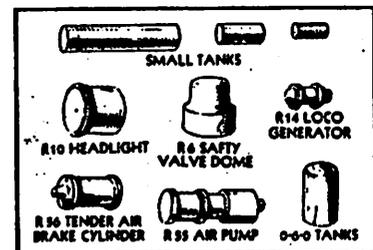
And now the big question: how much is Packard asking for all these wood and metal parts?

You'll have to ask him, but he is looking for someone who can afford his line—and maybe more important—someone who can find a way to make his 1930's and 40's parts and materials work in an age of brass, plastic and super-detailing.

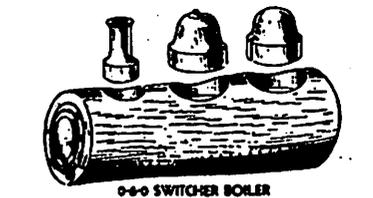
The partial list of CD S gauge items at right shows locomotive parts, all wood, which are all for sale as a lot. CD steam locomotives were of hardwood and metal zamak. Paper-thin plywood was used for cabs, fireboxes and other sections. Embossed sheets were used to cover tenders, boiler front and other portions of the locomotive. Sectional locomotive kits were also available which let you build a section of locomotive at a time.



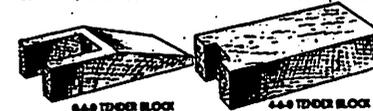
LEAD TRUCK CASTING
 TURNED WOOD LOCO GENERATOR, R-14, 8 for10
 TURNED WOOD HEADLIGHT, R-10, 3 for10
 TURNED WOOD LOCO AIR PUMP R-55—
 Three For10
 TURNED WOOD SWITCHER AIR TANKS R-18
 Two For10



TURNED WOOD SAFETY VALVE DOME—
 Each04
 TURNED WOOD TENDER ASR BRAKE CYLINDER, R-56, 3 for10
 TURNED WOOD BOILER with Stack and Two Domes or either 0-6-0 or 4-6-0. Per set of four pieces, only40



COMPLETE SET of WOOD TURNINGS ONLY for 0-6-0 or 4-6-0; consists of boiler, all domes and stacks, generator, lights, air tanks, etc. Each65
 TENDER BODY cut to shape of wood for 0-6-0 or 4-6-0, each20



PAIR OF TENDER SIDES for either P. R. R. 0-6-0 or C. G. W. 4-6-0, per pair6
 SET OF EMBOSSED COVERS for boiler front, smoke box, fire box and cab for either P. R. R. 0-6-0 or C. G. W. 4-6-0, per set for either one4
 Both the above items have all scale rivets embossed in their proper location as well as all numbers and names. These sheets, when applied, will make a real beauty of your loco.