

our order line 732-441-0555 from 9:30 to 4:30 M-F. Fax orders can be received 24 hours a day at 732-441-0751. Our newsletter, *The SHS Update* is available on request. Product and our color catalog can be ordered online at:

www.showcaseline.com

OTHER PRODUCTS

We have PS-2 covered hoppers (both 2 and 3 bay), USRA single & double sheathed boxcars, 40' stock cars, 40' steel rebuilt boxcars, 48' bulkhead flat cars, 35' trailer on flats 53' 6" GSC flatcars, 40' wooden reefers, 70 ton ore cars, and ICC extended vision cabooses.

For motive power we offer 2-8-0 steam engines, NW2s, SW9s & SW1 diesel switchers, phase II F3 A & B, and F7 Ph I A & B units.

Our S gauge track system includes 3 radius of curved track (20", 25" and 30"), both 10" and 15" straights, insulated rail joiners (both yellow and weathered), American Flyer® track adaptors, #3 switches, bumpers, uncouplers and flex track. We are in the design phase for a #4 switch, a 90° & 30° crossing as well as a signal system.



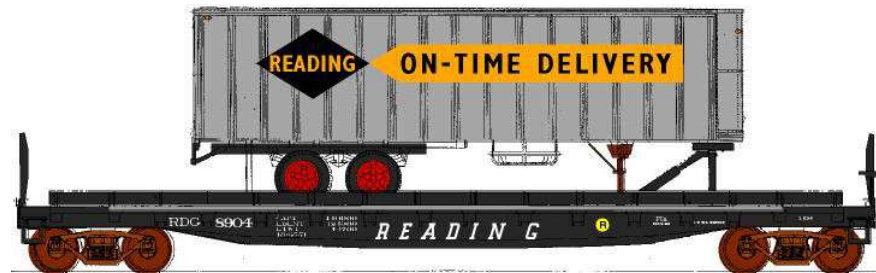
S-Helper Service
77 Cliffwood Ave., Cliffwood, NJ 07721 732-441-0555

rev. 21 AUG 07

The Showcase Line®

*Quality S-scale model trains
from S-Helper Service, Inc.*

53'6" Trailer on Flat Cars (TOFC)



Thank you for purchasing our trailer on flat car (TOFC). Your car comes complete with four code 110 wheelsets. These are used for operating on track smaller than code 125 (0.125" high) or with open frog turnouts built to the NASG scale standards. Also included are 2 truck bolster spacers for making your flatcar the correct height to use with the KD 802 couplers (not included).

ABOUT THE PROTOTYPE

Our flat car is modeled after the Union Pacific 53' 6", 70 ton, F-70-1 class by General Steel Casting Co. The bodies were developed in the 30's when GSC was making cast steel frames for steam locomotives and tenders. The PRR ordered a modification of these as the 50' F-30 flatcar. By the 40's, the standard length of flat increased to 53' 6". The trailer hitch is the ACF type A. These became the standard in the 50's.

INSTALLING CODE 110 WHEELSETS

While working over a tray (soda flats are good) with the flat car upside down, carefully unscrew the kingpin and remove the trucks and hirail coupler. Gently cant the truck



sideframes and remove one hirail wheelset. Replace this with a code 110 wheelset. Repeat with the other hirail wheelset. Check to make sure that any springs that become un-seated are put back into position. While holding the truck bolster spacer on to the truck bolster (when on the car, the pins on the spacer point toward the ties), re-attach the truck to the car with the kingpin. Repeat with the other truck.

INSTALLING KD 802 COUPLERS (not included)

The coupler pad has 4 holes cored for the mounting of a KD 802 coupler. With the code 110 wheels parts packaged are 6 metric machine screws to be used with the KD 802 couplers. Do not **over-tighten** as these can break. Do not use the **Kadee 0-48 screws** that come with the couplers. These are made for wood or plastic coupler mounts.

ADDITIONAL PARTS

The trucks and couplers used on our freight cars are available separately from your Hobby Shop or directly from S

Helper Service. Specify code 110 or hirail (AF compatible) wheels on trucks.

ITEMS

American Flyer® comp. caboose couplers, \$2.95 per pair.
 American Flyer® comp. freight couplers, \$2.95 per pair.
 KD 802 couplers (2 pair), \$6.35
 01295 KD style coupler assembled, \$6.25 per 2 pair.
 Barber S-2 70 ton roller bearing caboose trk, \$10.95 per
 Barber S-2 70 ton roller bearing truck, \$6.95 per pair.
 Andrews 50 ton coil spring tender truck, \$10.95 per pair.
 AAR 70 ton friction bearing, \$6.95 per pair.
 Andrews 50 ton trucks, \$6.95 per pair.
 AAR type "Y" (PRR 2D-F8) \$6.95 per pair.
 33" Wheelsets, insulated, (scale or hirail) \$3.95/4.
 33" Wheelsets, insulated, AF comp. \$3.95/4.

ORDERING INFORMATION

All Showcase Line products are available to Hobby Shops. If your local Hobby Shop doesn't stock our products, you can order directly from S Helper Service, Inc. Mastercard, Visa, Discover and AMEX are accepted. Contact us on