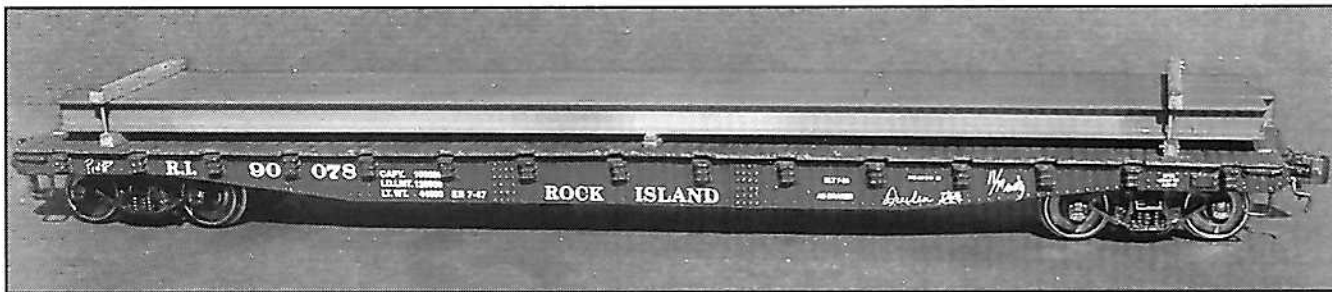


45.7-45.9



# CRI&P 50' Spliced and B&M, PM 40' Flatcars



The utilitarian flatcar served many purposes: hauling farm and construction equipment, telephone poles, industrial shapes, lumber, pipes and numerous other chores. The AAR standard recommended practice of the late Thirties for 50 and 70 ton, 53'6" IL flats and the construction of War Emergency 53'6" IL flats ushered in the era of a common design. The years prior to standardization, however, saw the construction of flatcars of various lengths: 41'6"/42', 45', 46'/47' and 50 foot cars. Whether the designers had specific objectives in mind for each length is unclear, but the railroads produced a wide variety of cars.

The B&M 33501-33796 series and PM 16000-16099 followed the USRA 42' flat car design. The B&M cars arrived in 1923 with pressed stakepockets and the typical drop shaft hand brake. They were painted freight car red. The PM cars arrived in 1930 with cast stake pockets and were all black. The PM cars had KD brakes and a Ureco drop shaft hand brake. Both roads used the rotary cut lever. The B&M cars rode on four spring package cast side frame trucks of 55 ton capacity, while the PM cars had 50 ton Dalman one level trucks.

The Rock Island received 43' flats from ACF in 1923-24 which were reasonable facsimiles of the USRA design. Beginning in 1937 and through 1940, the RI rebuilt these cars into 53'6" modern flats. The initial batch of 250 cars was shopped at Blue Island. A 10'6" section was added to the

center of the fishbelly side sills and centersill. The new section was secured with two massive rivet plates for each sill, visible on the outside of the side sills. The floor was widened to 10' 4", extending beyond the stakepockets. The Dalman two level trucks with their 50 ton capacity were retained. An Ureco non-powered drop mast brake wheel was used along with the AB brakes. They were placed in the 90000-90249 series. The last 50 cars at 45900 lbs were approximately 1500 lbs heavier than the first 200. The cars and trucks were boxcar red with white lettering. In 1940-41 another batch of 250 cars, the 90250-90499 series, were also converted from 43' flatcars using the same construction techniques and with the same visual results.

The Rock Island also converted 46' flats into 53'6" cars in 1941-42 using a 7'6" splice, the 90500-90798 series.

The Sunshine kits are vacuum cast in gray urethane. Kits include all detailing parts (except trucks and couplers) and proprietary decals. Full instructions and a Prototype Data Sheet are included.

The correct ARA cast side frame trucks are available separately. Appropriate chalkmark and reweigh/repack decals are also available separately. Numerous loads that are common to flatcars, including a new lumber load of nominal 8" x 8" rough cut lumber, are available.

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- \_\_\_ Kit #45.7 Boston & Maine 42' flatcar in 33501-33796 series, 12 pressed stake pockets, white decals (1923-60s), \$30
- \_\_\_ Kit #45.8 Pere Marquette 42' flatcar in 16000-16099 series, 12 cast stake pockets, white decals (1930-60s), \$30
- \_\_\_ Kit #45.9 Rock Island spliced 53'6" flatcar (created from 43' cars) in 90000-249 series, 15 stake pockets, white decals (1937-60s), \$32
- \_\_\_ F.2 Lumber Load for 40'-45' cars, eight stacks of 1 x 8 lumber w/tie-down lumber and simulated metal strapping, \$10
- \_\_\_ F.4 Overseas Crates (6) with destination decals for Yokohama, Hoboken, Amtorg (Soviet Purchasing Agency), Hamburg, \$20
- \_\_\_ F.6 Six crated power carts w/ Waukesha (WI) \_\_\_, Ready Power (Detroit), \_\_\_ or Chicago Pneumatic \_\_\_decals (specify), \$20
- \_\_\_ F.9 Crawler Load, two crated crawlers with additional crate and "Do Not Hump", city of origin and alphabet decals, \$15
- \_\_\_ F.10 Nominal 48' Telephone Pole Load, side and top cluster with individual end pieces, simulated wire and posts, \$20
- \_\_\_ F.11 Nominal 42' Utility Pole Load, side and top clusters with individual end pieces, simulated wire and posts, \$20
- \_\_\_ F.13 Pressure Tank Load, in five segments with end domes, chocks and simulated wire, \$20
- \_\_\_ F.14 Load of nominal 8" x 8" rough cut lumber, three sections with bracing lumber for 42' to 52' flatcars, \$20 new
- \_\_\_ E.32 Fresh White Chalkmarks, \$4
- \_\_\_ E.7 Midwestern Chalkmarks II, \$4
- \_\_\_ E.8 Northeastern Chalkmarks, \$4
- \_\_\_ Trucks TP 40 Black plastic cast side frame, non-sprung trucks with non-magnetic metal wheelsets, \$5

Name \_\_\_\_\_ Street \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Add \$4.00 for shipping per five kits in U.S. ( MO residents add 6.675% ), Canada \$15.88 for six kits

**Sunshine Models Box 4997 Springfield MO 65808-4997**

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