

The Most Significant Santa Fe Freight Car Classes In 1950

Table Originally Generated by Richard Hendrickson, Published in Warbonnet Q2-2000

N-Scale model availability contributed by George Hollwedel

Update of Model Availability June 2016

Class(es)	Description	Date (Re)Built	No. in Service	HO Scale Models	N Scale Models
Box					
Bx-3/6	40' composite, sectional wood-sheathed, steel	1923-25	2,000	W, PR(b)	
Bx-11-13	40' ARA composite, single-sheathed, steel roof/ends/doors	1929-31	2,200	W	
Bx11/12	40' ARA composite, single-sheathed, rebuilt with extended roof	1942-44	3,200	W	
Bx-26	40' 1932 AAR, steel-sheathed, Duryea underframe	1936	500	SM	
Bx-27	40' 1937 AAR, steel-sheathed, Duryea underframe	1937	2,000	IM(m), RC(m)(disc.)	IM
Bx-34	40' 1941 AAR, steel-sheathed, Duryea underframe	1940	1,800		
Bx-35	(ex Fe-U) 50' composite, single-sheathed, steel roofs/ends/doors, double doors	1930	500		
Bx-28/31-33/36	(ex Bx-2) 40' rebuilt with steel bodies, USRA u/f	1938-42	2,600	S(disc.)	AT(m)
Bx37/43	40' 1941 AAR, steel-sheathed, steel roof/ends/doors	1941/44	5,300	IM, S(disc.)	IM, MT
Bx-38	40' AAR war emergency, composite body	1944	300	IM, S(disc.)	IM
Bx-39	50' AAR war emergency, composite body	1944	400	S(disc.)	
Bx-40	(ex Fe-R) 50' steel-sheathed, steel roof/ends/doors	1942	500	S(disc.)	
Bx-41/42/45/46	(ex Bx-8/9/10) 40' steel sheathed, ARA underframe	1945-47	1,950	IM(kb), S(disc.)	
Bx-44	40' postwar AAR, steel-sheathed, improved ends/doors	1945	500	SM(disc), BL(m)	PNS
Bx-49	(ex Bx-9/10) 40' steel-sheathed, ARA u/f, improved ends	1947	900	S(disc.)	
Bx-48/50/51/53	40' postwar ARA, 12-panel sides, improved ends/doors	1946-50	4,750	YMW	IM, PNS
Bx-52/57	40' PS-1 welded steel box car	1947-50	750	IM(m)(1), KD	AT, PNS
Bx-56/59	(ex Fe-P) 50' composite, sectional-sheathed, single	1950	500	S(disc.)	
Automobile & Furniture					
Fe-5/12/15/19	(ex Fe-L/N/O) 40' steel-sheathed, steel roof/ends/doors	1936-39	1,000	S(disc.)	
Fe-6-11/13/14/ 16/18/20	(ex Fe-K/M) 50' steel-sheathed, steel roof/ends/doors	1936-40	1,300	S(disc.), P2K(kb)(disc.)	
Fe-21-23	(ex Fe-S) steel-sheathed, steel roofs/ends/doors, end doors	1940	450	P2K(kb)(disc.)	
Fe-24	50' 1942 AAR steel double doors, (200 pass. equipped)	1942	500	S(disc.), P2K(m)(2)	IM, PNS
Fe-25	(ex Fe-R) 50' steel-sheathed, steel roof/ends/doors	1942	500	S(disc.)	
Fe-26	40' 1941 AAR steel-sheathed, double doors	1945	500	S(disc.)	MT(m)
Fe-27	50' postwar AAR steel-sheathed, improved ends/doors	1948	500	BL	
Flat					
Ft-G	40' fishbelly side sills	1905-06	150	S, A(kb)(disc)	RD
FT-I/J	44' inset fishbelly side sills	1910-13	350	S(disc.)	
Ft-L/N	53' rebuilt inset fishbelly side sills & end bulkheads (wallboard)	1915-25	450	S(disc.)	
Ft-M	44' fishbelly side sills	1924	475	S, A(kb)	RD
Ft-O/P	50' inset fishbelly side sills	1929-30	350	S(disc.)	
Ft-T/U	60' fishbelly side sills	1940-41	200		
Ft-V	53' 70T AAR war emergency fishbelly side sills	1944	200	IM, PW(disc.), S(disc.)	IM, PNS

Class(es)	Description	Date (Re)Built	No. in Service	HO Scale Models	N Scale Models
Gondola					
Ballast Hopper					
Ga-15/16/18/27	Rodgers-Hart and Enterprise steel	1927-30	400		
Ga-50/56/59/64/74	44' 70T Hart convertible steel hopper	1940-49	1,200	AT(m)(3), WR(b)	
General Service					
Ga-R/X/2/4/5/7/9-12	40' composite body Caswell drop doors	1906-27	5,000	IM, W	FNS
Ga-17/22/25	40' composite body Wine drop doors	1928-30	1,200	S(disc.)	
Ga-20/26	50' composite body Wine drop doors, drop ends	1929-30	450	S(disc.)	
Mill					
Ga-6/8	48' rebuilt 50T steel corrugated sides, fishbelly u/f, drop ends	1921-24	500	S(disc.)	
Ga-46	53' cast steel u/f, panel sides, drop doors and ends	1937	300		
Ga-49/53	48' 70T steel body, fishbelly underframe/drop ends	1940-41	600	S(disc.)	
Ga-47/48/55/70/76	65' 70T steel, fishbelly underframe & sides, drop ends	1937-49	525	A(4), E(m)	A
Ga-61/63	52' 70T war emergency, composite, drop ends	1943-44	400	FC, T(m)(5), S(disc.)	MT PNS
Ga-68/69/80	52' 70T steel body, fishbelly u/f & sides, drop ends	1948-49	1,500	S(disc.)	PNS(m)
Suphur Hopper					
Ga-13/19	49' composite body, cast steel u/f & body frame	1927-29	300	PR(b)	
Ga-21/24/43	70T all steel tripple & quad hopper	1929,36	150		
Ga-54	50T all steel hopper	1941	200	I, AT(m)	AT, MT
Ga-60/62	50T war emergency composite hopper	1943-44	400	A(m)(disc), P2K(disc)	MT
Ga-66/73/77	70T all steel AAR tripple hopper	1948-49	900	AC, BW	BS, MT
Covered Hopper					
Ga-45/52/58/65/67/75	70T AC&F two-bay covered hopper	1936-50	900	IM, K, BW, PR(b)	K, DX, PR(b)
Air Dump					
Ga-36-42	Western, Clark and Magor 20 and 30 yard	1910-28	400	WR(b), CW(b)	
Tie					
Ga-Z	Santa Fe designed steel framed tie cars	1916	400		
Ice					
le-14	36' rebuilt (from Bx-14) wood-sheathed, fishbelly sideframes	1946	300	W(m)	
Refrigerator					
Rr-5/9-11	40' ARA composite body, steel underframe	1926-30	2,250	S(disc.)	
Rr-10/17/22/26/30/31/37/42	50' composite and all-steel, Duryea underframe	1931-47	450	S(disc.), O(b)	FNS, A
Rr-19/23/25/27/28/32	40' rebuilt, steel-sheathed body, USRA underframe	1936-41	3,800	C(m), IM	IM
Rr-21/29	40' Steel-sheathed body, Duryea underframe	1937/40	800	S(disc.)	
Rr-33-36/39/40/43/45-48	40' rebuilt, steel-sheathed body, USRA underframe	1941-47	6,000	C(m), S	
Rr-44	40' steel-sheathed body, AAR underframe	1946	350	S(disc.)	
Rr-47	40' steel-sheathed body, AAR underframe	1949	250	S(disc.)	
Rr-49	40' rebuilt, steel-sheathed body, ARA underframe	1950	500	S(disc.)	

Class(es)	Description	Date (Re)Built	No. in Service	HO Scale Models	N Scale Models
Stock					
Sk-H/K/L/N/P	40' single deck, Caswell drop bottom, many rebuilt	1906-17	1,200	W	
Sk-M/O	40' double deck, composite body	1916/23	975	W	
Sk/Q/S	40' double deck, composite body, Pennsylvania Car Co.	1928-30	500	IM(m)(6), S(disc.), PR(b)	IM(m), PR(b)
Sk-R/T/U	40' single deck, composite body, Pennsylvania Car Co.	1928-30	1300	IM(m)(6), S(disc.), PR(b)	IM(m), PR(b)
Sk-2/3	(ex Bx-3/6) 40' rebuilt single deck, composite body	1942/47	1,850	W	
Sk-Z/4	(ex Fe-P) 40' rebuilt double deck, composite body	1941/50	400	S(disc.)	
Tank					
Tk-C-F	9,500 gal., AC&F fishbelly underframe	1901-04	500		
Tk-G-J	10,500 gal., AC&F fishbelly underframe	1906-14	1,800	PR(b)	
Tk-K	12,000 gal., PSC	1915	500	DP(b), PR(b)	PR(b)
Tk-L	16,000 gal., cast aluminum underframe & tank bottom	1930	100	DP(b)	MT(m), PNS(m)
Tk-M	16,000 gal., GATC	1942	200	DP(b), PR(b)	PR(b)
Tk-N	16,000 gal., GATC, welded tank	1949	250	DP(b), PR(b)	PR(b)

References:

- (1) McKeown Warbonnet Q1-2006
- (2) Hendrickson Warbonnet Q2-1996
- (3) Hendrickson Warbonnet Q1-2004
- (4) Hendrickson Warbonnet Q1/2-2006
- (5) Hendrickson Warbonnet Q1-2002
- (6) Hendrickson Warbonnet Q1/2-2005

Car Descriptions:

AAR - Association of American Railroads
AC&F - American Car & Foundry
ARA - American Railway Association
GATC - General American Transport Corporation
pass. equipped - equipped for passenger train service
PSC - Pressed Steel Car Co.
u/f - underframe

Model Availability

(m) needs modification
(kb) kitbash
(disc.) discontinued - no longer available from manufacturer
(b) brass model
Brass models are typically one-time limited runs which may only be available second-hand once sold out.
Discontinued injection molded plastic models are in many cases offered new or second-hand by dealers or in internet auctions.
Discontinued resin car kits are normally very rare and difficult to find

Model Manufacturers:

Injection molded plastic:

A Athearn
AC Accurail
AT Atlas
BL Branchline
BS Bluford Shops
BW Bowser
C C&BT Shops
DX Deluxe Innovations
E Eastern Car Works
IM InterMountain
K Kato
KD Kadee
MT Micro-Trains
PNS Prototype N Scale
P2K Proto2000 (now Walthers)
RC Red Caboose
T Tichy

Resin Kits:

FC Funaro&Camerlengo
FNS Fine N Scale
PW ProtoWest
S Sunshine Models
SM Speedwitch Media
W Westerfield Models LLC
YMW Yarmouth Model Works

Brass:

CW The Car Works
DP Division Point
O Overland
PR Pecos River Brass
WR W&R Enterprises

This list is for reference only

Corrections, suggestions and additions are most welcome. Please contact me by email: peteraue(at)yahoo.de