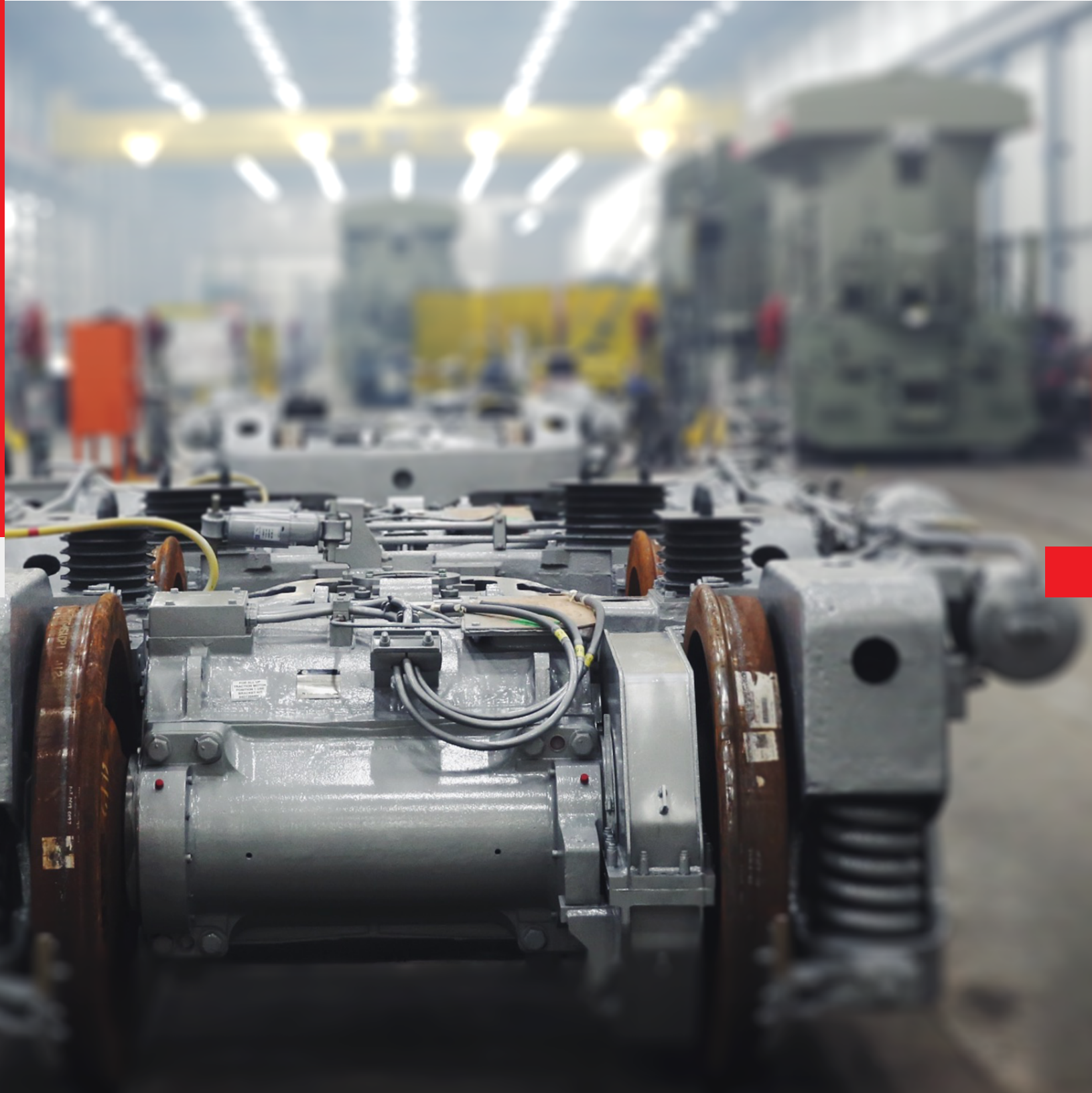




# EQUIPMENT SPECIFICATIONS

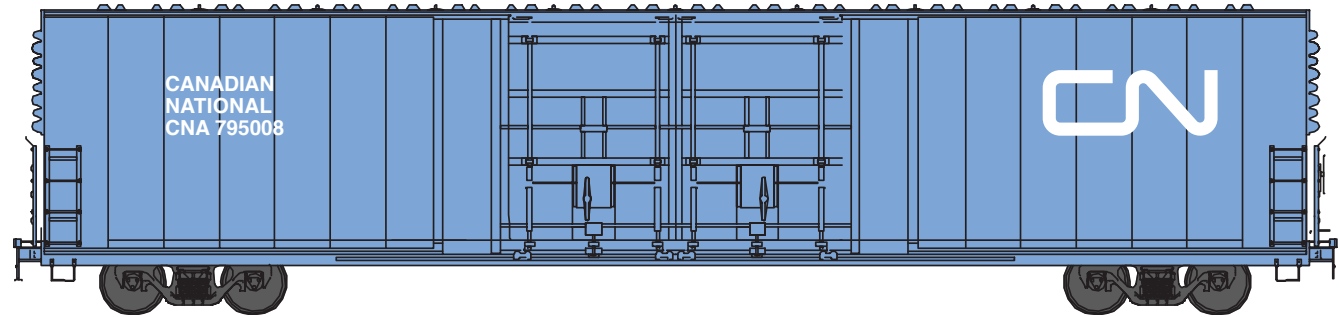
[cn.ca/equipment](http://cn.ca/equipment)



# AUTOMOTIVE

## Vehicle Parts

These cars are specially designed and equipped to carry vehicle parts. The largest, with a capacity of over 10,000 cubic feet, have doors opening to 20 feet for convenient loading and unloading.



## AUTO PARTS BOXCAR

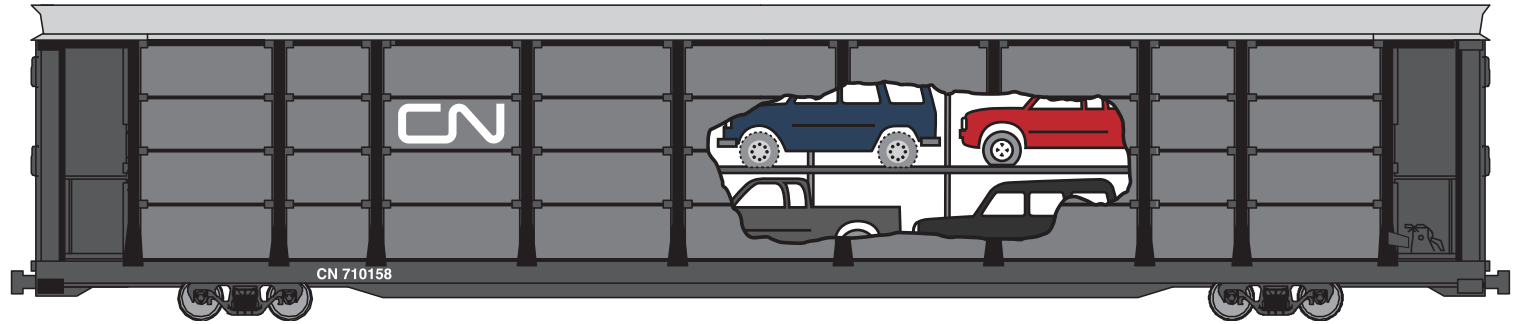
Car Description	Car Series	Load		Capacity		Door Size		Inside Dimensions		
		Tons	Tonnes	Cu. Ft.	m <sup>3</sup>	Width	Height	Length	Width	Height
Auto Parts Boxcar (60 ft.)	DTI 25900-25935	77-84	7,100	201	201	16' 0"	12' 8"	60' 9"	9' 2"	12' 9"
	GTW 125017-125304	76-84	6,000	170	170	16' 0"	10' 8" - 10' 9"	59' 7" - 60' 8"	9' 2"	11' 2"
	GTW 306839-306916	62-64	6,222-6,347	176-180	176-180	10' 0"	10' 11" - 11' 3"	60' 8" - 60' 9"	9' 2" - 9' 4"	11' 2" - 11' 4"
	GTW 375550-376005	78-84	6,347-6,650	180-188	180-188	16' 0"	11' 0"	59' 7" - 60' 9"	9' 1" - 9' 2"	11' 6" - 11' 7"
	GTW 384000-384699	16-83	7,373-7,596	209-215	209-215	10' 0" - 16' 0"	12' 4" - 12' 9"	60' 9"	9' 1" - 9' 2"	12' 10" - 13' 2"
	CNA 799309-799729	62-81	6,200-6,636	176-188	176-188	10' 0" - 16' 1"	10' 11" - 11' 3"	60' 8" - 60' 9"	9' 2" - 9' 4"	11' 5" - 11' 7"
Auto Parts Boxcar (86 ft.)	DTI 26017-26897	48-68	10,000	283	283	20' 0"	12' 9"	86' 6"	9' 2"	12' 9"
	GTW 105702-105773	48-69	10,000	283	283	20' 0"	12' 9"	86' 6"	9' 2"	12' 9"
	GTW 126000-127134	46-71	10,000	283	283	20' 0"	12' 9"	84' 2" - 86' 6"	9' 2"	12' 9"
	GTW 305700-306573	49-72	10,000	283	283	20' 0"	12' 9"	84' 2" - 86' 6"	9' 2"	12' 9"
	GTW 378001-378250	37-45	10,000	283	283	20' 0"	12' 9"	86' 6"	9' 2"	12' 9"
	IC/ICG 680004-680137	68-70	10,000-10,151	283-287	283-287	20' 0"	12' 9"	86' 6"	9' 2"	12' 9"
	CNA 795000-795403	44-72	10,000-10,600	283-300	283-300	20' 0"	12' 9"	86' 6"	9' 2"	12' 3" - 12' 9"



# AUTOMOTIVE

## Finished Vehicles

The workhorse of the industry, these enclosed double-deck auto carriers are used to transport vans and trucks as well as cars to CN's network of auto compounds. Full enclosures and side screening protect vehicles against damage in transit.



## BI-LEVEL AUTO CARRIER

AUTOMOTIVE / FINISHED VEHICLES / BI-LEVEL AUTO CARRIER

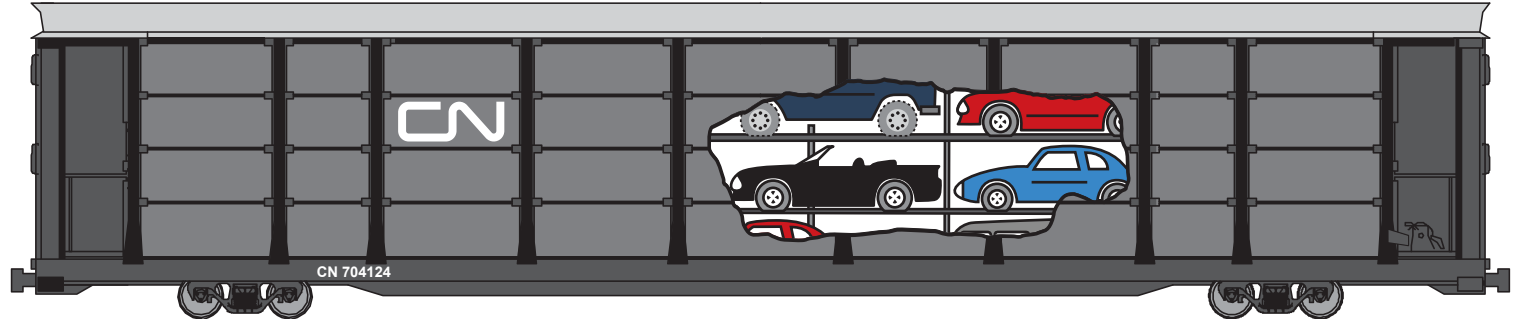
Car Description	Car Series	Capacity	Inside Dimensions	
			Length	Width
<b>Bi-Level Auto Carrier</b>	GTW 504000-504430	10 vehicles	89' 4"	8' 2" - 8' 4"
These cars are used to transport trucks, vans and large cars while protecting the vehicles from damage.	CN/CNA 710700-712799	10 vehicles	89' 1" - 89' 4"	8' 2" - 8' 4"



# AUTOMOTIVE

## Finished Vehicles

The tri-level car carries 15 cars on average, and can handle additional compact cars on three decks. Protected by an expanded metal enclosure or plastic shielding to prevent damage in transit, cars arrive in showroom condition.



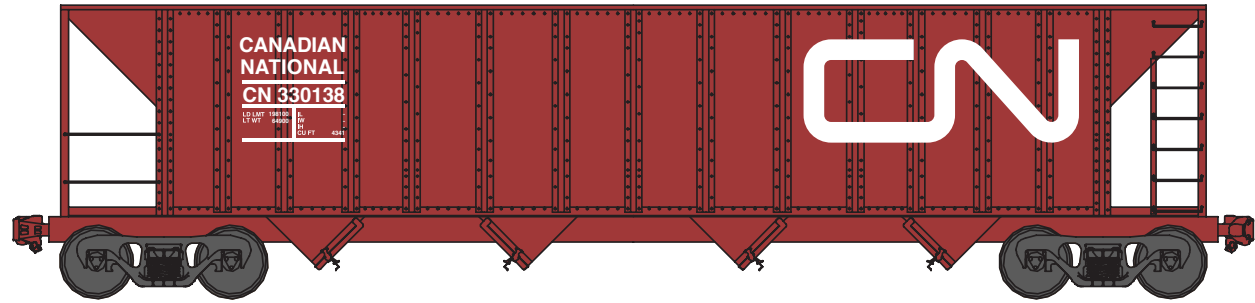
## TRI-LEVEL AUTO CARRIER

Car Description	Car Series	Capacity	Inside Dimensions	
			Length	Width
<b>Tri-Level Auto Carrier</b>  This equipment is used to transport automobiles. Tie-down systems vary accordingly to the manufacturer's specifications.	GTW 310000-311021 CN/CNA 703001-704675	15 to 18 vehicles 15 to 18 vehicles	89' 4" 89' 4"	8' 2" - 8' 4" 8' 2" - 8' 4"

# COAL

## Coal / Petroleum Coke

Open hopper cars offer a fast, economical way to load and unload bulk freight. Cars provide plenty of space for loading coal and petroleum coke.



- 46' 0" TRUCK CENTERS
- 55' 0" END SILLS
- 56' 4-1/2" STRIKERS
- 59' 0" COUPLERS

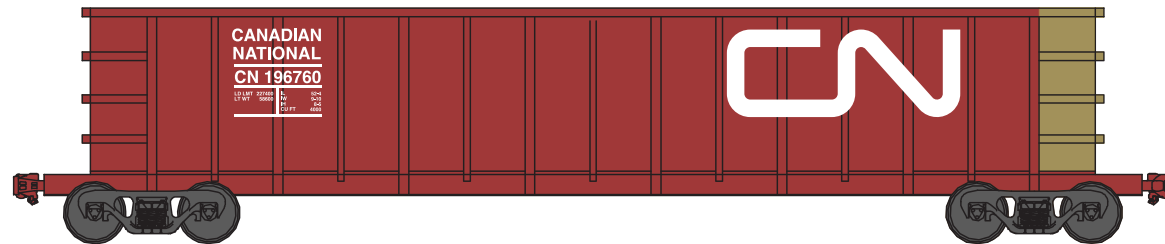
## OPEN HOPPER

Car Description	Car Series	Load		Capacity		Outside Dimensions		
		Tons	Tonnes	Cu. Ft.	m <sup>3</sup>	Length	Width	Height
<b>Open Hopper</b>  Open hoppers are used in the transport of coal and petroleum coke. This equipment is particularly economical for the loading and unloading of bulk materials.	CC 40000-40219	101	92	4,000	113	53' 1"	12' 10"	12' 10"
	CN 330003-330249	98-102	89-93	4,341	123	54' 9"	13' 1"	13' 1"
	CNA 330300-330407	99-102	90-93	3,420	97	48' 9"	12' 2"	12' 2"
	CN 346501-346553	99-100	90-91	2,300	65	42' 1"	16' 6"	16' 6"
	CN 347000-347036	99	90	3,600	102	55' 0"	13' 8"	13' 8"
	IC/ICG 365000-365614	99-101	90-92	3,614	102	53' 1"	12' 7"	12' 7"
	IC/ICG 387000-389499	99-101	90-92	3,614	102	53' 1"	12' 7"	12' 7"

## COAL

### Coal / Petroleum Coke

These specialized heavy-duty cars can be loaded and unloaded in minutes without being uncoupled. The capacity of these rotary gondolas ranges from 101 to 116 tons.



40' 6" TRUCK CENTERS  
 47' 11" END SILLS  
 50' 5-1/2" STRIKERS  
 53' 1" COUPLERS

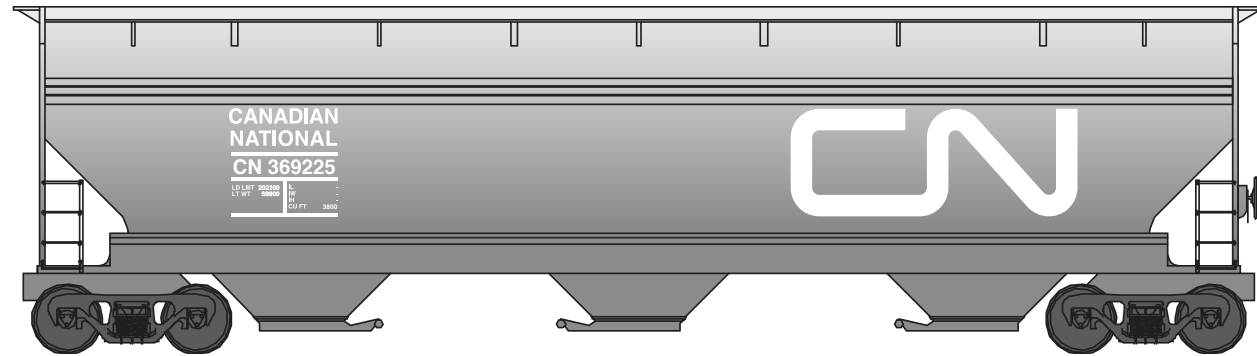
## ROTARY GONDOLA

Car Description	Car Series	Load		Capacity		Inside Dimensions		
		Tons	Tonnes	Cu. Ft.	m <sup>3</sup>	Length	Width	Height
<b>Rotary Gondola</b>  These gondolas are used in assigned service for coal and petroleum coke unit trains. They are equipped with rotary couplers which help facilitate the unloading of a 100-car unit train in 3 hours (or 100 tons every 90 seconds).	CNA 192000-194229	121	110	4,525-4,690	128-133	47' 9"	9' 11" - 10' 5"	11' 7"
	CN 196004-197931	102-115	93-104	4,000	113	52' 4"	9' 10"	8' 5"
	CN 199000-199899	101-115	92-104	4,000	113	51' 3"	8' 9" - 9' 10"	8' 4"
	BCNE 900000-901133	103-116	94-105	4,000	113	51' 3"	8' 9"	8' 5"
	CNHX 197669-197940	103-115	94-104	4,000	113	51' 3"	8' 10"	8' 4"
	CNHX 902000-902214	102-106	94-96	4,400	113	48' 0"	9' 2"	11' 3"

## FERTILIZER & POTASH

### Fertilizer / Potash

CN operates a wide range of low-cube covered hoppers to meet the needs of the industry. These cars combine the benefits of ease of loading and unloading with maximum protection from the elements, to meet the needs of the potash and fertilizer industries.



46' 0" TRUCK CENTERS  
 55' 0" END SILLS  
 56' 4-1/2" STRIKERS  
 59' 0" COUPLERS

### LOW-CUBE COVERED HOPPER

Car Description	Car Series	Load		Capacity		Outside Dimensions	
		Tons	Tonnes	Cu. Ft.	m <sup>3</sup>	Length	Width
<b>Low-Cube Covered Hopper</b> Designed to carry heavier-density product, these covered hoppers have a carrying capacity of 99-114 tons.	CNLX 5001-10933	100-114	91-103	3,800-3,850	108-109	53' 9" - 59'	10' 8"
	CN/CNIS 368000-369997	100-113	91-103	3,800	108	55' 1"	10' 8"
	CN 370005-372117	100-113	91-103	3,800-3,850	108-109	53' 9" - 55' 1"	10' 8"
	CNIS 376000-376299	101	92	4,550	129	59' 0"	10' 8"
	CN/CNIS 377000-379496	99-112	90-102	4,350	123	59' 0"	10' 8"
	CN 382001-382699	99-101	90-92	4,550	129	59' 0"	10' 8"
	GTW 138200-138449	101-102	92-93	4,750	135	60' 0"	10' 8"
	CN/CNA 383000-385999	99-102	90-93	4,650-4,750	132-135	60' 0"	10' 6" - 10' 8"
<b>High-Cube Covered Hopper</b> Designed to carry lighter-density product, these covered hoppers have a carrying capacity of 99-102 tons.	CC 475036-488706	100-102	91-93	4,750	135	60' 0"	10' 8"
	IC 755000-755499	99-100	90-91	4,700	132-135	54' 11"	10' 8"
	CC/IC/ICG 764305-769736	98-102	89-93	4,650-4,750	134-135	59' 0" - 60' 0"	10' 7" - 10' 8"
	CC 800016-800880	101-102	92-93	4,750	135	60' 0"	10' 6" - 10' 8"

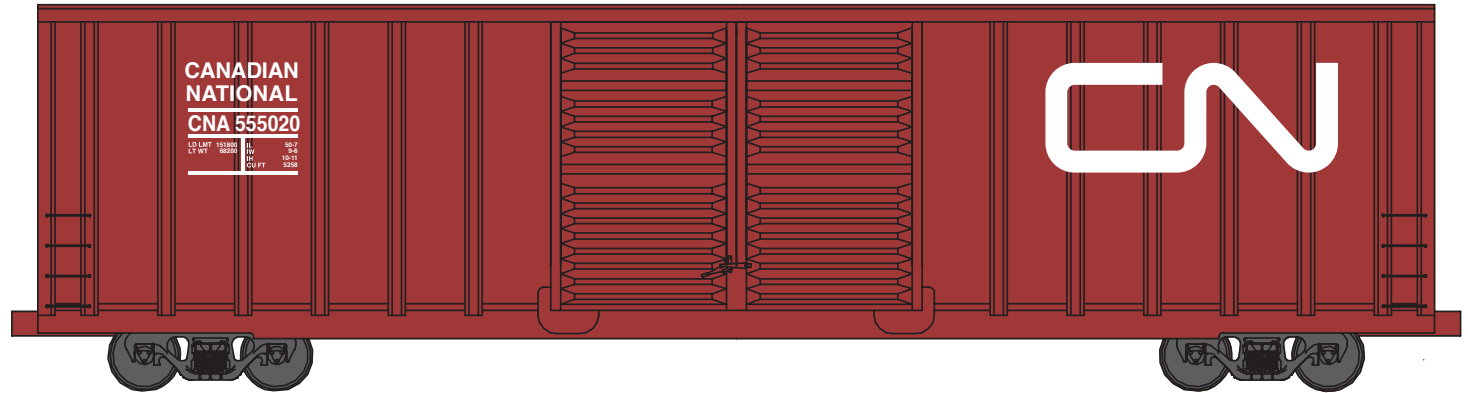




## FOREST PRODUCTS

### Lumber and Panels

CN's fleet of 60-foot double-door premium boxcars are capable of carrying up to 6,600 cubic feet of cargo, with door openings of 16 feet. These boxcars are used in panelboard, wood pulp, wood pellets and lumber service.



46' 3" TRUCK CENTERS  
 60' 10-3/8" END SILLS  
 62' 5-1/2" STRIKERS  
 67' 1-1/2" COUPLERS

### DOUBLE-DOOR BOXCAR

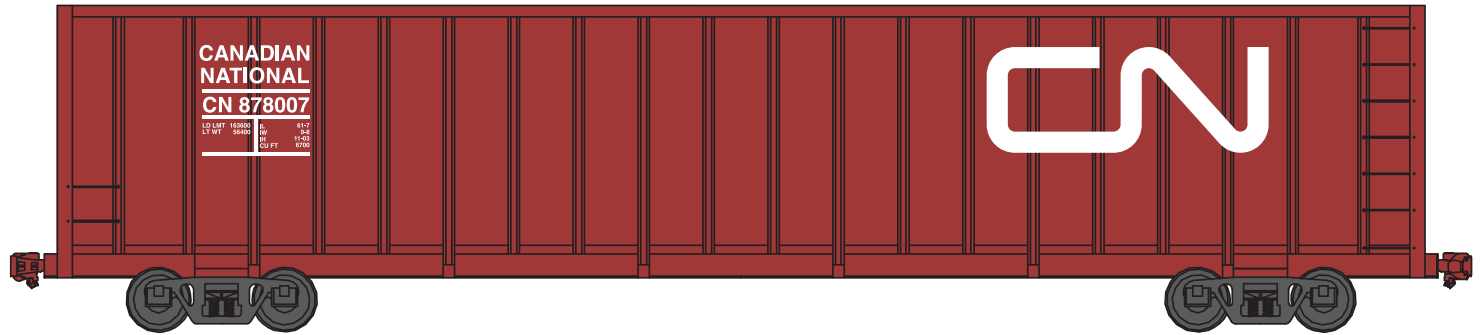
Car Description	Car Series	Plate	Load		Capacity		Door Size		Inside Dimensions		
			Tons	Tonnes	Cu. Ft.	m <sup>3</sup>	Width	Height	Length	Width	Height
Double-Door Boxcar (50 ft.)	GTW 309550-309699	C	77-78	70-71	5,150	146	16' 0"	10' 4"	50' 6"	9' 2"	11' 0"
	CNA 553000-554000	C	77	70	5,277-5,296	149-150	16' 0"	10' 4"	50' 6"	9' 6"	11' 0"
	WLO 554001-554277	C	78	71	5,326	151	16' 0"	10' 4"	50' 7"	9' 6"	11' 1"
	CNA 554300-554399	C	79	72	5,344	151	16' 0"	10' 5"	50' 6"	9' 6"	11' 1"
	CNA 555000-555169	C	76	69	5,073-5,283	144-150	16' 0"	10' 4"	50' 7"	9' 6"	10' 11"
Double-Door Boxcar (52 ft.)	CN 558000-558524	F	107-108	97-98	6,525	185	16' 0"	12' 4"	52' 8"	9' 6"	13' 0"
	CN 557000-557739	C	77-80	70-73	5,304	150	18' 0"	10' 4"	52' 8"	9' 2"	10' 11"
	CNA 557801-557962	C	75-77	68-70	5,461	155	16' 0"	10' 4"	52' 6" - 52' 7"	9' 6"	10' 11"
Double-Door Boxcar (60 ft.)	IC 533100-533299	F	106	96	7,500	212	16' 4"	12' 6"	60' 9"	9' 6"	13' 0"
	CNA 598600-598699	F	88	80	6,475	183	16' 0"	11' 0"	60' 9"	9' 2"	11' 6"
	CN 598000-598299	E	95	86	6,340	180	16' 0"	10' 4"	60' 9"	9' 6"	11' 0"
	IC/ICG 670501-670648	E	83-90	75-82	6,475	183	16' 0"	11' 0"	60' 10"	9' 4"	11' 4"
	CNA 799600-799728	E	89	81	6,636	188	16' 1"	11' 0"	60' 9"	9' 2"	11' 5"



## FOREST PRODUCTS

### Woodchips

Specially designed for the pulp and paper industry, these cars can hold up to 6,800 cubic feet of pulpwood chips. Open-top gondolas without doors, end doors or bottom gates are designed for top loading. Unloading can be performed by top, end or bottom, depending on car design.



43' 11" TRUCK CENTERS  
 53' 0-3/8" END SILLS  
 54' 1" STRIKERS  
 56' 8-1/2" COUPLERS

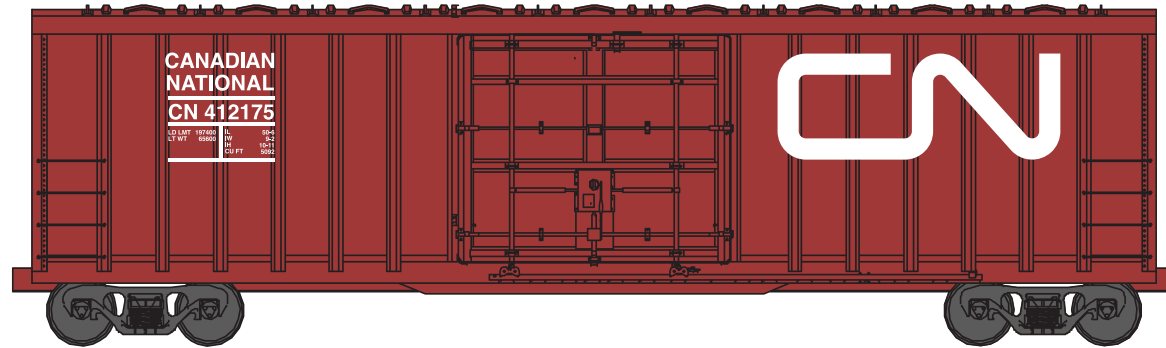
## WOODCHIP GONDOLA

Car Description	Car Series	Door / Gate Type	Load		Capacity		Inside Dimensions		
			Tons	Tonnes	Cu. Ft.	m <sup>3</sup>	Length	Width	Height
Woodchip Gondola	GMO 82554-82798	Bottom Gates	75-78	68-71	5,750	163	59' 9"	10' 8"	15' 0"
	ICG 865169-865298	Bottom Gates	77	70	5,081	144	53' 2"	10' 8"	14' 10"
	GMO/IC/ICG 866052-866409	Bottom Gates	77	70	5,750	163	59' 0"	10' 8"	15' 0"
	ICG 867003-867597	Bottom Gates	77	70	5,791	164	59' 3"	10' 8"	15' 6"
	CN 878003-878298	No Doors	78-83	71-75	6,700	190	61' 7"	9' 8"	11' 3"
	CN 879251-879748	No Doors	76-79	69-72	6,324	179	61' 7"	9' 6"	10' 9"
Woodchip Gondola (end-door)	CN 873600-873673	End Doors	96-98	87-89	6,007	170	59' 6"	9' 5"	10' 8"
	CN 873700-873749	End Doors	97	88	6,810	193	60' 9"	9' 8"	11' 6"
	CN 880006-881654	End Doors	79	72	6,552	186	61' 7"	9' 8"	11' 3"

## FOREST PRODUCTS

### Wood Pulp

These 50-foot 100-ton boxcars are always in demand, and provide numerous advantages for shippers including premium payload capacity and steel floors



46' 3" TRUCK CENTERS  
60' 10-3/8" END SILLS  
62' 5-1/2" STRIKERS  
67' 1-1/2" COUPLERS

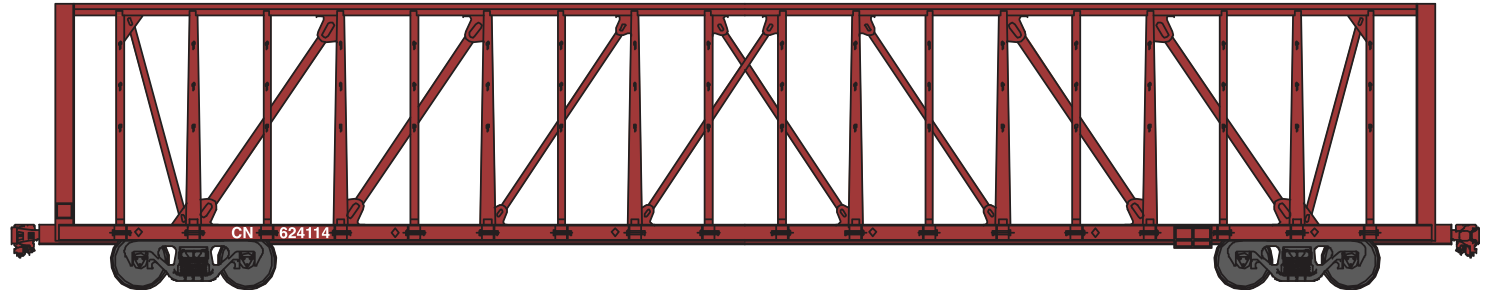
## WOOD PULP BOXCAR

Car Description	Car Series	Plate	Load		Capacity		Door Size		Inside Dimensions		
			Tons	Tonnes	Cu. Ft.	m <sup>3</sup>	Width	Height	Length	Width	Height
<b>100-Ton Boxcar</b>  These 50-ft. boxcars have a carrying capacity of 97 to 103 tons and are equipped with 12-foot plug doors.	CN/CNA 412100-412249	C	97	88	5,092	144	12' 0"	10' 4"	50' 6"	9' 2"	10' 11"
	CN/CNA 412250-412763	C	97-99	88-90	5,092 - 5,290	144-150	12' 0"	10' 2" - 10' 4"	50' 6"	9' 2" - 9' 6"	10' 11" - 11' 0"
	CNA 412766-412929	C	97-99	88-90	5,277	149	12' 0"	10' 5"	50' 6"	9' 6"	11' 0"
	CNIS/CN 413200-413899	C	97-99	88-90	5,277	149	12' 0"	10' 3" - 10' 5"	50' 6"	9' 6"	10' 11" - 11' 0"
	CN 414000-414999	C	97-99	88-90	5,092-5,277	144-149	12' 0"	10' 4"	50' 6"	9' 2" - 9' 6"	10' 11" - 11' 0"
	CN 415650-415799	C		103	94	5,077	144	12' 0"	10' 5"	50' 6"	9' 6"
<b>75-Ton Boxcar</b>  These boxcars are equipped with a 10-ft. sliding door and have carrying capacities of 74-81 tons.	CN 416001-416562	C	74-81	67-71	5,140-5,285	146-150	10' 0"	10' 2" - 10' 3"	50' 5" - 50' 6"	9' 4" - 9' 6"	11' 0" - 11' 1"
	CN/CNA 418001-418650	C	79	72	5,277	149	10' 0"	10' 4"	50' 6"	9' 6"	11' 0"
	IC/ICG/WLO 501000-502964	C	78	71	5,037-5,343	143-151	10' 0"	9' 11" - 10' 4"	50' 6"	9' 6"	10' 6" - 11' 0"
	WLO 505000-505284	C	77-80	70-73	5,277	149	10' 0"	10' 5"	50' 6"	9' 6"	11' 0"
	WLO 528000-528972	C	79	72	5,277	149	10' 0"	10' 4"	50' 6"	9' 6"	11' 0"
	IC/ICG 560001-560998	C	79-80	72-73	5,024	142	10' 0"	9' 11"	50' 8"	9' 4"	10' 7"
	GTW 598202-598385	C	78-81	71-74	5,000	142	10' 0"	9' 11"	50' 7"	9' 5"	10' 7"

## FOREST PRODUCTS

### Lumber and Panels

Specially designed for the lumber industry, the 73-foot centerbeam car combines ease of loading and unloading with maximum safety for the product. Fifty-one-foot and 66-foot centerstake cars are also designed for lumber traffic



60' 0" TRUCK CENTERS  
 74' 8-1/2" END SILLS  
 75' 9" STRIKERS  
 79' 7" COUPLERS

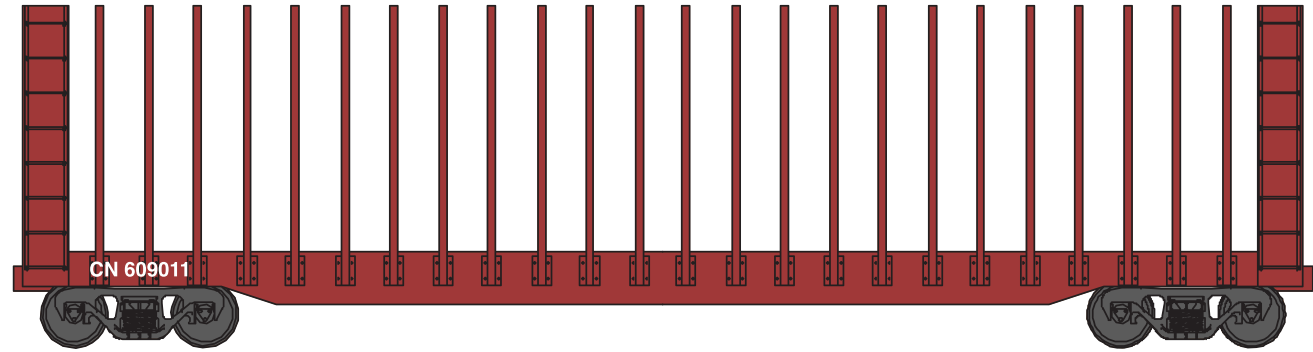
### CENTERBEAM CAR

Car Description	Car Series	Load		Inside Dimensions		
		Tons	Tonnes	Length	Width	Height
<b>Centerbeam Car</b>  These 73-ft. flat cars have a reinforced centerbeam 11 ft. high, dividing the car down the middle. The structure provides hooks at different heights on which wire bracing keeps the load securely fastened to the side of the flat car.	CNA 623000-623099	98	89	73' 0"	9' 10"	15' 6"
	CN/CNIS 623100-623399	101	92	73' 0"	9' 8"	15' 6"
	CN/CNA/GTW/IC	111-112	101-102	73' 0"	9' 8"	15' 6"
	623600-624599	113	103	73' 0"	9' 10"	15' 6"
	CN 625700-625999	112	102	73' 0"	10' 0"	15' 6"
	IC 977600-977849	112-113	102-103	73' 0"	9' 9"	15' 6"
	WC 37650-37999					
<b>Centerstake Car</b>  51-ft. Centerstake cars: these lumber cars are standard bulkhead flat cars which have been modified to include centerstakes for bracing and load security.	CN 601825-601999	93	84	66' 0"	10' 8"	16' 10"
	CN 602000-602711	81	74	51' 6"	10' 8"	14' 9" - 15' 5"
	CN 604000-604999	79-82	72-74	51' 6"	10' 8"	14' 9" - 15' 6"

## FOREST PRODUCTS

### Logs

Used by the forest products industry for transporting logs, these modified bulkhead flat cars are available in a range of sizes suitable for short and long logs. Car capacities vary from 75 to 85 tons.



43' 11" TRUCK CENTERS  
 53' 0-3/8" END SILLS  
 54' 1" STRIKERS  
 56' 8-1/2" COUPLERS

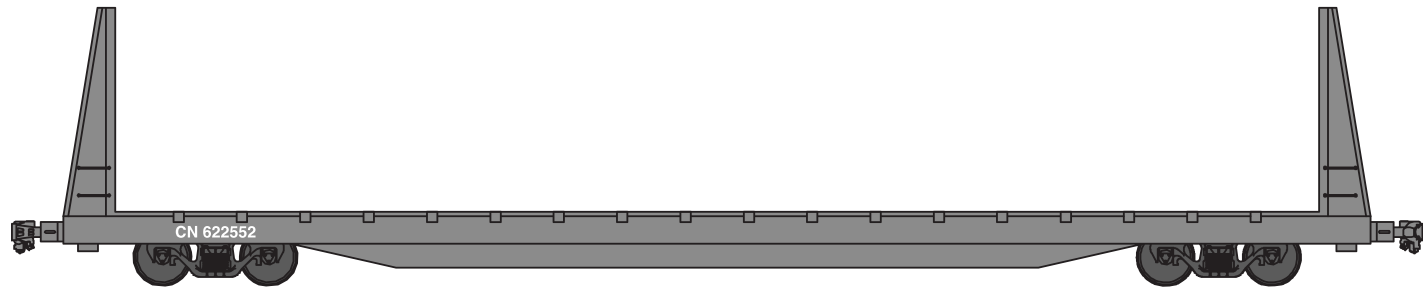
### LOG CAR

Car Description	Car Series	Load		Dimensions		
		Tons	Tonnes	Inside Length	Outside Width	Outside Height
<b>Log Car</b>	CN 615000-615849	79-83	72-75	51' 6"	10' 8"	14' 9"
The car capacities range from 75-85 tons.	IC 821103-822967	81-85	74-77	45' 6" - 50' 0"	9' 3" - 10' 2"	12' 0" - 13' 0"
	IC 830000-830991	75-79	68-72	50' 0"	10' 8"	16' 8"
	IC 832500-832999	78	71	49' 6"	9' 3"	12' 2"

## FOREST PRODUCTS

### Lumber and Panels

Used in the forest products industry for transporting lumber, these bulkhead flat cars are suitable for carrying loads of 80 to 97 tons.



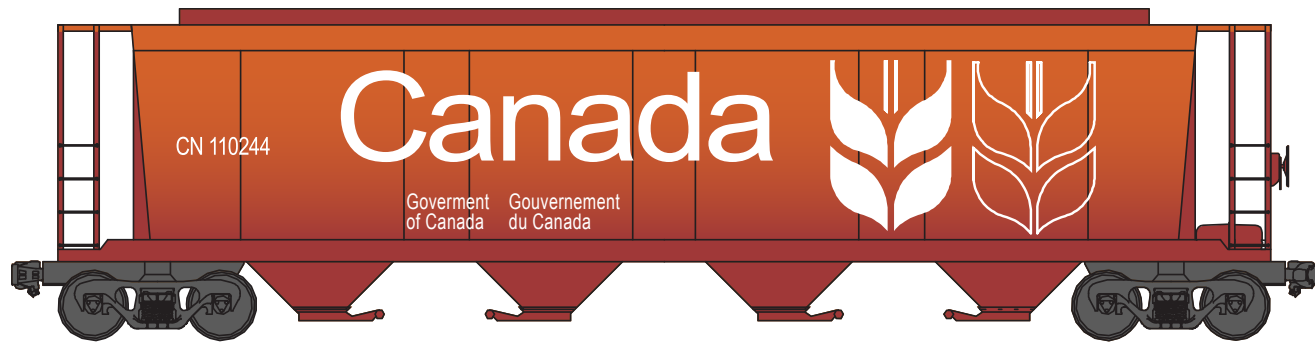
55' 0" TRUCK CENTERS  
 71' 7-1/2" END SILLS  
 73' 0" STRIKERS  
 5' 7-1/2" COUPLERS

### BULKHEAD FLAT CAR

Car Description	Car Series	Load		Dimensions		
		Tons	Tonnes	Inside Length	Outside Width	Outside Height
<b>Bulkhead Flat Car</b>  These bulkhead flat cars are used to transport various forest products such as lumber, chipboard and logs.  The cars' inside lengths range from 52-66 ft. in order to accommodate the shipper's various commodities, and are capable of carrying up to 97 tons.	CNIS 621002-621299	93-94	84-85	66' 8"	10' 1"	15' 2"
	CN 622003-622685	90-95	82-86	66' 8"	10' 1"	15' 2"
	IC/ICG 977505-978493	93-97	84-88	61' 0"	10' 2" - 10' 3"	14' 11" - 15' 1"
	IC/ICG 978650-978999	93	84	66' 0"	9' 11"	14' 10"
	CN 603025-603324	81	74	52' 8"	10' 3"	15' 1"
	CN 603751-603986	81	74	52' 8"	9' 11"	15' 1"
	DWC 605000-605799	80-82	73-74	52' 8"	10' 3"	15' 1"

## GRAIN

These high-cube 100-ton and low-cube 88-ton grain cars contribute to successful Canadian sales abroad. They are of steel or aluminum construction and are supplied by the Canadian, Alberta and Saskatchewan governments.



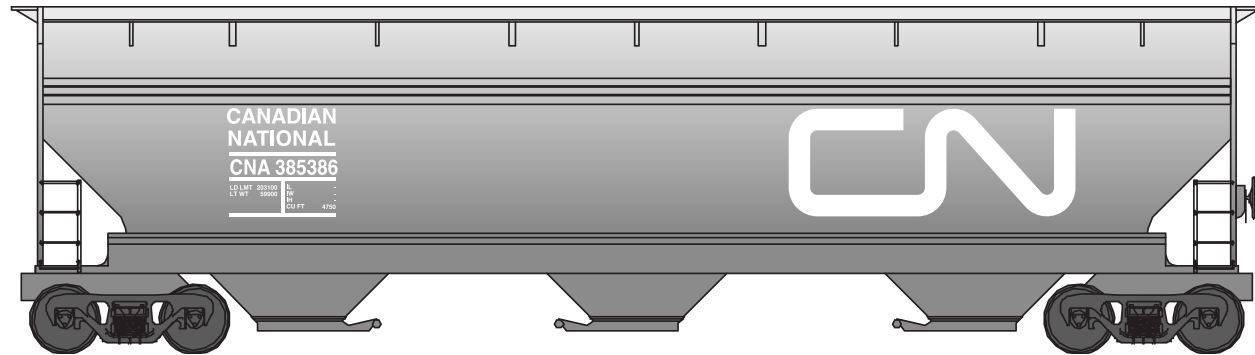
46' 0" TRUCK CENTERS  
55' 0" END SILLS  
56' 4-1/2" STRIKERS  
59' 0" COUPLERS

### GOVERNMENT HOPPER (CANADA)

Car Description	Car Series	Load		Capacity		Outside Dimensions	
		Tons	Tonnes	Cu. Ft.	m <sup>3</sup>	Length	Width
<b>Government Hopper (CANADA)</b>  These are Government of Canada cars, administered by the Grain Transportation Agency (GTA), designated CNWX. These grain cars are supplied and administered by the Canadian Wheat Board, and are designated CNWX. These grain cars are supplied and administered by the Alberta government, designated ALNX.  These grain cars are supplied by the Saskatchewan government and administered by the Saskatchewan Grain Corporation, designated SKNX.	CNWX 100002-112642	100-101	91-92	4,550	129	59' 0"	10' 8"
	CNWX 106001-108999	87-89	79-81	4,100	116	59' 1"	10' 8"
	CNWX 395000-396999	100-101	91-92	4,550	129	59' 0"	10' 8"
	ALNX 396000-396479	100	91	4,550	129	59' 0"	10' 8"
	SKNX 397000-397476	100-101	91-92	4,550	129	59' 0"	10' 8"

## GRAIN

CN operates a wide range of covered hoppers to meet the needs of the industry. These cars combine ease of loading and unloading with maximum protection from the elements



46' 0" TRUCK CENTERS  
 55' 0" END SILLS  
 56' 4-1/2" STRIKERS  
 59' 0" COUPLERS

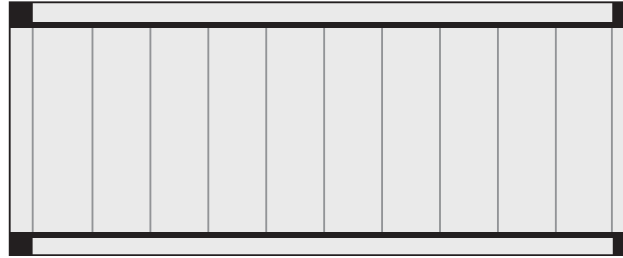
## HIGH-CUBE AND JUMBO COVERED HOPPER (US)

Car Description	Car Series	Load		Capacity		Outside Dimensions	
		Tons	Tonnes	Cu. ft.	m <sup>3</sup>	Length	Width
<b>High-Cube Hopper</b> CN's high-cube hopper fleet offers customers carrying capacities ranging from 99-102 tons.	GTW 138200-138449	101-102	92-93	4,750	135	60' 0"	10' 8"
	CN 382001-382699	99-101	90-92	4,550	129	59' 0"	10' 8"
	CN/CNA 383000-385999	99-102	90-93	4,650-4,750	132-135	60' 0"	10' 6" - 10' 8"
	CC 475036-488706	100-102	91-93	4,750	135	60' 0"	10' 8"
	IC 755000-755499	99-100	90-91	4,700	133	54' 11"	10' 8"
	CC/IC/ICG 764305-769736	98-102	89-93	4,650-4,750	132-135	59' 0" - 60' 0"	10' 7" - 10' 8"
	CC 800016-800880	101-102	92-93	4,750	135	60' 0"	10' 6" - 10' 8"
<b>Jumbo Hopper</b>	CN 388000-389299	112-113	102-103	5,250	149	58' 0"	10' 8"
	IC 798000-799949	111-112	101-102	5,150-5,200	146-147	57' 0" - 60' 0"	10' 7" - 10' 8"



# INTERMODAL

Overseas Equipment  
Used for all types of freight



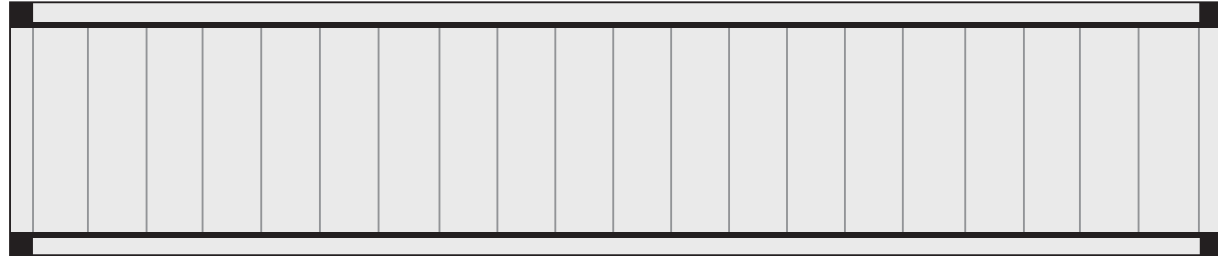
## 20-FOOT CONTAINER

Description	Usable Cube	Interior Dimensions			Door Opening		Palletized Loads
		Length	Width	Height	Width	Height	
20-foot Container	1,169 cu. ft.	19' 4.5"	92.5"	94"	90"	92"	48" X 40" Units 10 48" X 42" Units 10

## INTERMODAL

Overseas Equipment

Used for all types of freight



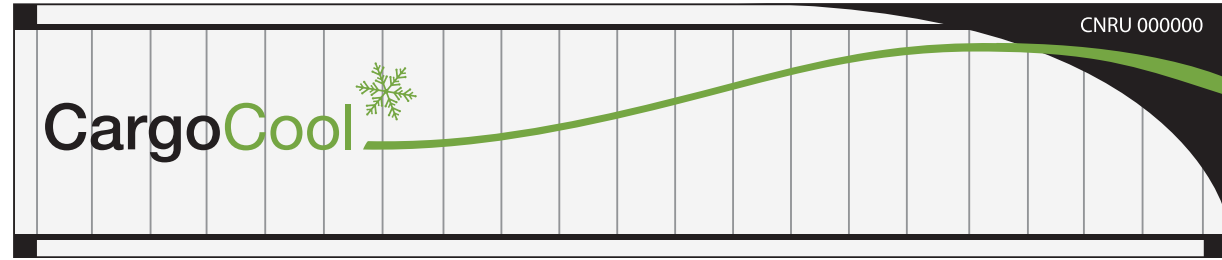
### 40-FOOT CONTAINER

Description	Usable Cube	Interior Dimensions			Door Opening		Palletized Loads
		Length	Width	Height	Width	Height	
40-foot Container	2,395 cu. ft.	39' 6"	92"	94"	90"	92"	48" X 40" Units 20 48" X 42" Units 20
40-foot Container Hi-Cube	2,689 cu. ft.	39' 6"	92"	106"	90"	101"	48" X 40" Units 20 48" X 42" Units 20

## INTERMODAL

### North America Equipment

Used in our EcoTherm service to protect lading from freezing.



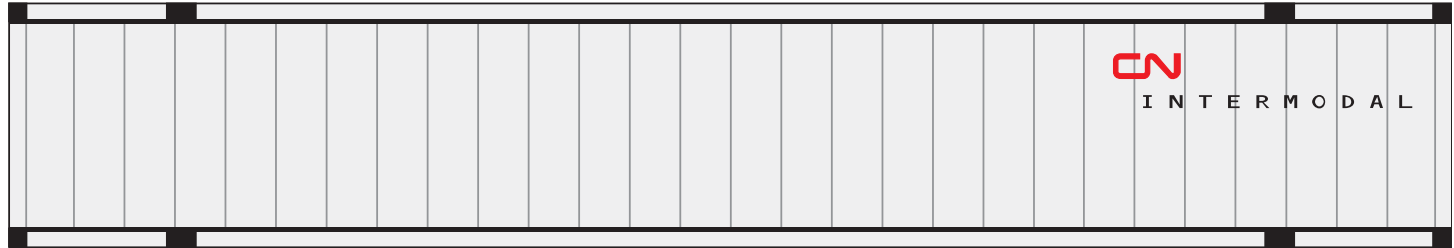
## 40-FOOT INSULATED CONTAINER

Description	Usable Cube	Interior Dimensions			Door Opening		Palletized Loads
		Length	Width	Height	Width	Height	
40-foot Insulated Container	2,384 cu. ft.	38'	7' 6"	8' 4"	90"	100"	48" X 40" Units 18 48" X 42" Units 18

# INTERMODAL

Domestic Equipment

Used for all types of freight.



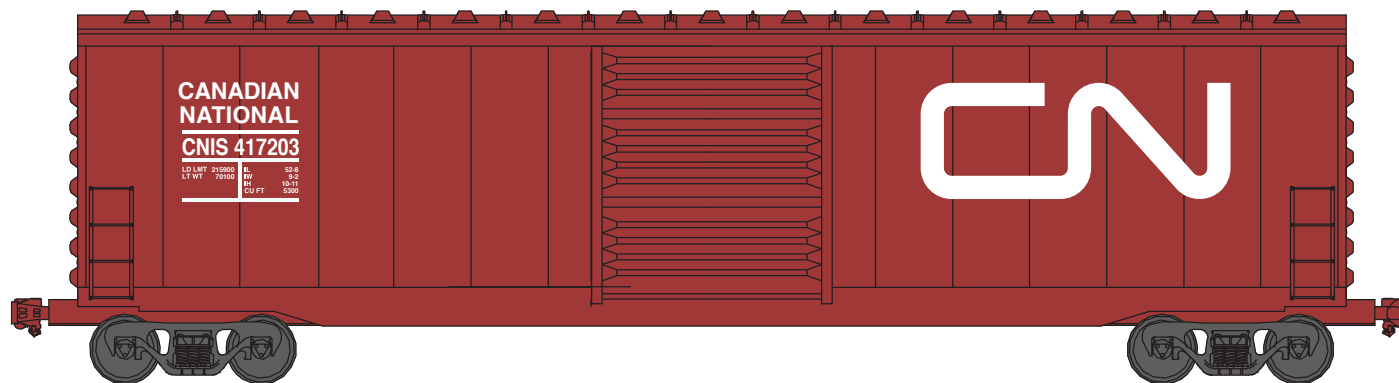
## 53-FOOT CONTAINER

Description	Usable Cube	Interior Dimensions			Door Opening		Palletized Loads
		Length	Width	Height	Width	Height	
<b>53-Foot Container High-Cube</b>	3,901 cu. ft.	52' 4"	98"	109"	98"	109"	48" X 40" Units 30 48" X 42" Units 30
<b>53-Foot Container Heated</b> Used to protect lading from freezing	3,620 cu. ft.	52' 2"	97"	106"	97"	107"	48" X 40" Units 30 48" X 42" Units 30
<b>53-Foot Container Refrigerated</b> Used for refrigerated or frozen products	3,410 cu. ft.	50' 1"	97"	101"	96"	102"	48" X 40" Units 30 48" X 42" Units 28

## METALS AND MINERALS

### Aluminum and Metal Products

Built and maintained to withstand the needs of the industry, these cars can handle cargos of up to 112 tons. They are 50 feet 6 inches - 60 feet 9 inches long, and hold up to 6,657 cubic feet.



40' 11-1/2" TRUCK CENTERS  
 50' 8-1/4" END SILLS  
 52' 10-1/2" STRIKERS  
 55' 6" COUPLERS

## METALS BOXCAR

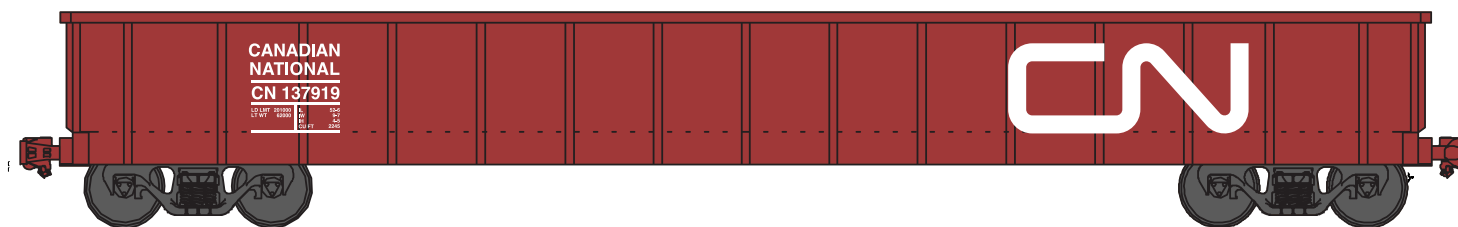
Car Description	Car Series	Plate	Load		Capacity		Door Size		Inside Dimensions		
			Tons	Tonnes	Cu. Ft.	m <sup>3</sup>	Width	Height	Length	Width	Height
<b>100-Ton Boxcar</b>  These 50-ft. boxcars have a carrying capacity of 97-103 tons and are equipped with either 10-ft. or 12-ft. plug or sliding doors.	CNIS/CNA 412000-412637	C	97-98	88-89	5,277	149	10' 2" - 10' 3"	10' 0" - 12' 0"	10' 2" - 10' 3"	9' 6"	10' 11" - 11' 0"
	CNIS 413000-413199	C	98-110	89-100	5,277	149	10' 4"	10' 0"	10' 4"	9' 6"	11' 0"
	CN 414500-414997	C	96-99	87-90	5,092	144	10' 4"	12' 0"	10' 4"	9' 2"	10' 11"
	CN 415002-415049	C	96-114	87-103	5,300	150	10' 4"	10' 0"	10' 4"	9' 2"	10' 11"
	CN 415100-415309	C	96-110	87-100	5,092	144	10' 4"	12' 0"	10' 4"	9' 2"	10' 11"
	CN/CNA 415310-415922	C	97-112	88-102	5,277	149	10' 4"	10' 0"	10' 4"	9' 6"	11' 0"
	WC 22000-22076	C	93-94	84-85	6,191	175	10' 6"	16' 0"	10' 6"	9' 2"	11' 1"
	GTW 125100-125303	E	87-92	79-84	6,000	170	10' 9"	16' 0"	10' 9"	9' 2"	11' 2"
	GTW 306219-306681	E	91-105	83-95	6,280-6,615	178-187	11' 0" - 11' 3"	16' 0"	11' 0" - 11' 3"	9' 1" - 9' 2"	11' 4" - 11' 7"
	CNA 794703-799111	C/E	91-104	83-94	6,040-6,657	171-189	10' 9" - 11' 3"	16' 0" - 16' 1"	10' 9" - 11' 3"	9' 1" - 9' 5"	10' 9" - 11' 7"
<b>75-Ton Boxcar</b>  These boxcars are equipped with a 10-ft. sliding door and have carrying capacities of 74 - 81 tons.	CN 416001-416562	C	74-81	67-71	5,140-5,285	146-150	10' 2" - 10' 3"	10' 0"	10' 2" - 10' 3"	9' 4" - 9' 6"	11' 0" - 11' 1"
	CN/CNA 418001-418650	C	79	72	5,277	149	10' 4"	10' 0"	10' 4"	9' 6"	11' 0"
	IC/ICG/WLO 501000-502964	C	78	71	5,037-5,343	143-151	9' 11" - 10' 4"	10' 0"	9' 11" - 10' 4"	9' 6"	10' 6" - 11' 0"
	WLO 505000-505284	C	77-80	70-73	5,277	149	10' 5"	10' 0"	10' 5"	9' 6"	11' 0"
	WLO 528000-528972	C	79	72	5,277	149	10' 4"	10' 0"	10' 4"	9' 6"	11' 0"
	IC/ICG 560001-560998	C	79-80	72-73	5,024	142	9' 11"	10' 0"	9' 11"	9' 4"	10' 7"
	GTW 598202-598385	C	78-81	71-74	5,000	142	9' 11"	10' 0"	9' 11"	9' 5"	10' 7"



## METALS AND MINERALS

### Aluminum and Metal Products

Available in lengths from 52 feet 6 inches to 65 feet 6 inches, standard gondolas have features such as drop ends and nailable steel floors. They come in a wide variety of configurations to suit the specific needs of industry.



51' 6" TRUCK CENTERS  
 66' 5-3/4" SIDE SILLS  
 67' 4-3/4" STRIKERS  
 70' 0-1/4" COUPLERS

## STANDARD GONDOLA

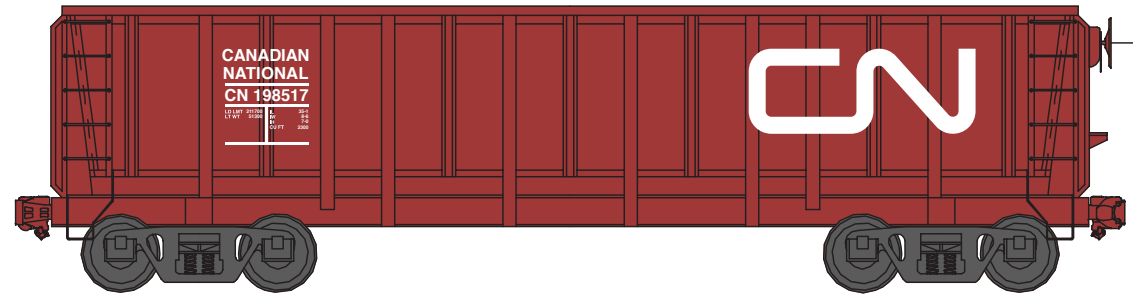
Car Description	Car Series	Load		Capacity		Inside Dimensions		
		Tons	Tonnes	Cu. Ft.	m <sup>3</sup>	Length	Width	Height
<b>Standard Gondola</b>  These gondolas are the workhorse of the industry, used to transport metal concentrates, bars, rods and scrap iron. Some equipment may include fiberglass or steel roof covers for weather protection.  N.B. Some car floors are equipped with coil cradles to accommodate steel coils.	CN 135001-138399	96-104	87-94	1,964-2,264	56-64	52' 6"	9' 6" - 9' 7"	3' 11" - 4' 6"
	CN 156000-157299	92-96	84-87	3,150-3,155	89	65' 6"	9' 7"	5' 0"
	CN 188100-188263	97-101	88-92	2,245	64	52' 6"	9' 7"	4' 5" - 4' 6"
	CN 190400-190838	96-101	87-92	1,964	56	52' 6"	9' 6"	3' 11"
	DTI 9606-9799	100	91	2,325	66	52' 6"	9' 6"	4' 8"
	IC 97350-97499	94-97	85-88	3,243	92	65' 6"	9' 0"	5' 6"
	IC/ICG/CC 245200-245951	94-100	85-91	1,828-2,000	52-57	52' 1"-52' 6"	9' 6"	3' 8" - 5' 11"
	ICG 246000-246749	101-114	92-103	2,494-2,743	71-78	52' 6"	9' 6"	5' 0" - 5' 6"
	IC/ICG 249013-249294	93-96	84-87	3,243	92	65' 6"	9' 0"	5' 6"



## METALS AND MINERALS

### Minerals

Available in 36 foot length, ore gondolas offer a high carrying capacity of up to 106 tons.



#### NEED SPECS

TRUCK CENTERS

END SILLS

STRIKERS

COUPLERS

## ORE GONDOLA

Car Description	Car Series	Load		Capacity		Inside Dimensions		
		Tons	Tonnes	Cu. Ft.	m <sup>3</sup>	Length	Width	Height
Ore Gondola	CN 198450-198499	101-106	92-96	2,300	65	36' 0"	9' 10"	7' 0"
	CN 198501-198649	103-106	94-96	2,300	65	35' 1"	8' 6"	7' 0"

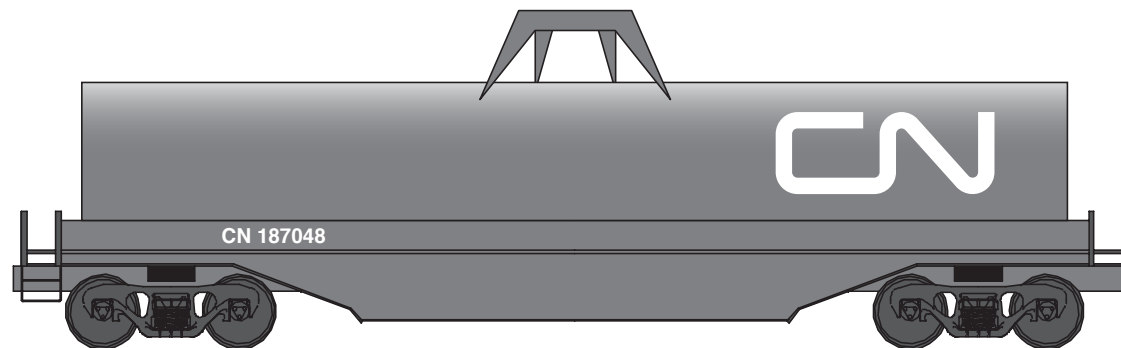
CN's high-cube hopper fleet offers customers carrying capacities ranging from 99-102 tons.



## METALS AND MINERALS

### Aluminum and Steel Products

CN's covered gondolas are easy to load, yet waterproof; they offer maximum protection against the elements. They are in assigned services for the transportation of coiled steel.



34' 5" TRUCK CENTERS

51' 11" COUPLERS

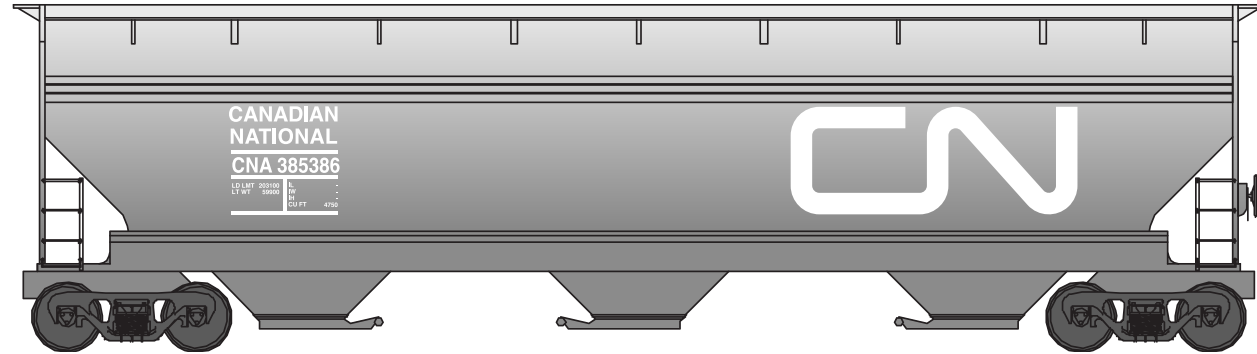
### COVERED COIL GONDOLA

Car Description	Car Series	Load		Capacity		Outside Dimensions		
		Tons	Tonnes	Cu. Ft.	m <sup>3</sup>	Length	Width	Height
<b>Covered Coil Gondola</b>  These coil gondolas have a carrying capacity of 89 - 111 tons and have inside lengths ranging from 46 - 52 ft. Car floor is a longitudinal trough to handle steel coils.	CN 135132-138389	93-100	84-91	1,964-2,264	56-64	52' 6"	9' 6" - 9' 7"	3' 11" - 4' 6"
	CN 188102-188339	95-97	86-88	1,964-3,130	56-89	52' 6"	9' 6"	3' 11" - 6' 3"
	CN 190201-190224	99-100	90-91	1,966	56	48' 0"	7' 4"	7' 3"
	CN 190404-190830	95-103	86-94	1,964	56	52' 6"	9' 6"	3' 11"
	GTW 101101-101394	95-100	86-91	1,290	37	46' 8"-48' 6"	6' 0" - 6' 1"	5' 1" - 5' 4"
	GTW 307050-307149	99-111	90-101	1,964-2,264	56-64	48' 0"	7' 4"	3' 8"
	GTW 675000-675093	97-100	88-91	1,290	37	45' 8"	7' 2"	5' 4"
	IC 294900-294969	108	98	2,744	78	52' 6"	9' 6"	5' 6"
	IC/ICG 295001-295740	90-95	82-86	2,000	57	52' 6"	9' 6"	4' 0"
	IC 295500-295549	89-95	81-86	2,478	70	52' 2"	9' 6"	5' 0"
	IC 295850-295945	94-95	85-86	2,000-2,244	57-64	52' 6"	9' 6"	4' 0" - 4' 6"
	IC/ICG 299525-299630	95-110	86-100	2,011	57	47' 11"/48'	6' 1" - 7' 4"	5' 5" - 7' 0"

## METALS AND MINERALS

### Minerals

CN operates a wide range of covered hoppers to meet the needs of industry. These cars combine ease of loading and unloading with maximum protection from the elements.



46' 0" TRUCK CENTERS  
 55' 0" END SILLS  
 56' 4-1/2" STRIKERS  
 59' 0" COUPLERS

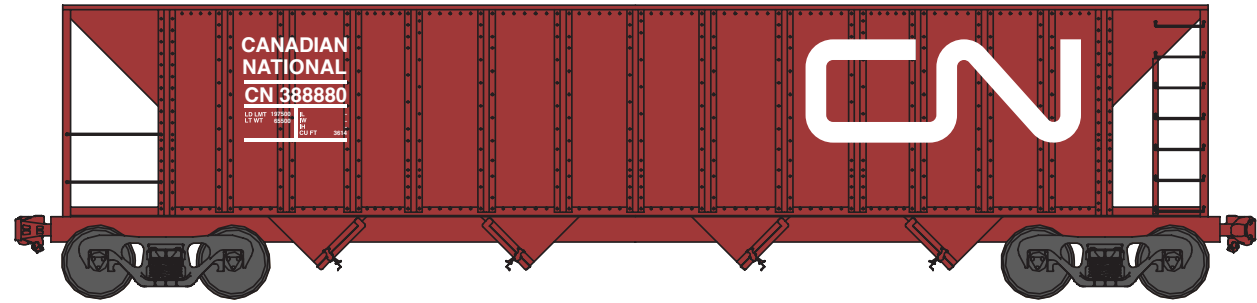
### LOW-CUBE COVERED HOPPER

Car Description	Car Series	Load		Capacity		Outside Dimensions	
		Tons	Tonnes	Cu. Ft.	m <sup>3</sup>	Length	Width
<b>Low and High-Cube Covered Hopper</b>  These cars are used when shipping high-density products such as alumina, cement and aggregates.	CNLX 5001-10933	100-114	91-103	3,800-3,850	108-109	53' 9" - 59'	10' 8"
	CN/CNIS 368000-369997	100-113	91-103	3,800	108	55' 1"	10' 8"
	CN 370005-372117	100-113	91-103	3,800-3,850	108-109	53' 9" - 55' 1"	10' 8"
	CNIS 376000-376299	101	92	4,550	129	59' 0"	10' 8"
	CN/CNIS 377000-379496	99-112	90-102	4,350	123	59' 0"	10' 8"

# METALS AND MINERALS

## Minerals

Open hopper cars offer a fast, economical way to load and unload bulk freight. Cars provide plenty of space for loading iron ore and other aggregates.



- 46' 0" TRUCK CENTERS
- 55' 0" END SILLS
- 56' 4-1/2" STRIKERS
- 59' 0" COUPLERS

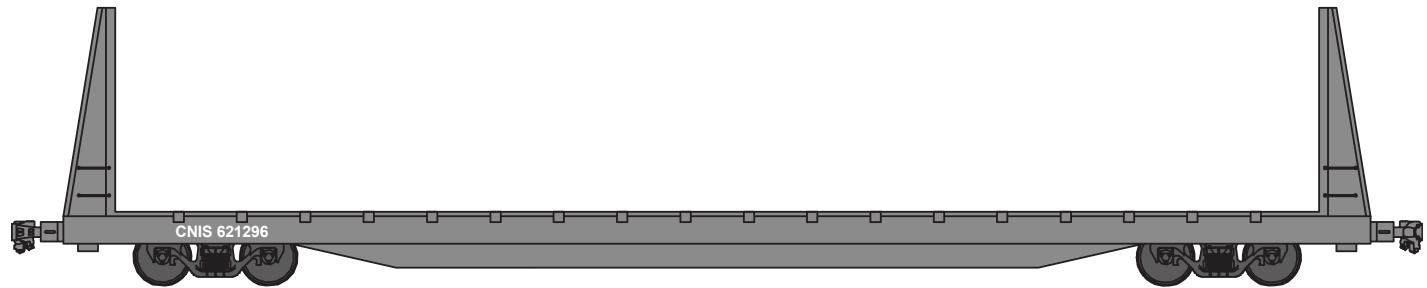
## OPEN HOPPER

Car Description	Car Series	Load		Capacity		Outside Dimensions		
		Tons	Tonnes	Cu. Ft.	m <sup>3</sup>	Length	Width	Height
<b>Open Hopper</b>	CC 40000-40219	101	92	4,000	113	53' 1"	10' 8"	12' 10"
Open hoppers are used in the transport of stone, rock and some ores. This equipment is particularly economical for the loading and unloading of bulk materials.	CN 330003-330249	98-102	89-93	4,341	123	54' 9"	10' 7"	13' 1"
	CNA 330300-330407	99-102	90-93	3,420	97	48' 9"	10' 8"	12' 2"
	CN 346501-346553	99-100	90-91	2,300	65	42' 1"	10' 8"	16' 6"
	CN 347000-347036	99	90	3,600	102	55' 0"	10' 8"	13' 8"
	IC/ICG 365000-365614	99-101	90-92	3,614	102	53' 1"	10' 8"	12' 7"
	C/ICG 387000-389499	99-101	90-92	3,614	102	53' 1"	10' 8"	12' 7"

## METALS AND MINERALS

### Aluminum and Steel Products

Used in the metals industry for transporting aluminum and steel products, these bulkhead flat cars are suitable for carrying loads of 75 to 110 tons.



55' 0" TRUCK CENTERS  
 71' 7-1/2" END SILLS  
 73' 0" STRIKERS  
 5' 7-1/2" COUPLERS

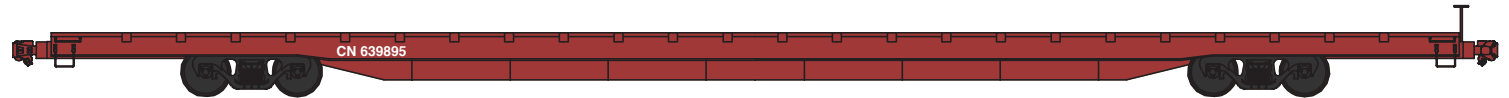
### BULKHEAD FLAT CAR

Car Description	Car Series	Load		Dimensions		
		Tons	Tonnes	Inside Length	Outside Width	Outside Height
<b>Bulkhead Flat Car</b>  These bulkhead flat cars are used to transport aluminum and steel products; inside lengths range from 50 - 66 ft. in order to accommodate various commodities.	CN/DWC 606078-609187	78-82	71-74	51' 6"	10' 8"	14' 9"
	CN 610000-610280	77-84	70-76	50' 1"	10' 4"	8' 5"
	CN 610400-610479	78-82	71-74	51' 6"	10' 8"	14' 9"
	CN 610500-610560	97-101	88-92	56' 0"	10' 3"	6' 9"
	CN 611000-613446	79-81	72-74	51' 6"	10' 4"	14' 9"
	CN 666012-666449	83-85	75-77	54' 4"	10' 4"	3' 9"
	CN 618000-618263	98-111	89-101	50' 6"	10' 3"	9' 11"
	CNIS 621007-622678	89-94	81-85	66' 0" - 66' 8"	10' 1" - 10' 2"	15' 1" - 15' 2"
	IC/ICG 978663-978993	93-103	84-94	66' 0"	10' 0"	14' 10"
	CN 603025-603324	81	74	52' 8"	10' 3"	15' 1"
	CN 603751-603986	81	74	52' 8"	9' 11"	15' 1"
	DWC 605000-605799	80-82	73-74	52' 8"	10' 3"	15' 1"

## METALS AND MINERALS

### Aluminum and Steel Products

CN operates a wide range of covered hoppers to meet the needs of industry. These cars combine ease of loading and unloading with maximum protection from the elements.



64' 0" TRUCK CENTERS  
89' 4" END SILLS  
93' 10" COUPLERS

### FLAT CAR

Car Description	Car Series	Load		Dimensions		
		Tons	Tonnes	Inside Length	Outside Length	Outside Width
<b>Flat Car</b>	GTW 87000-87025	72	65	60' 0"	63' 0"	10' 6"
The 60 - 89 ft. flat cars are used to carry sheet, pipe, heavy equipment and parts, as well as other metal products.	CN 638000-639620	90-100	82-91	80' 5"	87' 9"	9' 6" - 9' 7"
	CN 639850-639999	90	82	89' 4"	93' 10"	9' 6"
	CN 667000-667949	96-113	87-103	62' 6"	65' 8"	10' 2" - 10' 3"
	CN 668000-668299	90	82	89' 4"	93' 10"	9' 6"
	CN 668300-668399	89-101	81-92	89' 4"	93' 10"	8' 11" - 11' 0"
	IC/ICG 907550-907584	77	70	57' 6"	64' 8"	10' 7"
	IC/ICG 910025-910346	74-77	67-70	60' 0"	63' 3"	10' 6"