

TECHNICAL BULLETIN FREIGHT CARS

73' Drop Deck CENTER PARTITION CAR

This riserless center partition car with a depressed center deck is designed to provide 15% increase in board feet capacity. This increased volume permits the car to reach its rated weight capacity when hauling dry lumber.

The car is equipped with 15-inch end-of-car cushioning. The center partition structure is rectangular, with no part of the truss over the load area.

DIMENSIONS (Approximate)			
Length, between upper bulkheads	73' 0"	Height, upper floor to top of bulkhead	12' 2 1/16"
Length, over couplers	80' 2 1/2"	Height, extreme	16' 9 15/16"
Length, depressed deck	40' 6"	Width, over bulkheads	9' 0"
Height, top of rail to lower floor deck	1' 10 1/2"	Width, over floor to partition	4' 1"
Height, top of rail to upper floor deck	4' 7 7/16"	Width, extreme	9' 8 5/8"
Height, between lower and upper floor decks	2' 9 1/2"	Clearance	AAR Plate F
WEIGHT / CAPACITY (Estimated)		CURVE NEGOTIABILITY RADIUS	
Light weight	63,000 lbs.	Uncoupled	180'
Gross rail load	286,000 lbs.	Coupled to like car	172'
Load limit	223,000 lbs.	Coupled to 40' base car	256'
These general dimensions are representative and subject to change without notice as required by customer specifications or design improvements by Greenbrier.			

