

TECHNICAL BULLETIN STACK CAR

ALL-PURPOSE 53' DOUBLE-STACK CAR

The 53' All-Purpose (AP53) double-stack well car is a single unit designed to maximize flexibility. It can carry either containers or trailers with ease. The AP53 has a 53' well to accommodate containers from 20' to 53' long, as well as containers from 40' to 53' long in the top position. Additionally, the AP53 can accommodate two 28' pup trailers or one long trailer up to 57' long. Each car is capable of carrying nose-mounted containers or trailer refrigeration units. The AP53 can be operated as a single car or be configured as a multiple-unit drawbar car.

DIMENSIONS (Approximate)			
Length, over couplers	76' 8 3/4"	Height, extreme (loaded*)	20' 2"
Length, between truck centers (per well)	62' 7"	Width, extreme	10' 7 15/16"
Height, top of rail to top of side sill	4' 3/16"	Well Size	53' x 102 3/8"
Height, rail to support surface (empty)	12' 1/16"	* Loaded with two 9' 6" stacked containers	
WEIGHT / CAPACITY (Estimated)		CURVE NEGOTIABILITY RADIUS	
Light weight	54,000 lbs.	Uncoupled	180'
Gross rail load	220,000 lbs.	Coupled to like car	303'
Load limit	166,000 lbs.	Coupled to 40' base car	299'
These general dimensions are representative and subject to change without notice as required by customer specifications or design improvements by Greenbrier.			

