

TECHNICAL BULLETIN STACK CAR

MAXI-STACK® IV

The Maxi-Stack® IV car is the mainstay of the United States domestic double-stack car fleet, because it provides the optimum balance between tare weight and capacity. It is a three-unit articulated double-stack car that can handle containers from 20' to 53' long in the well and containers from 40' to 57' in the top position. The Maxi-Stack IV utilizes 70-ton end trucks and 125-ton intermediate trucks.

DIMENSIONS per 3-unit car (Approximate)			
Length over couplers	203' 11 3/4"	Height, extreme (loaded*)	20' 2"
Length, between truck centers, end unit	63' 1"	Width, over side sills	9' 10 9/16"
Length, between truck centers, intermediate unit	63' 7"	Width, extreme	10' 8"
Height, top of rail to top of side sill	5' 1"	Well size, end unit	53' x 102 3/8"
Height, rail to support surface (empty)	12' 1/16"	Well size, intermediate unit	53' x 102 3/8"
		* Loaded with two 9' 6" stacked containers	
WEIGHT / CAPACITY (Estimated)		CURVE NEGOTIABILITY RADIUS	
Light weight	135,700 lbs.	Uncoupled, horizontal	180'
Gross rail load	486,100 lbs.	Uncoupled, vertical	1,250'
Capacity, net	350,400 lbs.	Coupled to like car	306'
Average capacity per well	116,800 lbs.	Coupled to 40' base car	302'
These general dimensions are representative and subject to change without notice as required by customer specifications or design improvements by Greenbrier.			



**From the First Mile
To the Last Mile**

