

Tilt Flatcar™

The 89'-4" Tilt Flatcar™ is a revolutionary railcar designed to address the logistical challenges of transporting wide plates up to 14'-3". Featuring a flat steel floor and a fixed steel structure, it enables horizontal loading and tilting to meet AAR Plate C standards. Departing from conventional hydraulic systems, the railcar utilizes an innovative screw jack mechanism inspired by garage jacks for its tilting function. To overcome longitudinal impact challenges, it incorporates a pioneering tent structure that distributes load forces, ensuring rigidity and strength without the need for a traditional bulkhead. Developed with AKB, this innovative design sets a new standard for transporting oversized cargo.



THE GREENBRIER COMPANIES

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GENERAL DIMENSIONS (APPROX.)

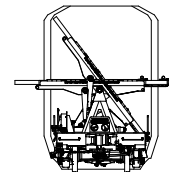
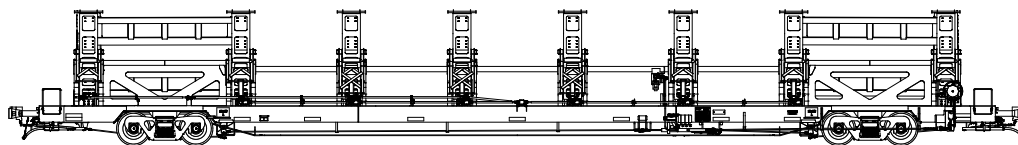
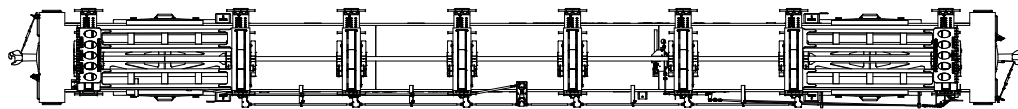
Length, over end sills	89'-4"
Length, over couplers	94'-8"
Width, center, frame in transport position	9'-2 5/8"
Width, loading dock	12'- 5 5/8"
Height, rail to loading deck	14'- 6 3/4"
Clearance	AAR PLATE C

WEIGHT/CAPACITY (EST.)

Light weight	88,200 lbs.
Capacity/Load limit	197,800 lbs.
Gross rail load	286,000 lbs.

CURVE NEGOTIABILITY RADIUS

Uncoupled	180'
Coupled to base car	345'
Coupled to like car	239'



These general dimensions are representative and subject to change without notice.