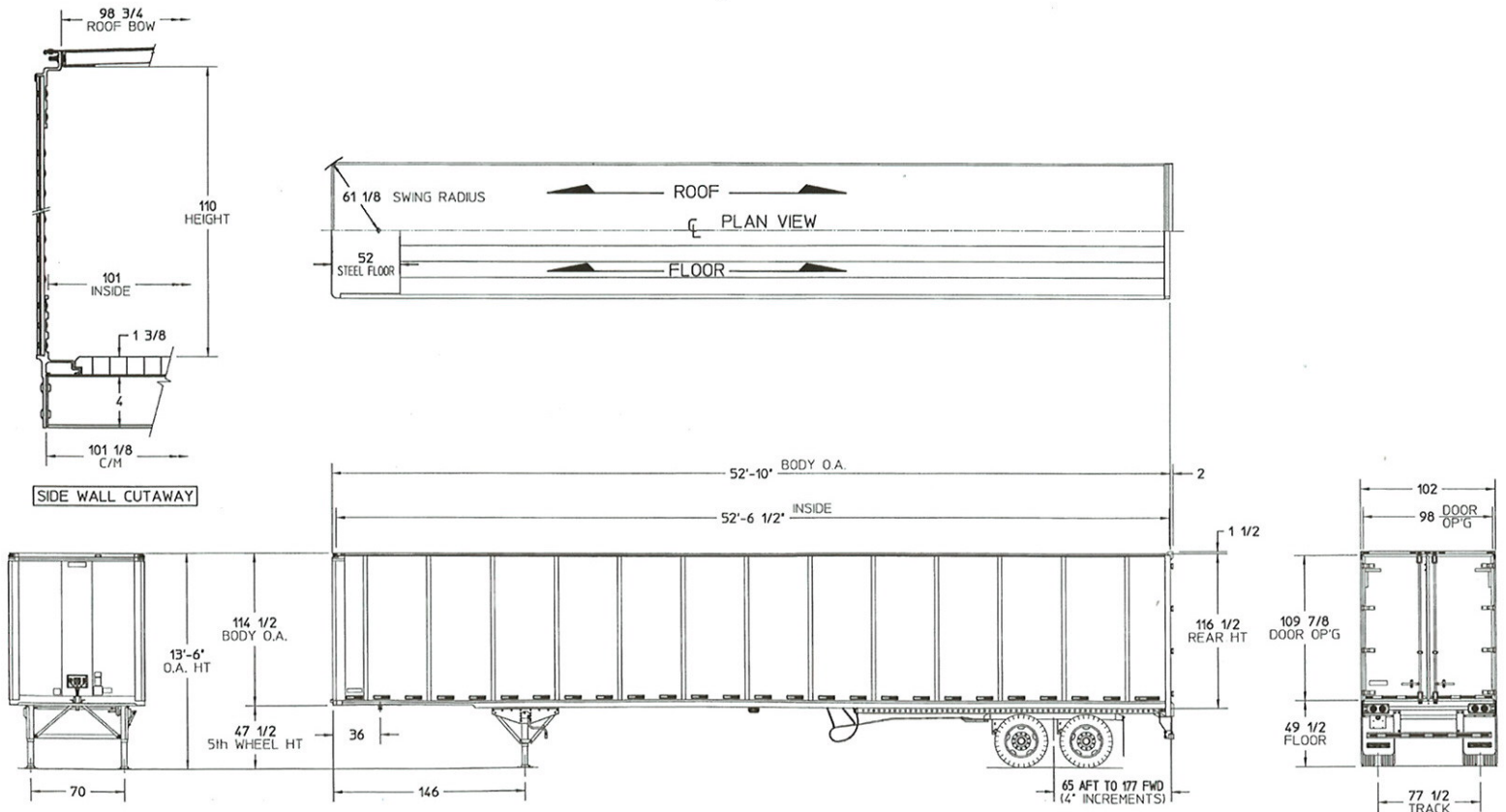


Standard Specifications – New Z-Plate® Van



Assy. No. Description

1	Base Model – ZPWW-53ST-S-C-AR (Z-Plate® Van, Extra Wide, Hi-Cube, 53 ft., No. 5 height, tandem, slider, air ride).
2	Length – Refer to drawing.
3	Width – Refer to drawing.
4	Height – Refer to drawing.
5	Capacity – 25,000 lb. beam rating per axle - 27.5 ton payload.
6	Suspension – Rigid trailing arm style air suspension, with EZ-align axle alignment, and an external dock lock to minimize dock walk.
7	Axle – 5" tubular beam, bearing. INNER - HM218248/218210. OUTER - HM212049/212011.
8	Brakes – Quick change, 16 1/2" x 7", non-asbestos, meets requirements of Federal Motor Vehicle Safety Standard No. 121 and filtered air couplers.
9	Hubs – 10 stud hub piloted with cast iron drums, 11 1/4" bolt circle.
10	Oil Seals – Visual oil level type.
11	Wheels – 22.5 x 8.25 tubeless disc, hub piloted style, precoated white.
12	Tires – As requested.
13	Landing Gear – Two-speed vertical, square tubular legs with 10" x 10" removable cushion foot, crank on roadside.
14	Suspension Subframe – Narrow mounted slider-type with slide rails for 65" AFT location to 177" FWD location.
15	Landing Gear Subframe – Wide inside-type mounting, longitudinal mounting channels spanning five cross members with cross, fore and aft diagonal bracing and cross channel braced. Structure is bolted to mounting angles for easy repair in case of damage.
16	King Pin Subframe – S.A.E. king-pin, cross head type, AAR rated built into structure, 3 1/2" shallow hi-tensile sandwich unitized with full width upper and lower plates and internal reinforcements.
17	Cross Member – Shallow area ahead of landing gear uses (3) hat-shaped heavy-duty members. Center bay area and area over Slider Rails use 4" I-beam, 12" centers.
18	Lower Rail – Extruded aluminum, 6061-T6.

Assy. No. Description

19	Floor – 1 3/8" nominal laminated hardwood from rear sill forward, butted to king pin subframe (smooth steel 49" of forward area). 3 screws per board per cross member.
20	Front Wall – Bevel corner (square inside). 125" corners, six 16 ga. galvanized steel hat-shaped posts x 2 1/2" deep, equally spaced with heavy duty lower sill across front and around corners.
21	Side Walls – pre-painted white composite side panels with pre-painted white outer splice plates riveted with 1/4" dia. aluminum rivets on 1 1/2" centers to panel and 14 ga. galvanized steel inner splice plate with 12" on center vertical "A" slots.
22	Upper Rail – Extruded aluminum, 6061-T6.
23	Roof – 16 ga. galvanized bows, 24"/16"/24" on center, hat shape, 1 1/8" deep with 3/4" crown, .040" one piece aluminum sheet-edge hemmed over upper rail and riveted to outside.
24	Rear Frame – 2" x 4" x 3/16" tubular steel corner posts welded rigid to 1 1/4" heavy duty shallow header and 1 1/8" lower sill and threshold member.
25	Rear Doors – 3/4" metal clad plywood, dual durometer PVC gaskets, four 2 3/4" wide extruded aluminum hinges and one lock bar per door, loop style door back. Optional 1/2" composite door (Z-Door) is available.
26	Lining – Nose – 1/4" plywood full height. Sides – 18 ga. x 6 1/2" high 18 gauge corrugated galvanized steel scuff above 4 1/2" integral lower rail scuff.
27	Electrical – 12-volt system, 7-way socket with stop/tail, directional, license, applicable marker, clearance and conspicuity per DOT/Federal Motor Vehicle Safety Standard No. 108. Combination center marker and turn signal. "Led" five light rear header. "Led" clearance light on upper front corners, return ground on all lights except upper front clearance lights. Modular sealed system.
28	Bumper – Corner bars, cross-channel and light guards welded rigid to rear sill. Bolt on rear impact guard with bolt on anti-skid horizontal member. Meets FMVSS 223 and 224. Two rubber dock bumpers on rear corners.
29	Mud Flaps – 24" wide anti-sail.
30	Painting – Understructure undercoated, pre-painted white front panels, side panels and doors. Natural aluminum corner panels. Steel body parts painted white.

Specifications are subject to change without notice.

STOUGHTON®

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