

# STOUGHTON®

*It's in the details*



Stoughton's Extra Wide Hi-Cube Aluminum Van is the smart way to increase your payload - 107.9 cubic feet to be exact. Stoughton's Extra Wide Van gives you a full 100 3/4 inches of inside width and that adds up to a total of 4,036 cubic feet of cargo. Now you can haul even more freight, more miles and lower your cost per mile



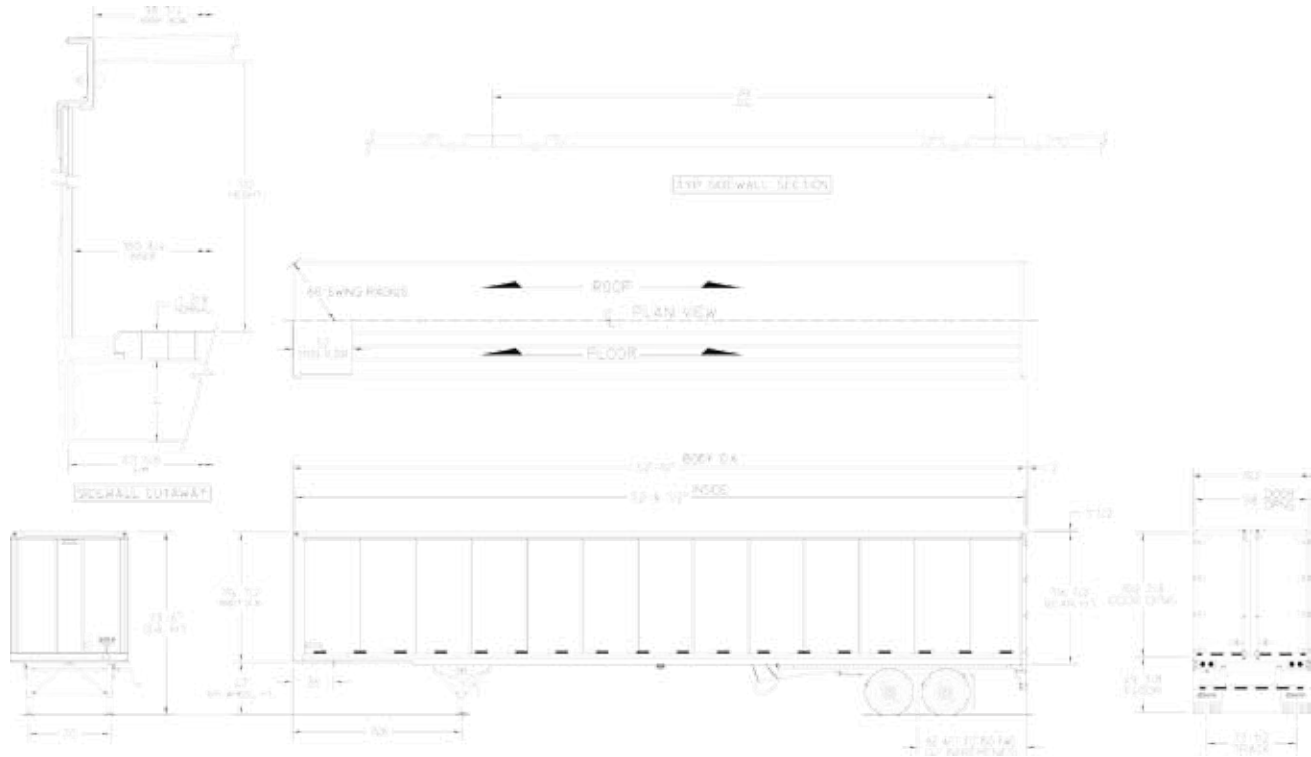
## Extra Wide Van

### ***Kicking downtime to the curb***

The Stoughton Extra Wide Hi-Cube sidewalls feature extruded HDPE liner panels between posts for maximum protection against careless loading practices. The specially designed galvanized posts are slotted and spaced throughout for easy, efficient load control.

The Extra Wide Hi-Cube is built tough from the ground up with the industry's most rugged reinforced rear doorframes to prevent racking. Stoughton's exclusive baked on epoxy primer and epoxy finish coat for years of protection against damage from corrosion.

# Standard Specifications - Extra-Wide Van



## Assy. No. Description

1	<b>Base Model</b> – AVXW-535T-S-C-AR (Aluminum Van Extra Wide, Hi-Cube, 53ft., 13'-6" height, tandem, slider, air ride.
2	<b>Length</b> – Refer to drawing
3	<b>Width</b> – Refer to drawing
4	<b>Height</b> – Refer to drawing
5	<b>Capacity</b> – 25,000 lb. beam rating per axle – 27.5 ton payload
6	<b>Suspension</b> – Rigid trailing arm style air suspension, with EZ-align axle alignment, and an external dock lock to minimize dock walk.
7	<b>Axle</b> – Tapered spindles, bearings. Inner - HM218248/218210. OUTER - HM212049/212011
8	<b>Brakes</b> – Extended service, quick change, 16 1/2" x 7", non-asbestos, meets requirements of Federal Motor Vehicle Safety Standard No. 121 and filtered air couplers.
9	<b>Hubs</b> – 10 stud hub piloted with cast iron drums, 11 1/4" bolt circle.
10	<b>Oil Seals</b> – Stemco Platinum Plus Performance System with Chevron Delo grease.
11	<b>Wheels</b> – 5 hand hole, steel, powder coated
12	<b>Tires</b> – As requested
13	<b>Landing Gear</b> – Two-speed vertical, square legs with replaceable 10" cushion foot and roadside crank.
14	<b>Suspension Subframe</b> – 4 pin slider-type with hot rolled 80,000 min. yield wide-slide rails for 62" AFT location to 150" FWD location.
15	<b>Landing Gear Subframe</b> – Wide inside-type mounting, longitudinal mounting channels spanning five cross members with cross, fore and aft diagonal bracing and cross channel braced.
16	<b>King Pin Subframe</b> – 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 plated and internal reinforcements.
17	<b>Cross Member</b> – 80,000 min. yield, pre-undercoated. Shallow area ahead of landing gear uses (3) hat-shaped heavy-duty members. Landing gear, center bay area and area over slider rails use 4" I-beam, 12" on center.
18	<b>Lower Rail</b> - Extruded aluminum, 6061-T6

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19	<b>Floor</b> – 1 3/8" nominal laminated oak from rear sill forward, butted to king-pin subframe (smooth steel 52" for forward area), fastened with (3) staggered screws per board/per cross member. Rear threshold plate with forward edge beveled into floor.
20	<b>Front Wall</b> – Pre Painted .050" aluminum beveled corners, pre-painted .050" aluminum front panels, (6) 16 GA. Steel hat-shaped posts x 2 1/2" deep, equally spaced with heavy-duty lower sill across front and bevel corners.
21	<b>Side Walls</b> – Galvanized steel posts, 24" on center (16" on center landing gear forward) shallow logistic post with double rivet row 2" and 4" alternate centers vertically through .050" aluminum pre-painted panels.
22	<b>Upper Rail</b> – Extruded aluminum, 6061-T6
23	<b>Roof</b> – .040" one-piece aluminum sheet pre-tensioned against galvanized steel bows 24" on center, crowned and fastened to top rail with galvanized bolts, stainless steel washers and lock nuts.
24	<b>Rear Frame</b> – 2" x 4" x 3/16" tubular steel corner posts welded rigid to 1 1/4" heavy duty shallow header and 11 3/8" lower sill and threshold member.
25	<b>Rear Doors</b> – 1/2" composite door, dual durometer PVC gaskets, four 2 3/4" wide extruded aluminum hinges and one lock bar per door, loop style door hold backs.
26	<b>Lining</b> – Nose - 1/2" OSB full height Sides - Extruded white HDPE plastic liner panels installed vertically between posts.
27	<b>Electrical</b> – 12-volt system, 7-way socket with stop/tail, direction, license, applicable marker, clearance and conspicuity per DOT/Federal Motor Vehicle Safety Standard No. 108. Combination center marker and turn signal. Return ground on all lights. Trucklite LED lights throughout with Trucklite harnesses for lifetime solution.
28	<b>Bumper</b> – 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 DOT Requirements. Two dock bumpers on rear.
29	<b>Mud Flaps</b> – 24" wide anti-sail.
30	<b>Painting</b> – Understructure undercoated pre-painted white front panels, side panels and doors. Steel body parts grit-blasted, primed with two part epoxy primer and finished with two part modified acrylic enamel.



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