

Stoughton Z+ Composite Platewall Van

Clean line-by-line build sheet

Product Overview	
Manufacturer	Stoughton
Model	ZGPVW-535T-S-C-AR
Type	Z+ Composite Platewall Van
Style	Can Style (shallow upper coupler)
Certified For	United States
Overall Length	53'
Overall Width	102 in. (inside: 101.34 in.)
Overall Height	13 ft. 6 in. based on a 47 in. fifth-wheel height
Interior Height - Front	110 in.
Interior Height - Rear	110 in.
Door Opening	109.875 in.
Dock Height	49.72 in.

Suspension, Axles, Brakes and Air	
Suspension Type	Air ride slider
Subframe	Sliding
Slider Rails	Stoughton Wide Slide
Slider Rail Length	204 in.
Suspension Model	Holland CBX40 w/Posilok
Suspension Air Control	No dump valve
Slider Pin Release	Manual
Manual Stop Bar	None
Axle Quantity	2
Axle Spacing	49 in.
Axle Wall Thickness	Suspension manufacturer's standard
Axle Manufacturer	Included with suspension
Spindle Type	Tapered
Bearing Manufacturer	Stoughton Standard
Inner Bearings	HM218248
Outer Bearings	HM212049
Spindle Nuts	Pro-Torq
Brake Type	Drum
Brake Size	16.5 in. x 7 in.
Brake Lining	SAF-Holland Standard
Lining Type	Extended Service (Standard)
Dust Shields	None
Brake Adjusters	Haldex 5 1/2 in.
Brake Chambers	Stoughton Standard 3030
ABS Brake System	Wabco
ABS Sensor Configuration	2S/1M (Two Sensor/One Modulator)
ABS Diagnostic Cable	No

Spring Brake Valve	Stoughton Standard
Valve Type	Spring Brake Priority
Gladhand Style	Standard (non-swivel)
Gladhands	Stoughton Standard
Gladhand Seals	Stoughton Standard
Gladhand Screens	Included (Standard)
Air Tank Drain	Standard drain cock
Air Line Filter	None

Hubs, Tires, Wheels and Landing Gear

Hub and Drum Type	Hub piloted
Hub Material	Iron
Hub Manufacturer	Stoughton Standard
Brake Drum Type	Standard
Brake Drum Manufacturer	Stoughton Standard
Bearing Lubrication	Grease - Chevron Delo SF
Oil/Grease Seals	Stemco Guardian HP (PPS+)
Hubcaps	Stemco Sentinel (PPS+)
Tire Manufacturer	Goodyear
Tire Size	295/75R22.5 (G)
Tire Model	G316 LHT
Tire Pressure	95 psi
Hubodometer Mount	Bracket mounted
Hubodometer Location	Roadside front wheel
Hubodometer Unit	Miles
Hubodometer Vendor	Stemco Manufacturing
Valve Stems	Standard
Wheel Size	22.5 x 8.25
Wheel Material	Steel
Wheel Finish	Powder coated white
Wheel Separators	None
Wheel Manufacturer	Stoughton Standard
Wheel Studs	Short studs for steel wheels
Wheel Nuts	Stoughton Standard
Wheel Alignment	Stoughton Electronic Exac-Trac System
Landing Gear Model	Holland Atlas 55 w/Speed Crank
Landing Gear Foot	10 in. x 10 in. removable cushion foot
Landing Gear Bracing Material	Hot rolled steel
Landing Gear Location	146 in. from front

Frame, Floor and Body

Upper Coupler Type	3 1/2 in. shallow
King Pin Location	36 in.
King Pin Bottom Plates	1/4 in.
Front Sill Material	Hot rolled steel

Crossmembers - Type / Spacing	4 in. steel Super-Sill I-beams, 12 in. on center
Crossmembers - Landing Gear	4 in. steel Super-Sill I-beams, 12 in. on center
Crossmembers - Running Gear	4 in. steel Super-Sill I-beams, 12 in. on center
Lower Rail	Extruded aluminum 6061-T6
Flooring Type	Laminated oak (Standard)
Flooring Thickness	1-3/8 in.
Floor Screw Pattern	3 staggered per board per crossmember
Threshold Plate	12 in. steel tread plate
Front Wall Construction	Six post high impact
Front Wall Panels	.050 pre-painted white aluminum
Front Corner Panels	Natural aluminum Bevi-Round
Nosebox Mounting	Surface mounted
Nosebox Location	Offset to roadside
Sidewall Splice Plate Spacing	48 in. on center
Sidewall Splice Plates	With 6 in. on-center vertical logistic slots
Sidewall Panels	Pre-painted white composite
Upper Rail	Extruded aluminum 6061-T6
Roof Skin Material	Dual tensioned .040 in. aluminum
Roof Bow Material	Galvanized steel
Roof Bow Spacing	24 in. on center w/16 in. on center in the bay

Rear Frame, Doors and Liner

Rear Frame Construction	Industrial w/hinge, light and rear sill protection
Rear Frame For	Swing doors
Rear Frame Material	Hot rolled steel
Rear Sill Type	Flush
Rear Header Type	2 3/4 in. shallow
Rear Door Opening Width	98 in.
Rear Door Opening Height	Standard
Swing Door Material	1/2 in. dual durometer G-Bond composite
Door Finish	White steel outer / white steel inner
Lockrods on Doors	One lock per door
Door Hinges	(4) 2 3/4 in. extruded aluminum
Hinge Pin Material	Steel
Hinge Bumpers	None
Hinge Protectors	None
Door Holdbacks	Hook and handle
Front Wall Liner	1/2 in. OSB
Front Wall Liner Height	Full height
Front Wall Scuff	5/8 in. x 12 in. black plastic
Front Wall Scuff Location	At floor, scuff over the liner
Sidewall Scuff	18 ga. x 6.88 in. corrugated steel
Sidewall Scuff Location	At top of lower rails
Roof Liner	None

Electrical, Lighting and Safety

Harness Manufacturer	Trucklite
7-Way Receptacle Manufacturer	Stoughton Standard
7-Way Receptacle Style	Split w/o circuit breakers
Lamp System	Trucklite LED lamps throughout
Upper Front Lamp Quantity	2
Upper Front Lamps	Stoughton Standard
Upper Front Corner Lamp Location	Mounted in corner castings
Upper Side Lamp Quantity	1 per side (at front corners)
Lower Lamp Quantity	Stoughton Standard
Center Combo Lamp	Stoughton Standard
Lower Side Lamp Location	Center & lower rear corner
Upper Rear Lamp Quantity	5
Upper Rear Lamps	Stoughton Standard
Tail Lamps	Stoughton Standard
Tail Lamp Quantity	2 per side
Lower Corner Marker Lamp	Stoughton Standard
License Lamp	Stoughton Standard
License Lamp Location	Roadside
ABS Indicator Lamp	Stoughton Standard
Rear Impact Guard Style	Bolt-on w/bolt-on anti-skid horizontal member
Rear Impact Guard Material	Hot rolled steel
Rear Dock Lock Braces	No
Dock Bumpers	Polyurethane

Splash Guards, Finish, Decals and Miscellaneous

Splash Guard Location	Mounted at suspension slider/subframe
Splash Guard Mounting Angle Material	Hot rolled steel
Splash Guard Size	24 in. x 30 in.
Splash Guard Vendor	Stoughton Standard
Splash Guard Style	Anti-sail/anti-spray
Splash Guard Color	Black
Splash Guard Logo	Stoughton Standard
Conspicuity Tape Vendor	Stoughton Standard
Tape Pattern	Stoughton Standard (6 in. white / 6 in. red)
Sidewall Tape Location	On panels
Front Sill Finish	White paint
Rear Frame Finish	White paint
Rear Guard Finish	White paint
Threshold Plate Finish	Gray primer
Undercoating	Black
Decals	Install customer-furnished decals
Decal Special Information	Stoughton Rental & Leasing decals per drawing #1932.
Registration Holder	Trucklite #97960

Registration Holder Location	Lower roadside front wall
Placard Holders	With backing plate
Placard Holder Quantity	One each front, sides & rear
Holder Frame Material	Mill finish aluminum
Placard Panels	None
Placard Panel Quantity	Not applicable
Placard Frame Material	Not applicable
Additional Information	None