



ELEVATOR™

The Elevator™ dry van is 99" from post face to post face. Lining is vertically installed to utilize logistic posts for cargo control

GENERAL SPECIFICATIONS

|          |                   |                                    |
|----------|-------------------|------------------------------------|
| Length   | Exterior: 28' 0"  | Interior: 27' 8"                   |
| Width    | Exterior: 102.36" | Interior: 99**                     |
| Height   | Exterior: 13' 6"  | Interior: 110" at eve              |
| Capacity | 40,000 GVWR       | 2,269 cu. ft. of interior volume** |

# UNIQUE CUSTOMERS. UNIQUE CHALLENGES. UNIQUE TRAILERS.

When an ordinary trailer isn't enough, you can rely on Strick.

Strick Trailers has been innovating trailer solutions for years and has gone BEYOND THE ORDINARY with our Elevator™ model. This trailer has been strategically engineered to provide maximum freight capacity and savings, giving you maximum possibilities. If your business demands more specific requirements, this trailer can easily be configured to meet the unique needs of your operation.



To talk to Strick about your unique challenge, contact us today.  
888-552-3055 | [StrickCS@stricktrailers.com](mailto:StrickCS@stricktrailers.com) | [stricktrailers.com](http://stricktrailers.com)

\*Interior width of elevator platforms is 93".

\*\*Cubic capacity provided is with elevator platforms in the down position.

Patent(s) Pending

## BODY CONSTRUCTION

|                             |  |
|-----------------------------|--|
| <b>Air &amp; Electrical</b> | <p>12-volt system with split wire harness with integral return ground and 14-gauge wiring throughout. Both air and electrical lines terminate on the roadside of front panel with 7-way receptacle and glad hands mounted on a fixed aluminum plate; quick release style glad hand on blue service line. Synflex air lines and electrical harness routed along bottom rails on both sides.</p> <p>Elevator™ power system is Powered by Purkeys™ and designed to handle dual and triple trailer configurations. 7-way Custom Integrated Solutions nose box with optional single and/or dual pole charging plug maintains (2) onboard batteries located in a rear mounted, weathertight, control housing that features both interior and exterior access points. Standard 200-watt solar charging system manages power levels allowing loading and unloading with no tractor connection, and the onboard 12V to 24V power converter reduces total current required for lifting loaded platforms. Interior roof mounted PIR motion sensor with a 15-minute timer function extends battery life by powering down the system when not in use. The entire Elevator™ electrical system terminates with a lockout/tagout capable master disconnect on the curbside exterior.</p> |
| <b>Floor</b>                | 1-3/8" extruded aluminum knurled flooring with recessed floorboard joints with 5/16" diameter Torx® head bolts on 12" centers. 2-3/8" galvanized floor caps at board terminations.   |
| <b>Front Panel</b>          | .048" thick pre-painted white aluminum sheets with (5) 3-1/4" deep galvanized steel hat-shaped posts. Aluminum three-piece front top rail with 4" radius corner castings. Sheets fastened to posts with (1) row of solid 3/16" rivets on 2" centers at seams and 4" centers at intermediate locations.   |
| <b>Side Panels</b>          | .048" thick pre-painted white aluminum sheets with 11/16" deep galvanized steel hat-shaped posts on 16" centers. Sheets fastened to posts with (1) row of solid 3/16" rivets on 2" centers at seams and 4" centers at intermediate locations. Elevator™ drop section utilizes reinforced full-length posts with an integrated beam section that provides industry standard floor loading capacities.   |
| <b>Roof</b>                 | One-piece, .040" thick, full width aluminum sheet and Strick's superior tension roof bow design. Roof bows installed on 16" centers with (2) HuckBolts® at ends and adhesive tape to roof sheet.   |
| <b>Bottom Rail</b>          | 8-3/4" deep heavy-duty extruded aluminum alloy 6061-T6 with floor sealing lip.   |
| <b>Top Rail</b>             | 5-9/16" deep heavy-duty extruded aluminum alloy 6061-T6.   |
| <b>Kingpin Structure</b>    | 3-1/8" deep steel structure, A.A.R. rated and certified. 5/16" thick formed channels welded to 5/16" thick steel bottom plate and 5/16" thick by full width front pick-up plate with turned-up lip. Equipped with Strick's DuoPlug™ to keep moisture and debris out of the upper coupler. Galvanized front wrap. Strick applies ECK® corrosion barrier between king pin side plates and bottom rail.   |
| <b>Crossmembers</b>         | 4" deep, hot-rolled steel I-beam crossmembers throughout, with 8" spacing over the running gear area. Crossmembers have X-large, steel end clips pre-welded, and are coated with corrosion resistant copolymer prior to installation. Steel clip is separated by mylar tape from the aluminum bottom rail and ECK® corrosion barrier is applied as an additional layer of protection. Crossmembers attached with stainless steel threaded fasteners throughout.  |
| <b>Double Drop</b>          | Nominal 150" long, full width 34" deep double drop section with fully galvanized subframe, fore and aft drop transition frames.  |
| <b>Rear Frame</b>           | High-tensile steel sections with welded construction. Entire assembly hot-dipped galvanized. Lights recessed in rear sill. Heavy-duty rubber dock bumpers. Easy access, removable bolt-on rear light rock guards. CMVSS/FMVSS compliant rear impact guard.   |
| <b>Rear Doors</b>           | Swing type, .5" composite construction. Dual Durometer seals. Pre-painted white galvanized steel interior & exterior. (5) aluminum hinges and (1) galvanized steel zero-torque locking bar with rubber grip handle per door. Bolt-on door holdback bracket to attach holdback chain to bottom rail.  |
| <b>Front Lining</b>         | 1/8" thick DymondPly composite lining installed full height with internal front corner protectors. 7 GA x 12" high flat steel scuff painted gray.  |
| <b>Side Lining</b>          | Composite lining installed vertically between side posts. 3/16" x 18" tall composite scuff forward and aft of deep drop section with 24" tall powder-coated steel scuff located on each of the moving elevator platforms. Optional load-bar systems further increase capacities when used in conjunction with the Elevator™.   |

## ELEVATORS

|                          |  |
|--------------------------|--|
| <b>Platforms</b>         | (3) 93" wide x 49-3/4" long free spanning, welded steel platforms located in/above the drop section with an integral 3/16" steel diamond plate floor, powder-coated safety yellow. Integral latch system for each platform provides standard dynamic and static floor ratings when stowed/latched, while unstowed positions feature 5,000 lbs. of lifting/load capacity per platform. Integrated platform lifting points included at all four corners of each platform for easy serviceability.                          |
| <b>Power</b>             | Platform lifting and lowering powered with (4) synced 24V electric actuators, with integrated actuator overload/unbalanced load protection. Platform motion guided with adjustable integral roller system.   |
| <b>Controls / Safety</b> | Exterior master power switch located curb side. Interior sidewall mounted 24V control panel controls individual platform motion with individual lighted push buttons. Integrated sidewall multi-light warning system indicates a stowed or unstowed platform position, as well as platform-in-motion scenarios. Rear internal amber strobe light operates when the elevator system is powered and the rear motion sensor is activated, cautioning those entering or working around the trailer of its unique attributes. |

## LANDING GEAR

|                     |   |
|---------------------|---|
| <b>Landing Gear</b> | Jost #A451, 10-year warranty, two-speed, with low profile cushion foot sandshoes. Inboard mounted with (16) 5/8" diameter bolts to a drop-integrated formed steel mounting gusset with structural channel cross brace. Located 106" back from front. Painted roadside crank handle. |
|---------------------|---|

## RUNNING GEAR

|                        |  |
|------------------------|--|
| <b>Chambers</b>        | TSE 30/30 OmniBrake.   |
| <b>Brakes</b>          | WABCO "ABS" 2S/1M without external diagnostic cable.   |
| <b>Oil Seals</b>       | Stemco seals and caps with oil bath wheel bearing lubrication.   |
| <b>Wheels</b>          | 22.5" x 8.25" hub piloted steel disc painted white.  |
| <b>Tires</b>           | Cooper 295/75R22.5 SmartWay® certified low profile radial.   |
| <b>Mudflaps</b>        | White, Strick logo, mounted behind tires in conformance with all applicable regulations.   |
| <b>Hub &amp; Drums</b> | (10) stud hub piloted with outboard mounted cast drums.  |
| <b>Axles</b>           | 5.75" round with 16-1/2" x 7" "S" cam brakes. Quick change non-asbestos lining with 5.5" ArvinMeritor automatic slack adjusters. |
| <b>Suspension</b>      | Hendrickson 23K INTRAAX air ride suspension.   |

## FINISH

|                         |   |
|-------------------------|---|
| <b>Conspicuity Tape</b> | Conforms to FMVSS 108. Reflexite brand, located on bottom rails, rear doors and across rear impact guard cross tube.  |
| <b>VIN Tag</b>          | Strick's InfoScan™ VIN tag technology connects the operator directly to Strick's website for product and contact information to accelerate service response time and to increase customer vehicle operating time. |
| <b>Warranty</b>         | Limited five-year warranty. Contact us for details at 844-319-4537 or via e-mail at <a href="mailto:strickwarranty@stricktrailers.com">strickwarranty@stricktrailers.com</a> .                                    |

