

Great Dane

CLASSIC FREIGHT VAN



CLASSIC FREIGHT VAN

THE BEST TRAILER VALUE AVAILABLE.

ALL GREAT DANE FREIGHT VAN DESIGNS HAVE BEEN ENGINEERED TO MEET YOUR NEEDS. THESE DESIGNS WERE TESTED IN THE INDUSTRY'S MOST EXTENSIVE R&D LAB AND THEN ROAD PROVEN BEFORE IMPLEMENTATION. MANY QUALITY FEATURES THAT ARE STANDARD ON GREAT DANE VANS ARE COSTLY OPTIONS, OR POSSIBLY UNAVAILABLE ON OTHER MAKES. IT IS ONLY WHEN YOU COMPARE SPEC FOR SPEC THAT THE TRUE VALUE IS CLEAR.



TOP RAIL
Extruded aluminum top rail is engineered for superior strength.

SIDES
Pre-painted white aluminum panels.

BOTTOM RAIL
Extra-deep, high-strength extruded aluminum.

REAR FRAME
Rear frame posts are formed of high-strength steel.

PLYMETAL DOORS
Great Dane's Tri-Seal Gasket maximizes protection against moisture intrusion.

HINGES
Designed for high strength with rust-free extruded aluminum.

WELDED BUCKPLATE
Vertical steel protector guards provide rear impact and hinge protection.

ALUMINUM FREIGHT VANS

By adding your custom specs to the standard specs of a Great Dane Aluminum Freight Van, you get the most productive trailer on the road. You are assured a better return on your equipment investment with less downtime, higher resale or trade value and increased productivity.

Available in corrugated or flat sides, the aluminum sheets can be pre-painted with a bright, white finish or with your custom colors.



FRONT END STRENGTH

EXCEPTIONAL FRONT END STRENGTH IS PROVIDED BY SIX 2.5" DEEP HAT-SECTION STEEL POSTS WITH FLAT ALUMINUM FRONT PANELS RIVETED TO THE POSTS ON 2" CENTERS AT SHEET LAPS.

The 6" radius corners are thick aluminum for exceptional strength and protection against damage. Mirror-finish stainless steel front and corner panels are available. An extruded aluminum top rail extends across the top front and the corners to the side top rails. The 6" radius with plywood lining forms 90° internal corners which allow for maximum cargo loading.



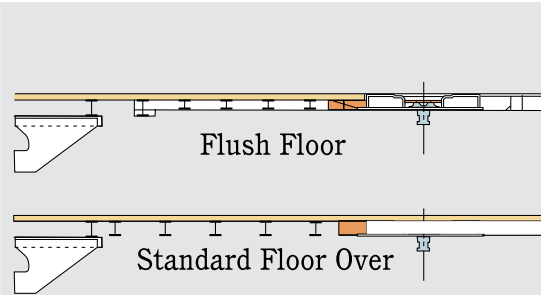
IMPACT PLATE

An extruded aluminum front impact plate, 10.5" high, wraps around the front of the trailer extending to the bottom side rail on each side. This provides full protection from external damage caused by tractor fifth wheels and never needs painting. Air and electrical connections can be recessed. As standard, they are mounted on the roadside.



SUPPORT GEAR

Great Dane's Fast Gear reduces the time to raise the lower legs by 60%. The mount distributes forces over five cross members. Each leg is strongly braced to the front, rear and sides to withstand the forces of picking up or dropping a loaded trailer. Shock-mounted sand shoes reduce forces in the bottom rails and crossmembers by as much as 50%. This unique design provides for the replacement of the rubber pads, if ever necessary.



HI-CUBE SPECS

A wedge design provides increased cubic capacity and as much as 7" of additional rear height and door vertical clearance. When the floor is installed flush with the top of a shallow upper coupler, a net gain of 1.5" inside height at the front is achieved. Combining a wedge and a floor flush with the upper coupler creates an increase in cube, inside height and rear door vertical clearance at a weight and cost that is acceptable.



UPPER COUPLER

A full-width approach plate, engineered to be one of the strongest available, allows tractor fifth-wheel access from almost any direction.



STAINLESS STEEL FREIGHT VANS

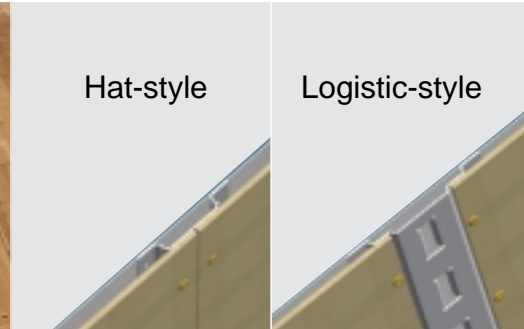
Stainless-steel exterior panels are lab-test proven to be up to 3.8 times more puncture resistant than aluminum. This inherent resistance to damage and the mirror finish significantly reduce maintenance costs and provide a lasting beauty during the extended life of the trailer. Easily replaceable panels make for cost effective repairs. Great Dane stainless vans have a proven higher residual value.



ROOF BOWS

**GALVANIZED STEEL, ANTI-SNAG
ROOF BOWS ARE ON 24" CENTERS
AND ARE PERMANENTLY BONDED
TO A ONE-PIECE ALUMINUM OR
FIBERGLASS ROOF SHEET.**

Pre-arched, constant-section roof bows are double-riveted to the top side rails. Optional aluminum bows are also available.



SCUFF BANDS

Great Dane offers you a wide variety in scuff bands, both in materials and heights. Whether laminated hardwood, roll-formed steel, extruded aluminum or a thermoplastic composite. Each scuff band is installed as one piece running the full trailer length. Available in a variety of heights, scuff bands can also be installed across doors and the front wall.

ROOF SHEET PROTECTION

Roof bows are permanently bonded to a one-piece .040" aluminum or .075" fiberglass roof sheet. The roof is stretched front to back, and closely riveted with a foam sealing tape between the roof sheet and top rail. Both are secured by an aluminum "J" molding. Then a liberal coating of neoprene sealant is applied and evenly coats the rivet heads.

FLOORING

Only the best laminated hardwood is selected for use as flooring in Great Dane freight vans. The standard floor thickness is 1.375". A full 1.5" thick flooring is also available. Pressure treating is available to further extend the life of the floor. As an option, extruded aluminum flooring is available in both standard and safety grip designs.

UPRIGHTS

Great Dane offers thin-wall, hat-style uprights as well as thin-wall, logistics-style uprights for cargo restraint. Both thin-wall uprights achieve 100" nominal inside width from lining to lining.



VARIABLE DROP DEPTHS
Measurements up to 17".

VARIABLE DROP LOCATIONS.

SMALLER TIRES
Used to achieve the larger amount of drop.

SHALLOW-DROP ELECTRONIC VANS

Great Dane's Electronic Vans are designed to meet your specific high cube hauling needs. These vans incorporate the same exceptional quality standards found in all Great Dane freight vans, along with features and options especially designed for high-capacity applications. Electronic vans offer variable drop depths up to 17" and have variable drop location options. The interior deck behind the drop is flat allowing for easy loading. Smaller tires are used to achieve the larger amount of drop. Multiple side-door locations and widths are available.



STURDY REAR FRAME

REAR FRAME POSTS ARE FORMED OF HIGH-STRENGTH STEEL.

The rear, side marker lights are recessed for protection. All stop, tail and turn lights, as well as door hardware are fully recessed within the rear frame. The rear posts have flanges running full height for superior stiffness and rack resistance. A roof gutter runs full width diverting water to the sides. Completed rear frames are shot blasted to remove all surface impurities prior to painting. This ensures a long-lasting finish.

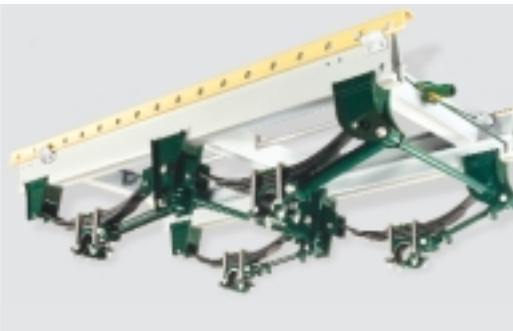


HINGES

Specially designed hinges are high-strength, rust-free extruded aluminum. They are completely recessed and fully protected within the flanges of the heavy-duty steel posts. The hinge design allows the doors to open fully to the sides. Five hinges per door provide strength and an exceptionally smooth door operation, especially on uneven terrain. Softer aluminum hinges become a "break-away" feature that often prevents costly damage to doors.

REAR IMPACT GUARD

The rear impact, horizontal guard is made of tubular steel and meets all federal requirements. A recessed area for conspicuity tape application protects the tape from abrasion.



SUSPENSION

Great Dane is standard on a ten stud, hub-piloted wheel end system. The suspension features heat treated saddle-mount spring seats, one-piece cast torque arms and hardened-steel wear pads. The slide is easily adjustable in six inch increments from 67" to 151". The manually operated locking mechanism, with the spring-assisted QWIK RELEASE®, allows the driver to safely adjust the tandem. Four spring-loaded locking pins secure the tandem position.



LOONGLIFE LIGHT SYSTEM

Standard on Great Dane Classic Freight Vans, the LongLife Light System is a maintenance-free, fully modular and sealed system. It is durable and combines the flexibility of a custom wiring system with the reliability and simplicity of a sealed harness.

PLYMETAL DOORS

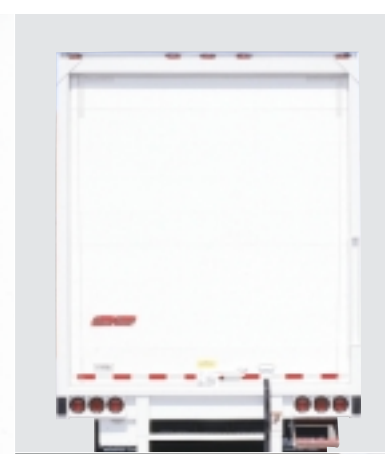
GREAT DANE'S PATENTED TRI-SEAL GASKET, WITH THREE FUNCTIONAL SEAL SURFACES, MAXIMIZES PROTECTION AGAINST MOISTURE INTRUSION.

The two auxiliary inner-gasket surfaces seal out moisture, even if the outer gasket is damaged. The perimeter molding (PVC) is integral with the gasket and is bonded to the door perimeter with a superior adhesive. With absolutely no metal fasteners, moisture intrusion into the plywood core has been eliminated. The gasket is guaranteed to never separate from the perimeter molding.



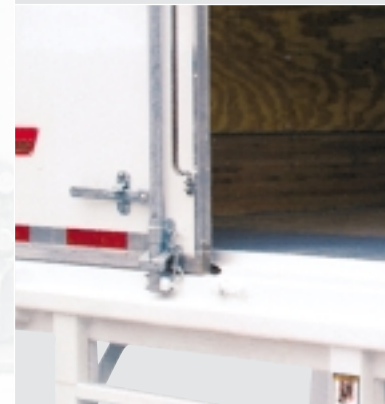
OPTIONS

A sturdy roll-up rear door frame, strongly reinforced, is available for unloading in limited space. Pintle hooks, rear ramps and many other options are also available.



ACCESS

Standard with roll-up doors is a retractable step and a grab handle integral with the rear post.



Standard with swing doors is a vertical grab handle on the road side rear door.



FRONT END STRENGTH

Exceptional front end strength is provided by six 2.5" deep hat-section steel posts with flat aluminum front panels riveted to the posts on 2" centers at sheet laps.

VARIABLE DROP DEPTHS

Measurements up to 30".

SIDE DOORS

Multiple side-door locations and widths are available.

AXLES

Tandem-axle and single-axle models allow hauling flexibility.

WHEEL WELLS

Allow for larger tires.

REAR DOORS

Roll-up and swing doors are available.



DEEP-DROP FURNITURE VANS

Furniture vans offer the most cubic capacity for your hauling needs. Standard designs offer variable drop depths of up to 30" with a variety of tire and leaf-spring or air-spring suspension options. Variable drop locations are available for different tractors. Double-deck logistic posts and/or cargo tracks provide optimal cargo restraint and placement.



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