



DuraPlate® HD Dry Vans

With DuraPlate Cell Core Technology



The Heavy-duty Dry Van with Best-in-Class Weight

Wabash National's DuraPlate HD dry van now features DuraPlate Cell Core Technology, our composite panel breakthrough that reduces trailer weight by 300 lbs. per 53' trailer. This trailer is designed to support your toughest load requirements with exceptional durability and maximum payload capacity.

They Don't Get Any Tougher Than This

- DuraPlate Cell Core sidewalls provide exceptional durability to minimize impact and abrasion damage.
- Rugged 22" high aluminum baseplate withstands abusive freight loading and unloading, and resists exterior sideswipe damage.
- 20,000 lb. floor rating for heavier payloads, high-cycle loading and unloading, and longer floor life.

DuraPlate Cell Core Technology

With our patent pending DuraPlate Cell Core technology, we answered the challenge to deliver a lighter-weight trailer with the same rugged performance you've come to expect from DuraPlate. Engineered cellular structures in the panel's core reduce weight without sacrificing strength or durability. Fleet-tested performance in high-cycle and high-use environments confirms: the new DuraPlate HD trailer stands up to extreme loading and unloading, all while hauling more per load, saving fuel and increasing revenue per mile.

DURAPLATE HD
CELL CORE

Specifications: DuraPlate HD Dry Vans

- General**
- Dimensions: 53' x 102-3/8" x 13'6"
 - Front interior height: 110-1/4"
 - Rear interior height: 111-1/4"
 - Interior width sidewall to sidewall: 101"
 - GVWR: 68,000 lb / 30,845 kg
 - GAWR: 20,000 lb / 9,072 kg
 - Manufactured in an ISO 9001:2015 registered facility

- Nose/Coupler**
- High-strength steel, 3-3/8" short can coupler
 - AAR-rated king pin with zinc anodes for corrosion protection
 - One-piece extruded aluminum header
 - .125" extruded aluminum, 5" radius front corner post
 - 6-post nose, two structural corner posts and four 80k steel hat posts mounted with steel bolts
 - Heavy-duty, 3/16" stainless steel lower nose rail

- Sidewalls**
- DuraPlate Cell Core composite panels with a limited 10-year warranty*, made in the U.S.A.
 - Flat DuraPlate seam with overlapped top rail
 - 14-gauge recessed logistic seam on 50" vertical centers
 - Integral A-slots punched on 4-1/2" centers rated at 1,880 lb working loads
 - 22" high extruded aluminum base rail in lower sidewall
 - Double shear rail connection

- Floor System**
- 20,000-lb dynamic load rating
 - Full, 1-3/8" thick laminated oak floorboards installed with three screws per board, per crossmember
 - 4" steel or aluminum crossmembers on 12" centers in bay, steel crossmembers over sub frame and landing gear, 8" centers in rear 2'
 - Steel bolted crossmember attachment with four 3/8", grade-5 bolts per crossmember clip

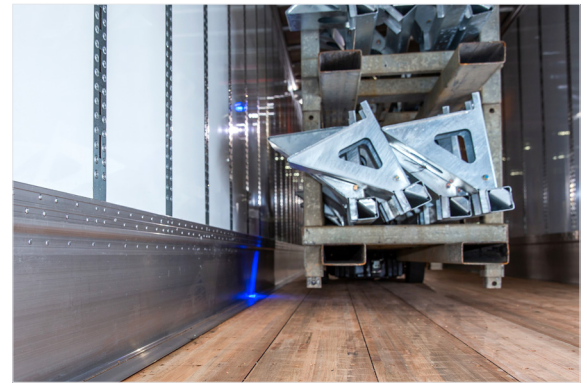
- Roof System**
- .040" aluminum roof sheet wrapped over top rail edge
 - Anti-snag roof bows mounted on 24" centers

- Rear Frame**
- Hot-dipped galvanized
 - Rear impact guard with outboard vertical bumper legs meets or exceeds U.S. DOT and Transport Canada requirements
 - 5/16" steel base plate in rear sill with 1/2" post protection
 - Eyebrow and vertical light protection
 - Rear header with integral gutter
 - DuraPlate composite swing doors, aluminum 4-hole hinge, five hinges per door
 - TrustLock Plus® System¹ with lower sill mounted hardware and a lock rod with integral door holdback, 1 per door

- Suspension**
- Mechanical or air suspension
 - Parallel "P" spindle wheel ends
 - Long-life brake linings
 - White powder-coated lightweight steel wheels, low rolling resistant tires
 - Intercostal crossmember bracing over landing gear
 - Galvanized steel, one-piece landing gear support and galvanized K-brace

- Lights/ Electrical**
- All LED lights
 - EZ-7® modular 7-way² with Wabash National 3.0 sealed harness

- Options**
- Standard DuraPlate sidewalls
 - DuraPlate nose, riveted or bonded
 - DuraPlate nose liner
 - Flush Mount Intermediate Logistics³ available on 16.6" and 25" centers
 - 30% offset 4-post rear impact guard⁴
 - Floor packages in laminated oak, aluminum, composite and combination kits
 - Additional floor systems available in 24,000 lb and 24,000 lb high cycle dynamic load ratings
 - Painted or stainless steel rear frames and rear impact guard
 - Multiple axle configurations
 - Multiple aerodynamic options, including Wabash National DuraPlate AeroSkirt^{5,6}, other brands of trailer skirts available
 - Scuff liners available in wood, steel, aluminum and plastic in various heights
 - Tire pressure monitoring systems and tire inflation systems
 - Upper ID/AUX stop light system⁶
 - Vertical and horizontal interior logistics, riveted or bonded⁷
 - Wide base tires
 - Overhead door options, including Wabash exclusive, 110" opening MaxClearance^{8,9} door with external EZ-Adjust⁸ balance mechanism
 - Extended 7-Year wheel end warranty available



*See the Wabash National Standard Limited Warranty for details on the 10-year limited warranty provided for sidewalls produced by Wabash National after 2005.

Base specifications are accurate at the time of publication, and are subject to change without notice. Custom options are available; please consult your Wabash National representative for additional information. ©2020 Wabash National, L.P. All rights reserved. All marks are property of Wabash National, L.P. or their respective owners.

¹U.S. Patent Nos. 8,231,150; 8,720,957 2U.S. Patent No. 6,450,833 3U.S. Patent Nos. 7,588,286; 7,762,618; 7,931,328 ⁴U.S. Patent Nos. 9,566,923; 10,053,037; 10,035,483 and U.S. Patent Application Publication Nos. 2018/0354439; 2018/0334122 ⁵U.S. Patent Nos. 8,177,286; 8,398,150; 8,579,359 ⁶U.S. Patent Nos. 8,653,957; 9,649,975 ⁷U.S. Patent Nos. 8,016,527; 8,506,221 ⁸U.S. Patent No. 9,296,280 and U.S. Patent Application Publication Nos. 2016/0168895; 2018/0171692

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