

PLATFORM / DROP DECK



FREEDOM SERIES



Great Dane

www.greatdanetrailers.com

Great Dane is a Division of Great Dane Limited Partnership • Great Dane and the oval are registered trademarks of Great Dane Limited Partnership.

590 DMD 0309



Great Dane

FREEDOM PLATFORM



Designed from the road up, the Great Dane FREEDOM platform trailer offers a competitive weight and price with a long list of valuable options.

FREEDOM DROP DECK

*Lightweight, low maintenance, and a lasting appearance
—We've gone to great lengths to make sure the FREEDOM
is the most outstanding value in its class.*



The FREEDOM combines versatility and innovation with strength and durability to meet the needs of today's platform trailer user.

FREEDOM platforms are available in two popular specs:

- **12" Crossmember Spacing**
For extra strength needed in forklift operations
- **16" Crossmember Spacing**
For heavy-load hauling where trailer weight must be kept at a minimum

FREEDOM

Giving you the freedom to own the very best

① Front End Construction

At 102" wide, the steel front end features reinforcements for rated bulkheads. Marker lights are partially recessed in a steel diagonal front corner for added protection. Air and electrical connections are protected within the perimeter of the front five stake pockets. The .25" mainbeam plate tapers up for easy pick up and dropping of a loaded trailer.

Platform: Standard with a 48-inch coupler height and a 30-inch king pin location.

Drop Deck: Standard with a 48-inch coupler height and an 18-inch king pin location. Standard drop depth of upper deck is 20 inches with a standard deck height of 40 inches.

② Support Gear

Premium support gear features a cushion-foot sand shoe with replaceable pads, which absorb shock reducing vertical stresses by as much as 50 percent.

③ Side Rails

Heavy-duty extruded aluminum side rails feature a full length built-in winch track on both road and curbside that is compatible with most double-L sliding winches and offers the provision for a flat hook attachment ledge. Ten powder-coated winches come standard on the roadside.

④ Rub Rail

A 3" aluminum rub rail protects the sides of the trailer from scrapes and hard bumps. Rub rails are mounted to the stake pockets and are further reinforced with pipe spool spacers between the stake pockets.

⑤ Crossmember Spacing

Four-inch deep aluminum or steel crossmembers are standard on 16" centers front to rear. An available coil package consisting of extra crossmembers between the mainbeams in the coil area provides additional support. Crossmember spacing on 12" centers is available for additional strength. Crossmembers pass through the steel mainbeams and are fastened securely.

⑥ Crossmember Attachment

Crossmember attachment clips are used to fasten the crossmembers to the main beam in lieu of welding to prevent common stress cracking from twisting. This innovative design gives improved fatigue life for long-lasting service.

⑦ Outriggers

Two-inch square heavy-duty outriggers transfer load weight from the side rails to the lower main beams and are securely attached with specially designed fasteners.

⑧ Reinforcement of High Stress Areas

Drop Deck: Reinforcing doubler plates in critical stress areas like crossmember punches and upper to lower transition area, along with reinforcing gussets in the suspension area designed especially for widespread configurations, increase durability and help to eliminate cracking.

⑨ Suspension

Hendrickson INTRAAX air-ride suspension with 121-inch axle centers is reinforced to prevent the front axle from cracking due to side stresses.

⑩ Tires and Wheels

Platform: 12" crossmember spacing spec comes standard with 285/75R24.5 Bridgestone R-196 tires and 24.5 x 8.25 PPW disc wheels.

16" crossmember spacing spec comes standard with 295/75 22.5R Bridgestone R-196 tires and 22.5 x 8.25 PPW disc wheels

Drop Deck: Standard with 255/70R22.5 Bridgestone R-250 tires and 22.5 x 8.25 PPW disc wheels.

⑪ Lighting System

Standard lighting package features L.E.D. lamps for improved visibility and longer life along with the Grote Long Life Light System, a maintenance-free, fully modular and sealed system backed by a 10-year warranty. This system is durable and combines the flexibility of a custom wiring system with the reliability and simplicity of a sealed harness.

⑫ Flooring

Platform: A 1.25" aluminum floor with 4 apitong nail strips adds versatility for load securement. Twelve pair of pull-up chain ties are recessed in the floor to secure loads. Double pipe spools and stake pockets on 24-inch centers are standard.

Drop Deck: 1.25" aluminum floor with apitong nail strips adds versatility for load securement while reducing overall weight. Floor pans are located above the tires to allow for maximum tire clearance.

⑬ Paint

All steel components are shot blasted prior to application of two-part epoxy primer with Black urethane topcoat to ensure superior adhesion, protection, and corrosion resistance.

⑭ Rear End Construction

Rear end construction features a standard carbon steel rear impact guard with an extruded aluminum rear crossmember for weight savings and reduced maintenance costs. Five rear stake pockets are recessed within the rear crossmember for impact protection. Heavy-duty tubular rear corners have full-depth bumper blocks for additional protection against dock impact.

All rear lights are shock mounted and recessed for maximum protection. The back of the light fixtures and connections is fully enclosed and protected.