



*Advantage*TM

**Series
Hydraulic
Detachable
Gooseneck Trailer**



*Advantage*TM

SERIES

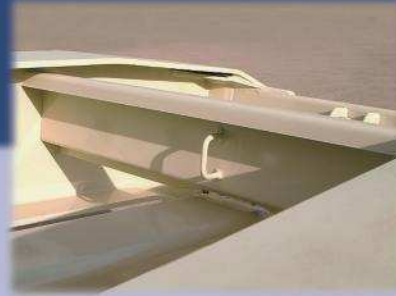
Advantage™

Series Hydraulic Detachable Gooseneck Trailer



Front Access Panel

The front access panel offers quick, easy access for connecting hydraulic, air and electrical lines. The panel may be opened for internal maintenance or repair simply by loosening four bolts.



Gooseneck Crossmember

Gooseneck crossmembers feature a formed, one-piece design, offering greater flexibility and reduced risk of cracking.



Safety Lock

When the gooseneck cylinder doors are closed in the transit position, a safety pin automatically locks the main pin in place so that it cannot jump out of the pin hole and accidentally disconnect the trailer.



Four-Beam Deck Design

The four-beam deck design can accommodate a wide range of loads, whether the weight is concentrated on the outside edges or in the middle of the trailer. The lightweight strength of Trail King's four-beam design also means you haul less trailer, more payload.



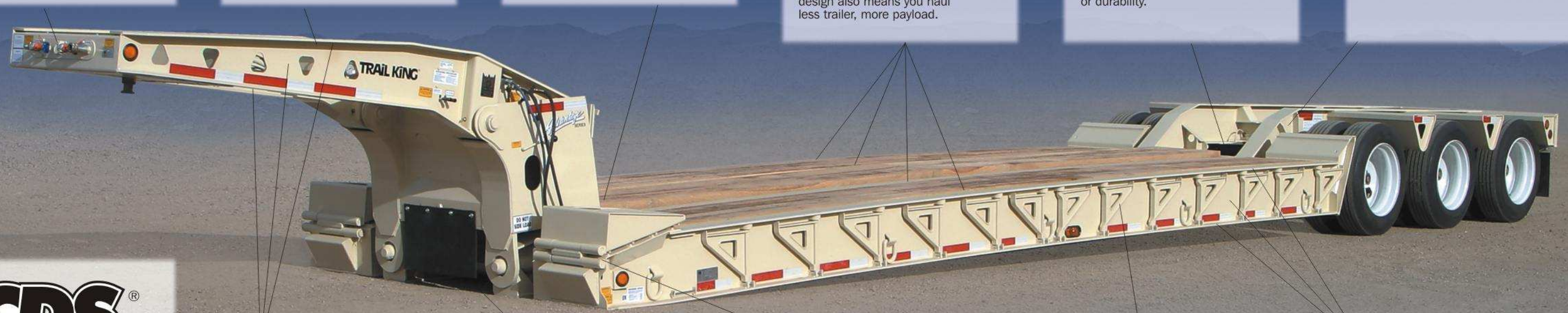
No Front Crossmember

The center I-beam webs are thicker and reinforced in the wheel area so that the front crossmember can be eliminated to accommodate excavators and boom-type equipment without sacrificing strength or durability.



Wheel Area

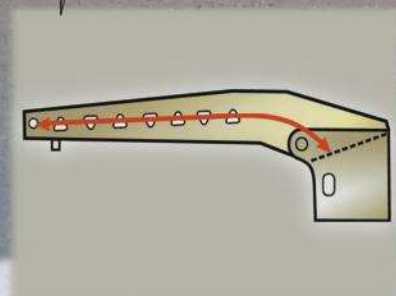
To prevent cracking and provide extra strength in the wheel area, the I-beam is reinforced with two full-depth braces and a half-moon gusset.



Flow-Line Manufacturing Technology

Trail King has implemented CDS Flow-Line, an advanced manufacturing process that significantly increases production efficiency. The result is the Advantage Series of trailers – such as the Advantage HDG – loaded with all the features you need, but delivered to you at lower prices and shorter delivery times than ever before.

The Advantage Series HDG... Great trailer. Perfect name.



One-Piece Web and Flanges

The I-beam web, top flange, and bottom flange all feature one-piece construction from the front through the bend to the back of the gooseneck. This provides exceptional strength and durability, eliminating brittle points and cracking associated with spliced designs.



V-Shaped Guide

The v-shaped guide directs the gooseneck into position during hook-up, making the whole process a quick, easy one-man operation. The guide rim above the pin hole further prevents the main pin from jumping loose during transit.



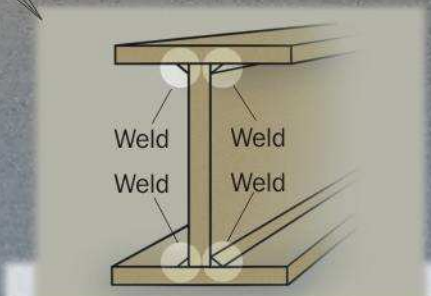
Double-Hinged Ramp and Support Ledge

Loading ramps are double-hinged and reinforced with a support ledge for added strength. Because both hinges rest on the ledge, even heavy track-type equipment can be loaded without risk of "peeling off" the loading ramp.



Outrigger Construction

I-beam style outriggers are mounted on the top and bottom flange and span the entire width of the side beam for optimum strength and support. Removable pins allow outriggers to swing freely for easy positioning, cleaning, and maintenance.



One-Piece Construction

Trail King I-beams are constructed of one-piece web and flange material and welded on all four sides to seal and protect the seams from rust. Then the entire trailer is primed and painted with a two-component polyurethane primer and paint before decking is installed for complete protection from the elements – even in places you can't see.



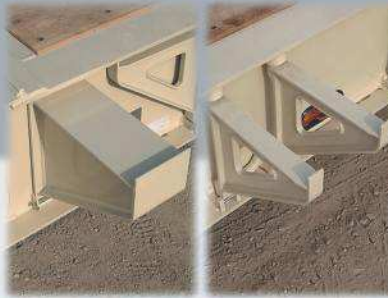
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Options:



Booster

The booster's one-piece I-beam design and reduced number of components offers greater strength, reduced maintenance, and rugged durability.



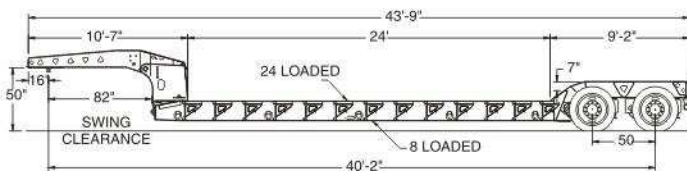
Double-wide Front Outriggers

The double front outrigger provides extra strength at the critical pivot point where the weight is concentrated during the loading process. Close-set outriggers at mid-deck provide support for the ends of the planks so they don't tip up when the load rolls over them.

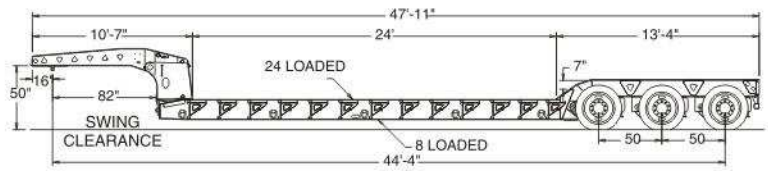


Flip Axle

Simplicity of design allows flip axles to be hooked up and unhooked easily.



TK70HDG



TK110HDG

Standard Equipment

22,500 lb. axles
16 1/2" x 7" air brakes
*Anti-lock brake system
8.25 x 22.5 disc wheels
Outboard 10-hole pilot mount
255/70R 22.5 16PR radial tires (H)
Oil seals
Air ride suspension
10' 7" gooseneck with 82" swing clearance
16" kingpin setting
Patented hydraulic self-lifting detachable gooseneck (has ability to lift above or below transport positions)

Hydraulic gooseneck support arm
Patented air-activated, self-locking pin on gooseneck (positive lock)
Gooseneck does not require ground bearing pads for lifting
Front bolster
1/2" x 5" outside top flanges
1 1/2" oak decking (raised) (NET)
4-beam main frame construction
Automatic slack adjusters
10" I-beam crossmembers on 24" centers
100,000/80,000 PSI yield strength steel construction

Swing-out outriggers with planks
10 D-rings
102" overall deck width
24" loaded deck height
50" loaded 5th wheel height
Mid-turn signal/clearance light
Rubber mounted sealed lights and sealed harness system
Electrical system per DOT regulations
7-pole electrical socket
Mud flaps
Red & white conspicuity markings
Color: Trail King 2-part polyurethane

Distributed by:

*To meet 1997 federal requirements, Trail King offers two variations of the anti-lock braking system. The minimum 2S1M system is available, but Trail King recommends the 4S2M system.

All specifications are subject to change without notice. Trailers pictured in this brochure may feature optional equipment.



A CARLISLE Company



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