



Transcraft[®]

Hybrid Drop Deck Trailers

American-Made Versatility



Sharpen your focus on the bottom line with the Transcraft hybrid trailer. As one of the first hybrid platforms in the industry, this drop deck is known for its rugged dependability and high payload capacity. In addition, this trailer can be configured to meet your specific requirements.

Superior Design. Maximum Payload.

The main beam design comes with a limited lifetime warranty and provides a stronger web to flange attachment for long-life performance. Potential corrosion is eliminated between the flange and web by welding the high tensile steel at all flange-web joints.

Lower Maintenance. Increased Uptime.

The interlocking, four nailer, apitong and aluminum floor system connects using two grade-8 floor screws at each crossmember. The double shear connection reduces racking and damage to nailers around the

screw holes. In addition, the radius edges on the “C” section siderail reduce the wear of winch straps, while the aluminum rub rail with recessed grooves protects conspicuity tape.

Better Highway Visibility.

The enhanced visibility lighting system offers three stop/tail/turn lights and five dual-function side marker lights. The side marker lights also function as turn signals for improved motorist visibility.

Premium Paint. Superior Corrosion Resistance.

100% of steel surfaces are shot blasted prior to applying primer and paint, eliminating the need for chemical pretreatments. From the ultra high-zinc, epoxy primer and galvanic coating, to the automotive grade acrylic urethane paint, this trailer is made to resist corrosion and increase resale value.



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Hybrid Drop Deck Trailers

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General

- Length: 45' - 53'
- Width: 96" and 102"
- Upper Deck: 10' or 11'

Beam Rating(s)

- 554: 55,000 lb in 4' / 60,000 lb in 10' / 80,000 lb over lower deck
- 804: 80,000 lb in 4' / 85,000 lb in 10' / 94,000 lb over lower deck

Est. Base Weight(s)

- 554: 10,314 lb / 4,688 kg
- 804: 11,274 lb / 5,125 kg

Main Beam Design

- Main beam flange and web fully welded at all flange-web joints
- High-strength 50,000-PSI steel web
- Web to flange attached by 100% automated continuous weld
- Heat-treated, high-strength steel flanges rated at 130,000 PSI
- Cross braces on 24" centers and knee braces on nominal 48" centers
- Lifetime main beam warranty

Front End Design

- Bright finish, fabricated aluminum front crossmember
- Center mount glad hands, 7-way on removable access panel
- 1/4" steel coupler plate tested to SAE J133 performance criteria

Rear End Design

- Three rear stake pockets integral to rear plate
- Horizontal bumper end caps for corrosion protection
- Rubber dock bumpers mounted vertically with three bolts
- Bumper assemblies are United States Department of Transportation (DOT) and Transport Canada compliant

Siderail Design

- 6061-T6 extruded aluminum siderail
- Radius edges and extruded aluminum rub rail with recessed groove
- Extruded aluminum stake pockets on 24" centers
- Large diameter double pipe spools

Crossmember Design and Floor System

- 80K high tensile 4" steel "I" beam crossmembers on 12" centers
- Mylar gaskets installed between aluminum and steel components

- Maximum strength, interlocking combination aluminum and wood floor boards
- Eight 1-1/8" thick aluminum floorboards installed with two inner and outer apitong nailers and two grade-8 screws per crossmember
- Vertical weld on both sides of siderail to crossmember connection
- Optional 5" aluminum crossmembers on 12" centers available

Undercarriage

- Widespread K-bracing and angular gussets
- Suspension support gussets with triangular truss design
- Air suspension rated at 23,000 lb per axle
- 121" tandem widespread axle setting
- Axle alignment, large bearings, parallel "P" spindle wheel ends

Electrical Wiring / Lights

- Air and electrical accessible through removable aluminum front plate
- Below deck air and wire routing
- Enhanced visibility lighting system, LED lights, five side marker lights per side, dual function lights correspond with turn signals
- Anti-lock brake system (ABS)

Preparation / Finishes

- 100% shot blasted prior to assembly, no chemical pretreatment required
- Automotive grade paint system with ultra high-zinc epoxy primer and galvanic-coated prior to trailer assembly
- Steel surfaces painted prior to assembly with automotive grade acrylic urethane paint

Popular Options

- Additional air and electric configurations
- Additional aluminum components
- Specialized coil and floor packages
- Alternate crossmember spacing
- Beaver tail with level deck dampers
- Customized bumper filler plates
- Extendable drop deck
- Factory installed bulkheads
- Lightweight package
- Low deck option
- Multiple axle configurations, sliding suspensions and lift axles
- Multiple accessories, freight securement and storage options
- Weight reduction holes

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ORDERING INFORMATION

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