

HALE

TRAILER

BRAKE & WHEEL



A023375-A023389
VINS: 531201-531215



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GVWR

GVWR:	Trailer to meet 68,000 Pound GVWR
* VIN PLATE:	Canadian/Transport Canada Compliant - VIN Plate to Read in English and French, Pounds and Kilograms
* Product Type:	HT Thermotech-Truck Load w/Roll Up Door
Product Class:	HT Thermotech TL

GEOMETRY

Length - Exterior:	53'-0"
** Length - Interior:	52'-0"
Width - Exterior:	102.36"
** Width - Interior:	97.4"
Height - Exterior:	13'-6"
** Height - Interior:	103.5" Front
Deck Height:	Standard application
Fifth Wheel Height:	47"
King Pin Location:	36"
Landing Gear Location:	105" from King Pin (+ 1"/-1/4")

Rev.B

TIRES & WHEELS

Tire Furnished:	Factory Furnished
* Tire Manufacturer:	Hankook TL21(G), Low Rolling Resistance Tire
Tire Size:	295/75R22.5
Wheel Furnish:	Factory Furnished
Wheel Material:	All Steel Wheel
Wheel Manufacturer:	HT Standard (TCC 361)
Wheel Size:	8.25 x 22.5, 5-Hand Hole (Steel, Inner & Outer)
Wheel Finish for Steel:	Powder Coated White Steel Disc
Tire Stem Valve Position:	Dual Wheel Steel / Aluminum / Combo (STD 180°outboard & straight inboard)
Wheel Finish for Aluminum:	None (Due to All Steel Wheel Application)
Valve Stem & Cap:	Valve Stem & Metal Dome Cap

UPPER COUPLER

Upper Coupler-Reefer:	4.00" deep, Floor Over Coupler and Running to Front, Bolting Type
* Approach Plate:	5/16" thick 50,000 Lbs. Yield - 8 Support Channels, Additional Reinforcement Channels for Jackknifing hooking.
* King Pin (BTM Main) Plate:	5/16" thick 50,000 Lb Yield
King Pin & Manufacturer:	Standard (Jost) AAR Cruciform King Pin
Front Bottom Rail:	Stainless Steel & Stainless Steel Wrap-Around Impact Guard Striker Angle

BODY/BASE

* Forward Crossmember:	4" Steel Hat Shaped Members Upper Coupler to Landing Gear : 12" C/L (Nom.)
* Landing Gear Crossmember:	4" Steel I-Beams (80,000 PSI) : 8" C/L (6" On Forward Edge : 7ea)
Bay Area Crossmember:	5.5" Extruded Aluminum I-Beams : 12" C/L
Running Gear Crossmember:	4" Steel I-Beams (80,000 PSI) : 12" C/L with 8" C/L Last 4' (For Reefer Van only)
Slider Body Rail (RV):	204" Rail Length
Slider Rail Supplier:	Hutchens Slider Rails
Slider Rail Duty:	Standard Duty
Slider Rail Hole Space & Dia.:	4" increments holes with large diameter holes (Hutch & Binkley)

Rev.B

** Tire Protect Plate: Front- None/ Rear-12 GA Galv steel x22" x length to cover entire running gear area (Snap in Type) Rev.B

* Tire Protect Install: Behind Upper Coupler & Tandem Area at Both Side

* Fuel Tank Location: None, Prepare with fuel line conduit thru landing gear, forward & UC

FLOOR

Floor- Assembly Method: Aluminum Floor Assembly with Weld (MIG). Seams to be Continuously / Uniformly Weld

* Floor-Detail Spec. - RV: 1.34" Extruded Aluminum (6061-T6) NW Flat Floor

Floor-Surface Spec. - RV: Ridged Floor Surface with Safety Grip (Knurled)

* Rear Gutter & Trough: Flush w/ Top of Floor (Mig) & w/o Trough -> Floor Plank will be extended to rear gutter (FLAT & DIARY TYPE STD)

Floor Ratings - RV: 18,000lb Rated Floor

Floor Drain - RV: (4) Drains w/ Kazoo

Floor Filler Mat'l: I-Filler (Ridge PVC)

Floor Inserts -RV: Extruded Aluminum (STD)

FRONT

Front Corner Radius: 6" Extruded Aluminum STD Duty Post (RV)

Front Panel & Color - RV: 0.04" Aluminum Prepainted White w/ Aluminum Insert

* Corner Radius Insert - RV: 0.035" Stainless Steel

Front Posts: (4) Posts - (2) 3.15" Deep Steel Hats / (2) AL "Z" Post

Gladhands: Phillips Qwik-E with Filters Control Line Only. Overlaid(Back open)+ aluminum plate

Front Receptacle(7-Way): Phillips 7-Way w/ 3" Deep, No Circuit Breaker (HT Reefer STD)

Gladhand/7-Way Location: Overlaid on Lower Roadside Front

* Corner Radius Protector: (2) 0.125" X 12" SMOOTH Alum Each Side at Top

Reefer Unit Front Frame: Brace for type "A" (Large Opening)

RV-VAN ITEM

* Reefer Unit Manufacturer: Reefer Unit to be determined later

Reefer Unit Type: Single-Temperature Type

* Reefer Unit Spec.: Reefer Unit to be determined later

* Reefer Unit Furnish: Prep only for future installation after delivery

* Reefer Unit Install: Customer or Other Install. Cut & Seal Hatch w/ Plywood for Shipment

* Reefer Commissioning: Commission unit at Others

SIDE

Side Material: 0.04" Aluminum Prepainted White w/ natural color rivets

Side Posts: 1.0" Deep Extruded Aluminum "Z" Post (STD)

Side Post Centers: 24" C/L with 12" C/L @ Upper Coupler and Support Gear

Side Top Rail: Standard Side Top Rail for Thermotech

Side Bottom Rail: Side Bottom Rail for Reefer 5.5" High Bay Crossmember - TL Thermotech

* Side Rub Rail: (1) Alum Exterior Rub Rail (E15-032 One 1-1/8" Tear Drip) on Each Side-Total 2. No Higher than 6" above Bottom Rail. Rev.B

Fasteners to Bottom Rail: Standard Rivets to attach C/Members to the Side Bottom Rail

REAR

* Rear Frame: Roll-Up Door Reefer Rear Frame

* Rear Door Opening Spec.: Roll Up Door - HT Standard Reefer Door Opening Application

Corner Post Feature: Standard

Door Sill Level (RV): Door to Flush with Floor (HT STD)

Door Sill Feature: Standard

Door Header Feature: Standard

* Door Type (RV): Whiting Roll Up Door - Cold Saver III, 2" thick with 1184HD-1 Door Hold Open Device

* Door-Outer Cover (RV): Roll Up Door-Manufacturer's Specification-See Roll Up Door Spec.

* Door-Inner Lining (RV): Roll Up Door-As per Door Manufacturer's Standard Application

Option - Door Install Instruct (RV): Standard Door Installation Per Manufacturer's Recommendation

* Option - Door Hold Back (RV): None (Roll Up Door)

Rear Underride Guard: 4" Tube Bolt on Assembly w/ Welded Perforated(Pooched) Horizontal. Rear Impact Guard (RIG30-NEW)

Option - Horiz Member/Other: One piece roll formed w/continuous welding
 Underide Bolt Spec.: Stainless steel bolts & nuts - Optional
 * Dock Bumper: Pair 3" X 6" Mold Bolted Bumper
 * Rubber Bumper Location: Outboard of Light As Close to Edge As Possible
 * Track Protector: 12Ga x 36" High Galvanized Steel Roll-Up Door Track Protector

LIFT GATE

ROOF

* Roof Panel: 0.032" One Piece Corrugated Aluminum
 Roof Bow: 1" Extruded Aluminum
 Roof Bow Centers: 32" Centers Full Length

LINING/SCUFF

Side Lining - Reefer: Polar X Pp050 0.043"
 Front Lining - Reefer: Polar X PP050 0.043"
 Roof Lining - Reefer: Polar X PP050 0.043"
 Sub-Floor: Polar X Pp030 0.023"
 Side Scuff Mt'g Method: Recessed (STD)
 * Side Scuff for Reefer: 16" High Extruded Aluminum
 * Logistic Track for Reefer: (2) Row of "E" Track, Galvanized, Both Side
 * Logistic Track Mt'g Method: Overlaid (Horizontal)
 * Logistic Track Locate: Located at 30" & 60" Floor to Centerline of Track

URETHANE INSULATION

Front Insulation: Front Insulation - 4" Polyurethane
 Side Insulation: Side Insulation - 2" Polyurethane
 * Roof Insulation: Roof Insulation - 3" Polyurethane
 * Floor Insulation: Floor Insulation - 3" Polyurethane
 * Door Insulation: Roll Up Door-See Manufacturer's Door specification

Rev.B

Rev.B

LANDING GEAR

L/Gear Spec.: Jost HT421.G3.17.157 5 Year Warranty Full HDG
 L/Gear Mt'g Method: Inboard Mounting (Standard)
 L/Gear Shoes: 10" X 10" RCF (Removable Cushion Foot) Low Profile
 L/Gear Ground Clearance: Nom. 12" Ground Clearance
 L/Gear Mt'g Bracket: Hot Dip Galvanized Large Wing Plate
 L/Gear Crank Handle: Roadside
 L/Gear Options: None (HT STD)
 L/Gear Cross Brace Design: HT Standard Cross Brace attachment Design

RUNNING GEAR

Bogie Type: Sliding Tandem(2) Axle Bogie
 Axle Spacing: 49" Axle Spacing
 Axle ABS System: Tandem Axle w/2S1M ABS System
 Bogie & Axle Location: Location to be Sliding Tandem Axle for specified slider Length w/Stop Bars @ Front & Rear
 Option-Related Bogie Stopper Feature: STD plug stopper
 Susp. Manufacturer: Hendrickson
 Suspension Capacity: Standard Duty
 Hendrickson Susp. Specification: Hendrickson Vantraxx HKANT40K Air Ride
 Surelok (Anti-Dock): Surelok (Anti-Dock) Installed
 Locking Pin Mechanism: Air-Assist Pin Puller or Quik Draw
 Susp. Sub-Frame: Hendrickson K-2 STD Duty (Vantraxx, Intraxx)
 Type of Susp Spring: Air Bag
 Spring Specification: Air Bag
 * Axle Diameter: 5.75"
 Axle Supplier: Hendrickson
 Axle-General Spec.: Axle - Tandem (2) Axle included in Suspension (For 2S1M or 2S2M System)

Axle-Track Length: 77-1/2"
 * Axle-Spindle Type: Parallel Spindle
 Brake Lining Size: 16.5" X 7"
 Brake Lining Spec.: Hendrickson Extended Service (Abex-3030-197)
 Brake Control System: 2S/1M Wabco ABS
 Spring Brake Control: Sealco 110500 Springbrake Priority
 Brake Cont-Hose & etc...: Standard Air Line & Hose Application (US&Canada)
 * Slack Adjuster Spec.: Wabco Auto-5.5", 28 Spline EasyFit (No Grease)
 * Brake Chamber Spec.: Wabco Premium Chamber
 * Stroke Length: 3" Long Stroke Length
 Hub Specification: HT Standard (KIC) 10 Stud Hub Piloted Outboard Iron Hub
 Drum Specification: HT Standard (KIC) Cast Drum
 Hub/Drum-Opt(Nut&Other): Standard
 Bearing Specification: Stemco
 Lubrication Spec.: Chev Delo Gear EP5 80-90 oil
 * Wheel Seals Spec.: Stemco Discover Seals, Hub Cap included in tire inflation system, Pro-Torq Nut
 * Tire Inflation Spec.: Hendrickson Tire Maax Inflation System for Undressed Axle (This kit include
 Hendrickson Hub Cap for TireMaax)
 Tire Inflation Pressure: 100 PSI
 * Tire Inflation Lamp Location: Indicator PSI Light at Roadside Mounted over corner radius. (STD location)
 * Tire Inflation Lamp Spec.: 33 Series Lamp

ELECTRICAL

* Harness-General Spec.: Molded Color Code Grote Harness Oval molds with front terminal rings
 Harness-Special Feature: Manufacturer's Standard Feature
 * Front Light: (4) Trucklite 33275Y LED PC Rated Mounted with Grommet (2-Front & 2-Side)
 * Rear ID Header Light: (5) Trucklite 33275R LED (Cluster of 3 & 1 Each Outboard)
 Rear Side Marker Type(Shape): Mini Button Style Lamp with Antitheft Bracket
 * Rear Side Marker Detail Spec: (2) Trucklite 33275R LED PC Rated Flush w/ Grommet 33725 w/ anti-theft hardware
 Rear Side Marker MT'G Location: Mounted on Standard Location on Rear Corner Post - HT STD
 * S/T/Tail Light-Quantity & Type: (6) Trucklite 40 or 44 Series (Round Style) or Equivalent
 * S/T/Tail Light-Detail Spec: (6) Trucklite 44334R LED Mounted w/ SUS Base Rings Anti Theft
 Main Mid-Turn Light: Install the Mid turn lamp
 Mid-Turn Mounting Method: Mounting Bracket
 * Main Mid-Turn Light-Detail Spec: (2) Trucklite 60420Y LED Flange Mounted with Stainless Steel Rivets
 * ABS Light Detail Spec: (1) Trucklite 33275Y LED PC Rated w/ Grommet 33725 w/ anti-theft hardware
 ABS Light MT'G Location: Mounted on Standard Location on Rear Corner Post - HT STD
 * License Light: (1) Trucklite 33210C LED with 33815 Anti-Theft Flange
 * Option Related Lamps/Harness: Additional Trucklite 33 LED series Marker Lights. (3) Each Side Top Rail & (2) Each
 Side Bottom Rail Top and Bottom rail lights to match up (Center Combination to match
 up with center top rail lamp)
 Comment: Top and Bottom rail lights to match up (Center Combination to match up with center
 top rail lamp)
 Electrical Related Regulation: Standard Application

MARKING/DECALS

HT & Product Type Decal Package: Hyundai Logo & Product Type Decals Application(For not having pre-painted white
 panels for side/door/front, Apply white HT Corporate decals)
 Decal Package: Factory Furnished Hyundai Information & Regulatory Decal Package with FMCSA Specified
 in Notes
 Decal Opt 2-Decal Location: Standard Application
 Decal Opt 3-Decal Installation: Standard Application
 Decal Opt 5-Decal Location-reefer: Standard Application
 Decal Opt 6-Decal Installation-reefer: Standard Application
 Conspicuity Vendor: 3M
 Conspicuity Markings: Hyundai Standard Conspicuity with Logo Applied to Side Bottom Rail

License Plate: Temporary For Delivery. Fasten on SUS Mounting Plate
License Plate Brk't Install: Standard Install Location - Roadside Below Door Sill
Furnish Document Holder: Factory Furnished
Document Holder Detail Spec: (1) Phillips 16-802
Document Holder/Manifest Loc.: Overlaid on Lower R/S Front
* Vent Door Specification: (1) Bottom Hinged Swing type Vent Door
* Vent Door Location: Upper R/S (LH) Front
* Vent Door Step & Handle: (2) Folding Access Steps & Grab Handle (One Side)

PAIN/FINISH

Upper Coupler Finish: Stainless Steel-Forward Section w/ Black Undercoating inside of Upper Coupler
Crossmembers Finish: HDG : ALL Steel Crossmembers including Hat C/M, L/G & Bogie Area (Except any Aluminum)
* Axle & Components Finish: Black Undercoating
* Susp. Sub-Frame Finish: Black Undercoating
L/Gear(K-Bracing) Finish: Hot Dip Galvanized
L/Gear(Upper Leg) Finish: Hot Dip Galvanized
Rear Frame-Finish: Stainless Steel
Rear Frame-Paint Color: None (For Galvanized or Stainless Steel)
Rear Underride-Finish & Spec.: Hot Dip Galvanized
Rear Underride-Paint Color: None (For Galvanized or Stainless Steel)

MISCELLANEOUS

Mudflap Provider: Factory Furnished Mudflaps
Mudflap Specification: 24"x30" White Plain Plastic with Hyundai Logo 3/8# thick with Anti-spray ribs
Mudflap Mounting Location: Suspension frame (Tandem/Single axle frame without P.H.)
Mudflap Mounting Method/Install: STD Location w/ H.D Washer Retainer

DISCLAIMER

Specifications are believed to be correct, but may contain errors and/or omissions. Photographs are the representative of the subject equipment but may not be identical.
Equipment availability, prices and specifications are subject to change without notice.