

HALE

TRAILER

BRAKE & WHEEL



A016776-A016785
VIN: 477601-477610

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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/Swing Door
Product Class:	HT Thermotech TL

GEOMETRY

Length - Exterior:	53'-0"
** Length - Interior:	52'-2"
Width - Exterior:	102.36"
** Width - Interior:	97.4"
Height - Exterior:	13'-6"
** Height - Interior:	105.5" Front
Deck Height:	Standard application
Fifth Wheel Height:	47"
King Pin Location:	36"
Landing Gear Location:	105" from King Pin (+ 1"/-1/4")

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 Aluminum Wheel
* Wheel Manufacturer:	Alcoa
* Wheel Size:	8.25 x 22.5, 10-Hole (Aluminum, Inner & Outer)
* Wheel Finish for Steel:	None (Due to All Aluminum Wheel Application)
Tire Stem Valve Position:	Dual Wheel Steel / Aluminum / Combo (STD 180°outboard & straight inboard)
* Wheel Finish for Aluminum:	Aluminum Disc Outer & Inner Mill Finish
* Wheel Accessories:	Install Wheel Separator (Spacer) Wheel vs Drum
Valve Stem & Cap:	Valve Stem & Metal Dome Cap

Rev.B

UPPER COUPLER

Upper Coupler-Reefer:	4.00" deep, Floor Over Coupler and Running to Front, Bolting Type
* Approach Plate:	1/4" thick 80,000 Lb Yield - 6 Support Channels
King Pin (BTM Main) Plate:	1/4" thick 80,000 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" Extruded Aluminum I-Beams: 12" C/L
* 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)

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

REAR

Rear Frame: Swing Door Reefer Rear Frame (w/1 Lock Rod per LH & RH Door)
Rear Door Opening Spec.: Swing Door - HT Standard Reefer Door Opening Application (97.2" Width).
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): Swing Door w/ Aluminum Frame & (1) Rubber Door Bumper on Each Door (HT Standard)
* Door-Outer Cover (RV): Swing Door-Stainless Steel Outer Cover Sheet w/ Diamond(Quilted) Pattern
Door-Inner Lining (RV): Swing Door-PP050 (0.043") Polar X
Option - Door Install Instruct (RV): Standard Door Installation Per Manufacturer's Recommendation
Option - Door Hold Back (RV): Standard for Swing Door
Hinges: Four (4) Aluminum Hinges per Door
* Additional Hinge Option: Additional One(1) Aluminum Hinge (Total 5 Per Door)
Rear Underride Guard: 4" Tube Bolt on Assembly w/ Welded Perforated(Poached) 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

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: 10" High Extruded Aluminum (Recessed Only)

URETHANE INSULATION

Front Insulation: Front Insulation - 4" Polyurethane
Side Insulation: Side Insulation - 2" Polyurethane
Roof Insulation: Roof Insulation - 2" Polyurethane
* Floor Insulation: Floor Insulation - 2" Polyurethane
Door Insulation: Swing Door-Insulation - 3" Polyurethane

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
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

Rev.B

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 & (1) Side Hinged Swing type Vent Door (with screens)

- * Vent Door Location: (1) Upper R/S Front, (1) Lower C/S Rear Respectively
 - * Vent Door Step & Handle: (2) Folding Access Steps & Grab Handle (One Side)
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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)
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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 Loc.: Suspension frame (Tandem/Single axle frame without P.H.)
- Mudflap Mounting: 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.