

HALE

TRAILER

BRAKE & WHEEL



A029607-A029608

VIN: 514401 & 514402

SALES | RENTALS | PARTS | SERVICE

Allentown, PA:	800-383-8894	Little Rock, AR:	833-424-8944
Baltimore, MD:	888-601-7500	Portland, ME:	800-325-4253
Concord, NC:	800-438-2250	Raleigh, NC:	833-418-9777
Delmar, DE:	866-486-1400	Scranton, PA:	800-569-1400
Des Moines, IA:	888-673-5011	Springfield, MA:	800-854-5306
Elkton, MD:	800-544-7127	Voorhees, NJ:	866-315-0235
Jacksonville, FL:	800-828-3055	Walpole, MA:	800-854-5310

haletrailer.com | @haletrailer



800-232-6535

*FINANCING AVAILABLE

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# Lining to Lining (SW)
Width - Exterior:	102.36"
* Width - Interior:	97.4" Nominal Lining to Lining
Height - Exterior:	13'-6"
* Height - Interior:	105.5"
Deck Height:	Standard application
Fifth Wheel Height:	47"
King Pin Location:	36"
Landing Gear Location:	105" from King Pin (+ 1"/-1/4")
Height - Interior Truck Body:	Specify Interior Height

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 Lb Yield - 6 Support Channels
* 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) : 9" 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:	Prep. for future installation; Prepare with fuel line conduit thru landing gear, forward & UC	
* Fuel Tank Furnish:	Customer or Other install Thermoking Fuel Tank	
<u>FLOOR</u>		
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)	
<u>FRONT</u>		
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)	
<u>RV-VAN ITEM</u>		
* Reefer Unit Manufacturer:	Thermoking	
* Reefer Unit Type:	Multi-Temperature Type	
* Reefer Unit Spec.:	Thermoking Multi-Temp	
* Reefer Unit Furnish:	Customer Furnished	
* Reefer Unit Install:	Customer or Other Install. Cut & Seal Hatch w/ Plywood for Shipment	
* Reefer Commissioning:	Commission unit at Others	
* Evaporator Furnish:	Prep only for future installaiton	
* Evaporator-Configuration:	(1) Thermo King S6 (Full-Width, S3+ S3)	Rev.B
* Evap - Location by Side:	(1) Evaporator in Full Width	Rev.B
** 1st Evap - Location/Distance:	Customer to advise	Rev.B
** 1st Evap. - Air Blow Direction:	Customer to advise	Rev.B
* Evap - Drain Configuration:	Evaporator to have (1) Drain on Roadside & (1) Drain on Curbside, drain tube cup in side wall to be recessed with flange mounted outside, over the lining and sealed around edges for moisture resistance into foam	Rev.B
* Evap- Trough Location:	Located on Roof	Rev.B
<u>SIDE</u>		
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:	(2) Alum Exterior Rub Rail (E15-032 One 1-1/8" Tear Drip) on Each Side-Total 4. No Higher than 6" above Bottom Rail & just below Side Top Rail	Rev.B
Fasteners to Bottom Rail:	Standard Rivets to attach C/Members to the Side Bottom Rail	
<u>REAR</u>		
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
* Door Scuff:	Install 0.125" Smooth Aluminum x 16" high rear door scuff
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:	24" 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 - 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 (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" Drum Brakes

Brake Lining Spec.: Hendrickson Extended Service H20

* Brake Control System: 2S/1M Wabco iABS

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: Conmet 10 Stud Hub Piloted Outboard Iron Hub with Casting 10083939, Parallel Spindle

* Drum Specification: Conmet 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 at 24.6" from bottom of front panel over
corner radius. (STD location)

* Tire Inflation Lamp Spec.: 33 Series Lamp

* Axle Configuration: Axle included in Suspension

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

* Roof Dome Lamp Gen Spec.: Install Phillips LED Dome Lights

* Roof Dome Lamp Detail Spec: Phillips 51-HY26644 Rectangular Led Motion Sensor Domelights

* Roof Dome Lamp Quantity: Install (3) Three

* Roof Dome Lamp Mt'g Method: Flush Mount Down with Recessed Housing

* Roof Dome Lamp Location: Evenly Spaced at C/L of Ceiling for Swing Doors

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)

PAINT/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

Mudflap Bracket design: 1 Piece Bracket

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.