

# HALE

## TRAILER

### BRAKE & WHEEL



**A020373-A020375**  
**VIN: 452801-452803**

#### SALES | RENTALS | PARTS | SERVICE

<b>Allentown, PA:</b>	<b>800-383-8894</b>	<b>Jacksonville, FL:</b>	<b>800-828-3055</b>
<b>Baltimore, MD:</b>	<b>888-601-7500</b>	<b>Little Rock, AR:</b>	<b>833-424-8944</b>
<b>Boston, MA:</b>	<b>800-854-5310</b>	<b>Portland, ME:</b>	<b>800-325-4253</b>
<b>Concord, NC:</b>	<b>800-438-2250</b>	<b>Richmond, VA:</b>	<b>866-839-3495</b>
<b>Delmar, DE:</b>	<b>866-486-1400</b>	<b>Scranton, PA:</b>	<b>800-569-1400</b>
<b>Des Moines, IA:</b>	<b>888-673-5011</b>	<b>Springfield, MA:</b>	<b>800-854-5306</b>
<b>Elkton, MD:</b>	<b>800-544-7127</b>	<b>Voorhees, NJ:</b>	<b>866-315-0235</b>

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"
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 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" 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)
* Tire Protect Plate:	Front-12 GA Galv steel x22"x55" long or the nearest XM/ Rear-12 GA Galv steel x22" x

length to cover entire running gear area (Snap in Type)  
 \* Tire Protect Install: Behind Upper Coupler & Tandem Area at Both Side  
 \* Fuel Tank Location: One Mounted behind Landing Gear, with fuel line conduit thru landing gear, forward & UC  
 \* Fuel Tank Furnish: Customer Furnished Thermoking Fuel Tank  
 Fuel Tank Size: 50 Gal and 22" Diameter  
 Fuel Tank Install: Cap to be 8" inboard from bottom rail (MFC's Recommended STD)  
 Fuel Tank MT'G Method: Manufacturer's Recommended MT'G

**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: Thermoking  
 \* Reefer Unit Type: Multi-Temperature Type  
 \* Reefer Unit Spec.: Thermoking Multi-Temp  
 \* Reefer Unit Furnish: Customer Furnished  
 Reefer Unit Install: Factory Install  
 \* Reefer Commissioning: Commission unit at Factory  
 \* Battery: Factory Furnished Battery  
 \* Battery Spec: Interstate Battery  
 \* Evaporator Furnish: Customer Furnished  
 \* Evaporator-Configuration: (1) Thermo King S6 (Full-Width, S3+ S3)  
 \* Evap - Location by Side: (1) Evaporator in Full Width  
 \* 1st Evap - Location/Distance: 1st Evaporator: 540" from Front Interior wall to the C/L of the evaporator  
 \* 1st Evap. - Air Blow Direction: 1st Evaporator blowing direction : Toward Front of Trailer  
 \* 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  
 \* Evap- Trough Location: Located on Roof  
 \* Evaporator Guard Furnish: Customer Furnished  
 \*\* Evaporator Guard Spec.: (1) ThermoKing evaporator guards for S-6

**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  
\* 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(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

**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 - 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

#### **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 51-22221 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)

**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.