



**Hale Trailer Brake & Wheel**  
**A006992-A006996**  
**VIN: 411601-411605**

Product : , , , ,

**GVWR**

GVWR: Trailer to meet 68,000 Pound GVWR  
 VIN PLATE: US - VIN Plate to Read in English (Standard)  
 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"  
 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: Continental HT3(G)  
 Tire Size: 295/75R22.5  
 Wheel Furnish: Factory Furnished  
 \* Wheel Material: Inner Steel & Outer Aluminum Wheel  
 \* Wheel Manufacturer: HT Standard (TCC 361) Steel Inner & Alcoa Aluminum Outer  
 \* Wheel Size: 8.25 x 22.5, 10(AI) 5(Steel) Hand Hole (Steel Inner & Aluminum 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: Aluminum Disc Outer DuraBrite Polished and Inner Steel Disc  
 \* Wheel Accessories: Install Wheel Separator (Spacer) between Disc Wheels and Wheel vs Drum  
 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: 3/16" 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) : 12" C/L (5ea)  
 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 Duct Floor  
\* Floor-Surface Spec. - RV: Smooth Floor Surface - HT Standard  
Rear Gutter & Trough: Flush w/ Top of Floor(Mig) & w/ Trough (DUCT TYPE STD)  
Floor Ratings - RV: 18,000lb Rated Floor per TTMA  
Floor Drain - RV: (4) Drains w/ Kazoo  
Floor Filler Mat'l: I-Filler (Ridge PVC)  
Floor Inserts -RV: Extruded Aluminum (STD)  
Threshold Plate-RV: (5) Dock Board Guides over rear (Duct type STD)

**FRONT**

Front Corner Radius: 6" Extruded Aluminum STD Duty Post (RV)  
Front Panel & Color - RV: 0.04" Aluminum Prepainted White  
\* 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  
Reefer Unit Front Frame: Brace for type "A" (Large Opening)

**RV-VAN ITEM**

Reefer Unit Manufacturer: Carrier  
Reefer Unit Type: Single-Temperature Type  
Reefer Unit Spec.: Carrier Single-Temp  
\* Reefer Unit Furnish: Prep only for future installation after delivery  
\* Reefer Unit Install: Customer or Other Install. Cut & Seal Hatch w/ Plywood for Shipment

**SIDE**

\* Side Material: 0.04" Corrugated 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 (RIG) 30  
Option - Horiz Member/Other: Construction of two pieces standard stitch welding  
Underide Bolt Spec.: Stainless steel bolts & nuts - Optional  
Dock Bumper: Pair 3 X 5.88 HT High Performance Polyurethane Radius Bumper ATRO Black Color  
\* 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 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: Tapered 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.: Gunite Auto-5.5", 28 Spline  
Brake Chamber Spec.: TSE 3030 Tamper Resist (HT standard)  
Stroke Length: MFG's Standard 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 Platinum Performance Plus, Discover Seals, Sentinel Hub Cap, Pro-Torq Nut  
 \* Tire Inflation Spec.: Meritor PSI Tire Inflation System w/ Thermal Alert  
 Tire Inflation Pressure: 100 PSI  
 \* 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: (2) Trucklite 33275Y LED PC Rated Mounted with Grommet  
 \* Rear ID Header Light: (5) Trucklite Dual Function 33204R LED (Cluster of 3 & 1 Each Outboard)  
 \* Rear ID-Special Feature: Dual Function Rear Header Lights - 3 Lamps at center with Marker & Stop functionality, 2 Lamps outboard with Marker & Turn functionality  
 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: (4) Trucklite 40 or 44 Series (Round Style) or Equivalent  
 S/T/Tail Light-Detail Spec: (4) Trucklite 44331R LED (Super 44 Grey) Flange Mounted w/ Stainless Steel Rivets  
 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 w/ Stainless Steel Ring  
 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  
 \* Dome Lamp Switch: Install Tramec ABS/Accessory Pressure Switch. No Timer Switch. Wiring to be Tubing.  
 \* Option Related Lamps/Harness: Additional Trucklite 33 LED series Marker Lights. (5) Each Side Top & Bottom Rail (Total 16 Extra Light)  
 Electrical Related Regulation: Standard Application  
 \* Roof Dome Lamp Gen Spec.: Install Trucklite LED Dome Lights  
 \* Roof Dome Lamp Detail Spec: Trucklite 80255C 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 & Staggered 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: Avery  
 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" Eco Mudflaps w/o logo  
Mudflap Mounting Loc.: Suspension Frame  
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.