



Hale Trailer Brake & Wheel  
005001 - 005005

Product : , , , ,

**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: 107" from King Pin (+ 1"/-1/4")

**TIRES & WHEELS**

Tire Furnished: Factory Furnished

Tire Manufacturer: General HT (G), Long Haul Trailer Tire & Low Rolling Resistance

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)

\* Wheel Finish for Aluminum: Aluminum Disc Outer & Inner Mill Finish

Valve Stem & Cap: Valve Stem & Metal Dome Cap

**UPPER COUPLER**

Upper Coupler-Reefer: 4.00" deep, Floor Over Coupler and Running to Front

\* 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: 3" Alum 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" Extruded Aluminum I-Beams : 12" C/L

Running Gear C/M Size: 4" High

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): 208" 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

'\*' = non-standard option

<b>FLOOR</b>	
Floor- Assembly Method:	Aluminum Floor Assembly with Weld (STD). Seams to be Continuously / Uniformly Weld
Floor-Detail Spec. - RV:	1.34" Extruded Aluminum (6061-T6) Duct Floor
* Floor-Surface Spec. - RV:	Ridged Floor Surface with Safety Grip (Knurled)
Rear Gutter & Trough:	Flush w/ Top of Floor & w/ Trough (DUCT TYPE STD)
Floor Ratings - RV:	16,000 lb Rated Floor per TTMA
Floor Drain - RV:	(4) Drains w/ Kazoo
Floor Filler Mat'l:	HT Standard Apitong wood/PPE door sill
Floor Inserts -RV:	Extruded Aluminum (STD)
* Floor Bearing Board - Optional:	3/4" x Full Width Composite Plastic Board
* Threshold Plate-RV:	(5) Dock Board Guides over rear (Duct type STD)

<b>FRONT</b>	
Front Corner Radius:	6" Extruded Aluminum STD Duty Post (RV)
Front Panel & Color - RV:	0.04" Aluminum Prepaint 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
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" Alum Diamond Plate Each Side at Top
Reefer Unit Front Frame:	Brace for type "A" (Large Opening)

<b>RV-VAN ITEM</b>	
* 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

<b>SIDE</b>	
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" High Bay Crossmember - TL Thermotech
Fasteners to Bottom Rail:	Standard Rivets to attach C/Members to the Side Bottom Rail

<b>REAR</b>	
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 (96.6" 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-Versitex, VR2 0.065" (HT STD)
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 6" Mold Bolted Bumper

'\*' = non-standard option

Rubber Bumper Location:	Inboard of Light Protector Bars (Standard)
<b><u>LIFT GATE</u></b>	
<b><u>ROOF</u></b>	
Roof Panel:	0.032" One Piece Corrugated Aluminum
Roof Bow:	1" Extruded Aluminum
Roof Bow Centers:	32" Centers Full Length
<b><u>LINING/SCUFF</u></b>	
Side Lining - Reefer:	Versitex VR2, 0.065"
Front Lining - Reefer:	Versitex VR2, 0.065"
Roof Lining - Reefer:	Versitex VR2, 0.065"
Sub-Floor:	Versitex VR1, 0.040"
Side Scuff Mt'g Method:	Recessed (STD)
Side Scuff for Reefer:	10" High Extruded Aluminum (Recessed Only)
<b><u>URETHANE INSULATION</u></b>	
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
<b><u>LANDING GEAR</u></b>	
* L/Gear Spec.:	Just 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
<b><u>RUNNING GEAR</u></b>	
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:	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)

'\*' = non-standard option

* 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.:	Shell Spirax Oil 80-90
* 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 Spec.:	19 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
* 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 33010C LED
* 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)
<i>Comment:</i>	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

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)

#### PAIN/PAINT

Upper Coupler Finish:	Stainless Steel-Forward Section w/ Black Undercoating inside of Upper Coupler
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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
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.