

# HALE

## TRAILER

### BRAKE & WHEEL



A029035-A029044  
VIN: 508001-508010

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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# Lining to Lining (SW)
Width - Exterior:	102.36"
* Width - Interior:	97.4" Nominal Lining to Lining
Height - Exterior:	13'-6"
* Height - Interior:	103.5"
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

#### 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:	3" 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)

* Tire Protect Plate:	Front-None / Rear-12 GA Galv steel x22"x156" long (Snap in Type)
* Tire Protect Install:	Rear Tandem Area at Both Side
* 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:	Ridged Floor Surface with Safety Grip (Knurled)
Rear Gutter & Trough:	Flush w/ Top of Floor(Mig) & w/ Trough (DUCT 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)
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 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
* Side Rub Rail:	(1) Alum Exterior Rub Rail (E15-032 One 1-1/8" Tear Drip) on Each Side-Total 2. No Higher than 6" above Bottom Rail.
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:	Semi-Recessed (Horizontal), full length both side
* 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 - 3" 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)
<b>Comment:</b>	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)

#### **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
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.