



Hale Trailer Brake & Wheel
006001-006010

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/Roll Up 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 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
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
* 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

<u>FLOOR</u>	
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) Flat Floor
* Floor-Surface Spec. - RV:	Ridged Floor Surface with Safety Grip (Knurled)
* Rear Gutter & Trough:	Flush w/ Top of Floor & w/o Trough -> Floor Plank will be extended to rear gutter (FLAT & DIARY 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

<u>FRONT</u>	
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
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)

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

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

<u>REAR</u>	
* Rear Frame:	Roll-Up Door Reefer Rear Frame
* Rear Door Opening Spec.:	Roll Up Door - HT Standard Reefer Door Opening Application
* Option - Rear Frame (RV):	Rear reinforcement-SUS rear frame to bottom rail reinforcement-12" extended rear corner gussets to next crossmember and add triangular gusset inside.
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):	Whiting Roll Up Door - Cold Saver III, 2" thick
* Door-Outer Cover (RV):	Roll Up Door-Manufacturer's Specification-See Roll Up Door Spec.
* Door-Inner Lining (RV):	Roll Up Door-As per Door Manufacturer's Standard Application
Option - Door Install Instruct (RV):	Standard Door Installation Per Manufacturer's Recommendation
* Option - Door Hold Back (RV):	None (Roll Up Door)
Rear Underride Guard:	4" Tube Bolt on Assembly w/ Welded Perforated(Pooched) Horizontal
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
Rubber Bumper Location:	Inboard of Light Protector Bars (Standard)

'*' = non-standard option

LIFT GATE

- * Lift Gate Furnish: Prep. for Future Installation
- * Lift Gate Type: Preparation for Future Column Lift Gate Installation

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: 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)

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: Roll Up Door-See Manufacturer's Door specification

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: 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):	Install "Long" Studs for possible future installation of aluminum wheels
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) Trucklite 97960
Document Holder/Manifest Loc.:	Overlaid on Lower R/S Front

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
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.