



# Hale Trailer Brake & Wheel 303001-303006

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:	107" 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
* 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
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:	3" Alum Hat Shaped Members Upper Coupler to Landing Gear : 12" C/L (Nom.)
Landing Gear Crossmember:	4" Steel I-Beams (80,000 PSI) : 12" C/L (5ea)
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

**FLOOR**

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:	Smooth Floor Surface - HT Standard
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)

**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
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" 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 (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-PP050 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
Option - Horiz Member/Other:	Construction of two pieces standard stitch welding
Underide Bolt Spec.:	Zinc plated bolts & nuts - Standard
* 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

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**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)

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**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

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**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

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**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.: Shell Spirax Oil 80-90
- \* 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
- \* 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 44322R 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 33010C LED
- \* 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**

- 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
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)

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**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.