



## Hale Trailer Brake & Wheel

A007017-A007031

VIN: 412401-412415

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'-0"
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:	105" 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)
Tire Stem Valve Position:	Dual Wheel Steel / Aluminum / Combo (STD 180°outboard & straight inboard)
* Wheel Finish for Aluminum:	Aluminum Disc Outer & Inner Mill Finish
* 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, Narrow
* 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:	4" Extruded Aluminum I-Beams: 12" C/L
* Landing Gear Crossmember:	4" Steel I-Beams (80,000 PSI) : 8" 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)

\* 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 Flat Floor

Floor-Surface Spec. - RV: Ridged Floor Surface with Safety Grip (Knurled)

\* Rear Gutter & Trough: Flush w/ Top of Floor (Mig) & w/o Trough -> Floor Plank will be extended to rear gutter (FLAT & DIARY TYPE STD)

Floor Ratings - RV: 18,000lb Rated Floor per TTMA

Floor Drain - RV: (4) Drains w/ Kazoo

\* Floor Filler Mat'l: I-Filler (RPP)

Floor Inserts -RV: Extruded Aluminum (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

\* 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

Fasteners to Bottom Rail: Standard Rivets to attach C/Members to the Side Bottom Rail

#### **REAR**

\* Rear Frame: Roll-Up Door Reefer Rear Frame

\* Rear Door Opening Spec.: Roll Up Door - HT Standard Reefer Door Opening Application

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. 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

\* Rubber Bumper Location: Outboard of Light As Close to Edge As Possible

\* Track Protector: 12Ga x 36" High Galvanized Steel Roll-Up Door Track Protector

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**LIFT GATE**

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**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:	Roll Up Door-See Manufacturer's Door specification

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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:	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):	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 Spec.:	19 Series Lamp

#### **ELECTRICAL**

Harness-General Spec.:	DO NOT USE , USE NEW EHA33 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)
<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**

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
* Vent Door Location:	Upper R/S (LH) Front
* 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)

#### **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.