

# HALE

## TRAILER

### BRAKE & WHEEL



**A038598-A038602**  
**VIN: 511006-511010**

#### SALES | RENTALS | PARTS | SERVICE

|                          |                     |                         |                     |
|--------------------------|---------------------|-------------------------|---------------------|
| <b>Allentown, PA:</b>    | <b>800-383-8894</b> | <b>Little Rock, AR:</b> | <b>833-424-8944</b> |
| <b>Baltimore, MD:</b>    | <b>888-601-7500</b> | <b>Portland, ME:</b>    | <b>800-325-4253</b> |
| <b>Concord, NC:</b>      | <b>800-438-2250</b> | <b>Raleigh, NC:</b>     | <b>833-418-9777</b> |
| <b>Delmar, DE:</b>       | <b>866-486-1400</b> | <b>Scranton, PA:</b>    | <b>800-569-1400</b> |
| <b>Des Moines, IA:</b>   | <b>888-673-5011</b> | <b>Springfield, MA:</b> | <b>800-854-5306</b> |
| <b>Elkton, MD:</b>       | <b>800-544-7127</b> | <b>Voorhees, NJ:</b>    | <b>800-232-6535</b> |
| <b>Jacksonville, FL:</b> | <b>800-828-3055</b> | <b>Walpole, MA:</b>     | <b>800-854-5310</b> |

haletrailer.com • follow us online @haletrailer

**800-232-6535** \*FINANCING AVAILABLE

#### **GWR**

Material no.: 30024935

|                 |                                                                                                     |
|-----------------|-----------------------------------------------------------------------------------------------------|
| 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:   | 48'-0"                          |
| * Length - Interior:   | 47'-0" Lining to Lining (RU)    |
| 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") |

#### **TIRES & WHEELS**

|                            |                                                                           |
|----------------------------|---------------------------------------------------------------------------|
| Tire Furnished:            | Factory Furnished                                                         |
| * Tire Manufacturer 2:     | Hankook TL52(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/10 Stud Holes (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:        | TR-572 Valve Stem# 8900HALNC for use w/PSI; w/o Cap                       |

Rev.C

#### **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 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: 20,000lb Rated Floor
- Floor Drain - RV: (4) Drains w/ Kazoo
- \* Floor Filler Mat'l: I-Filler (RPP)
- Floor Inserts -RV: Extruded Aluminum (STD)

Rev.B

#### **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: 0.04" Aluminum Prepainted White
- 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. Seal w/Cover panel 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: (2) Alum Exterior Rub Rail (E15-032 One 1-1/8" Tear Drip) on Each Side-Total 4. No Higher than 6" above Bottom Rail & just below Side Top Rail
- 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 (B-23116, HT Standard)
- \* 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 (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                |
| * Track Protector:        | 12Ga x 36" High Galvanized Steel Roll-Up Door Track Protector |

#### **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 PPO70 0.063 w/Bonded 0.188" X 16" high Polar X Scuff band |
| 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:     | Bonded to Lining                                                  |
| * Side Scuff for Reefer:      | Polar X, 0.188" X 16" (Pp200) High Scuff Bonded To Side Lining    |
| * 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:  | 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 (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                                                                          |

|                                 |                                                                                                                   |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Axle Configuration:             | Axle included in Suspension                                                                                       |
| 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.:           | TSE Slack Adjuster Part # TSE07135S. Auto-5.5#, 28 Splines                                                        |
| Brake Chamber Spec.:            | TSE 3030 Tamper Resist (HT standard)                                                                              |
| * 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<br>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<br>corner radius. (STD location) |
| * 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 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                           |
| Electrical Related Regulation:     | Standard Application                                                            |

#### **MARKING/DECALS**

|                                        |                                                                                                                                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| HT & Product Type Decal Package:       | Hyundai Logo & Product Type Decals Application(For not having pre-painted white<br>panels for side/door/front, Apply white HT Corporate decals) |
| Decal Package:                         | Factory Furnished Hyundai Information & Regulatory Decal Package with FMCSA Specified<br>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 only for Reefer product type                                                                                        |

**PATNT/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.