

# HALE

## TRAILER

### BRAKE & WHEEL



**A016755-A016760**



**VIN: 478001-478006**

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

#### 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"                          |
| 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                                   |
| 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:          | 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 Duct Floor  
\* Floor-Surface Spec. - RV: Smooth Floor Surface - HT Standard  
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  
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  
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. 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

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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:    | Swing Door-Insulation - 3" Polyurethane |

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**LANDING GEAR**

|                            |  |
|----------------------------|--|
| L/Gear Spec.:              | Just 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 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"  |
| 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 Location: Indicator PSI Light at Roadside Mounted over 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: (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)  
*Comment:* 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)

**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 3/8# thick with Anti-spray ribs  
Mudflap Mounting Loc.: Suspension frame (Tandem/Single axle frame without P.H.)  
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.