

HALE

TRAILER

BRAKE & WHEEL



A016751-A016754
VIN: 478201-478204

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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:	105" 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(Al) 5(Steel) Hand Hole (Steel Inner & Aluminum 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:	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, Bolting Type
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:	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

<u>FLOOR</u>	
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)

<u>FRONT</u>	
Front Corner Radius:	6" Extruded Aluminum STD Duty Post (RV)
Front Panel & Color - RV:	0.04" Aluminum Prepaint 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
Reefer Unit Front Frame:	Brace for type "A" (Large Opening)

<u>RV-VAN ITEM</u>	
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

<u>SIDE</u>	
* 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 5.5" 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:	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 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

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)

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

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 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:	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.:	Gunitite 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.:	Chev Delo Gear EP5 80-90 oil
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 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:	(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 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:	(4) Trucklite 40 or 44 Series (Round Style) or Equivalent
S/T/Tail Light-Detail Spec:	(4) Trucklite 44331R 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 33210C LED with 33815 Anti-Theft Flange
* 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

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

- * 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)

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)

Mudflap Provider:	Factory Furnished Mudflaps
* Mudflap Specification:	24"x30" Eco Mudflaps w/o logo
Mudflap Mounting Loc.:	Suspension frame (Tandem/Single axle frame without P.H.)
Mudflap Mounting:	STD Location w/ H.D Washer Retainer

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.