

HALE

TRAILER

BRAKE & WHEEL



A032920-A032923
VIN: 423001-423004

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GVWR

* GVWR:	Trailer to meet 90,000 Pound GVWR
VIN PLATE:	US - VIN Plate to Read in English (Standard)
* Product Type:	HT Thermotech-Truck Load w/Roll Up Door
Product Class:	HT Thermotech TL

GEOMETRY

Length - Exterior:	53'-0"
** Length - Interior:	52'-2"
Width - Exterior:	102.36"
** Width - Interior:	96.4"
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:	Bridgestone R-123(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 (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)
* 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:	3/8" thick 50,000 Lb Yield - 6 Support Channels
* King Pin (BTM Main) Plate:	3/8" 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:	4" Steel I-Beams 80,000 psi Uppper Coupler to Landing Gear : 10" C/L
* Landing Gear Crossmember:	4" Steel I-Beams (80,000 PSI) : 9" C/L (6" On Forward Edge : 7ea)
* Bay Area Crossmember:	4" Steel I-Beams (80,000 PSI) : 10" C/L
* Running Gear Crossmember:	4" Steel I-Beams (80,000 PSI) : 8" C/L
* Slider Body Rail (RV):	308" Rail Length
Slider Rail Supplier:	Hutchens Slider Rails
* Slider Rail Duty:	Heavy 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
Floor Drain - RV:	(4) Drains w/ Kazoo
Floor Filler Mat'l:	I-Filler (Ridge PVC)
Floor Inserts -RV:	Extruded Aluminum (STD)

FRONT

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:	0.04" Aluminum Prepaint 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
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" Aluminum Prepainted White w/ natural color rivets
* Side Posts:	1.5" Deep Extruded Aluminum "Z" Post
* Side Post Centers:	16" C/L with 8" C/L @ Upper Coupler and Support Gear
* Side Top Rail:	Heavy Duty Side Top Rail for Thermotech
* Side Bottom Rail:	Side Bottom Rail for Reefer 4" 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 (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
* Step & Under Ride Accessories Option:	Welded Step-Curbside, Bolted vertical post extension to the rear sill
Dock Bumper:	Pair 3 X 5.88 HT High Performance Polyurethane Radius Bumper ATRO Black Color
Rubber Bumper Location:	Inboard of Light Protector Bars (Standard)
* Rear Corner Post Grab Handle:	(1)Grab Handle-Curbside Integral to Roll-Up Door Post
* Track Protector:	12Ga x 48" High Galvanized Steel Roll-Up Door Track Protector

LIFT GATE**ROOF**

Roof Panel:	0.025" One Piece Corrugated Aluminum
Roof Bow:	1" Extruded Aluminum
* Roof Bow Centers:	24" Centers Full Length

LINING/SCUFF

* Side Lining - Reefer:	Polar X PPO70 0.063"
* Front Lining - Reefer:	Polar X PP060 0.051"
* Roof Lining - Reefer:	Polar X PPO60 0.051"
Sub-Floor:	Polar X Pp030 0.023"
* Side Scuff Mt'g Method:	Overlaid
* Side Scuff for Reefer:	0.63" x 12" High White HDPE Recycled Plastic (Overlaid Only) (1) Piece of 12" High for total of 12"
* 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-2:	Located at 30" & 54" Floor to Centerline of Track

URETHANE INSULATION

Front Insulation:	Front Insulation - 4" Polyurethane
* Side Insulation:	Side Insulation - 2.5" 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.-2:	Jost ED461.G40.17.352 Magnum 10 Year Warranty Full HDG(T-brace Lugs prep. For Heavy Duty-K bracing)
L/Gear Mt'g Method:	Inboard Mounting (Standard)
* L/Gear Shoes:	10" X 10" 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:	Heavy Duty Cross Brace and attachment design w/ Grade 8 Bolts and Nuts on Landing Gear Bracket
* L/Gear Cross Brace Design:	Heavy Duty Cross Brace and attachment Design

RUNNING GEAR

* Bogie Type:	Sliding Tridem(3) Axle Bogie
* Axle Spacing:	72" Axle Spacing
* Axle ABS System:	Tridem Axle w/4S2M ABS System
* Bogie & Axle Location:	Location to be Sliding Tri-Axle. Start at Rear Most & Ending for Specified Slider Length
* Option-Related Bogie Stopper Feature:	Full width tube stopper
Susp. Manufacturer:	Hendrickson
Suspension Capacity:	Standard Duty
* Hendrickson Susp. Specification:	Hendrickson Vantraax HKANT69K23, Tri-Axle 72" Axle Spacing
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 - Tridem (3) Axle included in Suspension (For 4S2M System)
Axle-Track Length:	77-1/2"
* Axle-Spindle Type:	Parallel Spindle
Brake Lining Size:	16.5" X 7" Drum Brakes

Brake Lining Spec.:	Hendrickson Extended Service H20
* Brake Control System:	4S/2M Wabco iABS
Spring Brake Control:	Sealco 110500 Springbrake Priority
Brake Cont-Hose & etc.:	Standard Air Line & Hose Application (US&Canada)
* Slack Adjuster Spec.:	Meritor Auto-5.5", 28 Spline
* Brake Chamber Spec.:	Haldex 3030 LifeSeal Plus
Stroke Length:	MFG's Standard Stroke Length
* Hub Specification:	Conmet 10 Stud Hub Piloted Outboard Iron Hub
* Drum Specification:	Conmet Cast Drum
* Hub/Drum-Opt(Nut&Other):	Install "Long" Studs or prep. for possible future installation of aluminum wheels
Bearing Specification:	Stemco
* Lubrication Spec.:	Chev Delo (Syn) Grease
* Wheel Seals Spec.:	Stemco Platinum Performance Plus, Discover Seals, Sentinel Hub Cap, Zip-Torq Nut
Tire Inflation Pressure:	100 PSI

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 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 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

PATNT/FTNTSH

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:	Galvanized upper leg and powder coated lower leg to meet 12# ground clearance
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

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Equipment availability, prices and specifications are subject to change without notice.