

HALE

TRAILER

BRAKE & WHEEL



A029536-A029542
VIN: 508801-508807

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800-232-6535 *FINANCING AVAILABLE

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/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:	95.4" Nominal Lining to Lining
Height - Exterior:	13'-6"
* Height - Interior:	102" Nominal
* Deck Height:	Operational Deck Height 52" - 54"
* Fifth Wheel Height:	48"
King Pin Location:	36"
Landing Gear Location:	105" from King Pin (+ 1"/-1/4")
Height - Interior Truck Body:	Specify Interior Height

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TIRES & WHEELS

Tire Furnished:	Factory Furnished
** Tire Manufacturer:	Michelin XMET2(G), Low Rolling Resistance Tire
* Tire Size:	11R22.5
Wheel Furnish:	Factory Furnished
Wheel Material:	All Steel Wheel
Wheel Manufacturer:	HT Standard (TCC 361)
* Wheel Size:	8.25 x 22.5, 2-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)
** Valve Stem & Cap:	Install Alligator Cap on PSI Check Port Hose

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UPPER COUPLER

Upper Coupler-Reefer:	4.00" deep, Floor Over Coupler and Running to Front, Bolting Type
* Upper Coupler Option-Reefer:	Upper Coupler Extension (XL) / Side Door
* 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:	4" Extruded Aluminum I-Beams: 12" C/L
* 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 6'
* Slider Body Rail (RV):	172" 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-12 GA Galv steel x22"x55" long or the nearest XM/ Rear-12 GA Galv steel x22" x length to cover entire running gear area (Snap in Type)
- * Tire Protect Install: Behind Upper Coupler & Tandem Area at Both Side
- * Fuel Tank Location: One Mounted behind Landing Gear, with fuel line conduit thru landing gear, forward & UC
- * Fuel Tank Furnish: Customer Furnished Carrier Fuel Tank
- * Fuel Tank Size: 50 Gal w/ USFLS
- Fuel Tank Install: Cap to be 8" inboard from bottom rail (MFC's Recommended STD)
- Fuel Tank MT'G Method: Manufacturer's Recommended MT'G

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 & w/ Front Trough. No Rear Trough
- * Floor Ratings - RV: 20,000lb Rated Floor
- Floor Drain - RV: (4) Drains w/ Kazoo
- Floor Filler Mat'l: I-Filler (Ridge PVC)
- * Floor Inserts -RV: Extruded Aluminum 48" long x 72" wide in center
- * Threshold Plate-RV: (3) 0.19" Al Diamond Plate 24" X 24" at rear floor to reinforce floor where dock plate sits. fully welded.

FRONT

- * Front Corner Radius: 6" Extruded Aluminum (RV) with Recessed at Road Side For Reefer indicator Lamp.
- 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 Permalogic w/20 AMP Circuit Breakers
- Gladhand/7-Way Location: Overlaid on Lower Roadside Front
- * Corner Radius Protector: (2) 0.125" X 18" Smooth Alum Plate Each Side at Top
- Reefer Unit Front Frame: Brace for type "A" (Large Opening)
- * Front Air Return Bulkhead Supplier: Customer Furnished
- * Front Air Return Bulkhead Spec.: Air Return Bulkhead
- * Indicator Lights: Install Customer Furnished Temperature Indicator Lights
- * Option - Indicator Lights: Recessed in Pan on Roadside Radius Front Corner

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RV-VAN ITEM

- Reefer Unit Manufacturer: Carrier
- Reefer Unit Type: Single-Temperature Type
- Reefer Unit Spec.: Carrier Single-Temp
- Comment:* Install Customer Furnished Carrier Lynx telematics power control switch
- * Reefer Unit Furnish: Customer Furnished
- Reefer Unit Install: Factory Install
- * Reefer Commissioning: Commission unit at Factory
- Comment:* Please refer to special customer instruction on provided thumb drive for carrier reefer commissioning
- * Battery: Factory Furnished Battery
- * Battery Spec: Interstate Battery

SIDE

- * Side Material: 0.05" Aluminum Prepainted White w/ natural color rivets
- * Side Posts: 1.5" Deep Extruded Aluminum "Z" Post
- * Side Post Centers: 12" C/L Full Length
- * Side Top Rail: Heavy Duty Side Top Rail for Thermotech
- * Side Bottom Rail: Side Bottom Rail HD 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.
Installed 18" from top of side bottom rail to bottom of rub rail & just below side

- top rail.
- * Side Door - Curbside(RH) - RV: (1) Front Side Door on Curbside (RH). Single Opening Side Door
 - * Side Door Size - RV: Approx. 40"W x 80"H Opening. Single Opening Side Door (Exposed Al Frame)
 - * Side Door Frme Finish: Stainless Steel Side Door Frame
 - * Front Side Door Loc.-RV: Front Door to locate 39.5" from Exterior of Trailer Front to Door Center Line of Door
 - * Front Door-Open Direction - RV: Front Curbside (R/H) Door open to Rear of Trailer for Single Opening
 - * Side Door-Grab Handle: Install 3/4" stainless steel grab handle (Rounded edges), to top and bottom lock sockets
 - * Side Kick Ramp Install: Install ROM R02161 Sidestep Ladder & R02062 Ladder Carrier Under Trailer on Curbside in Bay Area
 - * Side Kick Ramp Spec: (1) ROM R02161 Sidestep Ladder & R02062 Carrier.
 - Fasteners to Bottom Rail: Standard Rivets to attach C/Members to the Side Bottom Rail
 - * Option-Side Door Frame: Prep Side Door For Sidestep (R02161) Portable Ladder Channels In Sill; Ramp Hook Channels On Nominal 13.5" C/L

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/ Bolt on Perforated(Pooched) Horizontal
- * Option - Horiz Member/Other: Construction of two pieces standard stitch welding
- Underide Bolt Spec.: Stainless steel bolts & nuts - Optional
- * Dock Bumper: None (Preparation For Future Lift Gate Installation). Delete "Eyebrow" Around Tail Lights
- * Track Protector: 12Ga x 36" High Galvanized Steel Roll-Up Door Track Protector

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LIFT GATE

- * Lift Gate Furnish: Factory Furnished
- * Lift Gate Type: Column
- * Lift Gate-Mounting Method: Bolt On - Column
- * Lift Gate-Spec Maxon Column: Please see next raw
- ** Lift Gate-Spec Others Column: Leyman FXG-55, 84"x86" w/ Steel Platform and 16" Aluminum Retention Ramp.
- Comment:* Reference Leyman Quote #20175253
- * Lift Gate-Detail Spec: 20ft Extension Kit from Lift Gate Supplier
- * Lift Gate-Battery: Factory Furnish and Install (2) Liftgate Batteries
- * Lift Gate-Battery Detail Spec: HT Standard (Interstate) Liftgate Batteries
- * Lift Gate-Battery Charger Spec: Lift-gate Batteries to Charge off Supplemental Reefer Alternator Through the Customer Furnished Carrier 2-Wire

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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 PPO70 0.063"
- * Roof Lining - Reefer: Polar X PPO70 0.063"
- * Sub-Floor: US LINER SILVERBACK SB1, 0.035#
- Side Scuff Mt'g Method: Recessed (STD)

- | | |
|-------------------------------|--|
| * Side Scuff for Reefer: | 3/16" X 22" High aluminum-heavy duty, with ¼# flashing side (HD) and full-length HDPE behind of each extruded. |
| * Front Scuff for Reefer: | 22" High Extruded Aluminum |
| * Logistic Track for Reefer: | (2) Row of "A" Track, Galvanized, Both Side |
| * Logistic Track Mt'g Method: | Semi-Recessed (Horizontal), full length both side |
| * Logistic Track Locate: | Please see next raw |
| * Logistic Track Locate-2: | Located at 36" & 78" floor to centerline of track. |

URETHANE INSULATION

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|--------------------|--|
| Front Insulation: | Front Insulation - 4" Polyurethane |
| * Side Insulation: | Side Insulation - 3" Polyurethane |
| * Roof Insulation: | Roof Insulation - 4" Polyurethane |
| Floor Insulation: | Floor Insulation - 2.5" Polyurethane |
| * Door Insulation: | Roll Up Door-See Manufacturer's Door specification |

LANDING GEAR

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|----------------------------|---|
| * L/Gear Spec.: | Jost HT451.G3.17.157 Magnum 10 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

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|---------------------------------------|---|
| Bogie Type: | Sliding Tandem(2) Axle Bogie |
| Axle Spacing: | 49" Axle Spacing |
| * Axle ABS System: | Tandem Axle w/4S2M 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: | Meritor |
| Suspension Capacity: | Standard Duty |
| * Meritor/Reyco Susp. Specification: | Meritor Sentry (MPA40) 40k Air Ride |
| * Surelok (Anti-Dock): | No Surelok (No Anti-Dock) |
| * Susp. Dump Valve: | Manual Dump Valve |
| Locking Pin Mechanism: | Air-Assist Pin Puller or Quik Draw |
| * Susp. Sub-Frame: | Supplied by Meritor |
| Type of Susp Spring: | Air Bag |
| Spring Specification: | Air Bag |
| * Axle Diameter: | 5" |
| * Axle Supplier: | Meritor |
| * Axle-General Spec.: | Axle - Tandem (2) Axle included in Suspension (For 4S2M System) |
| Axle-Track Length: | 77-1/2" |
| Axle-Spindle Type: | Tapered Spindle |
| * Brake Lining Size: | Disc brake with loose parts |
| * Brake Lining Spec.: | Disc Brakes |
| * Brake Control System: | 4S/2M Wabco iABS |
| * Spring Brake Control: | Sealco 110800 Springbrake Priority |
| Brake Cont-Hose & etc.: | Standard Air Line & Hose Application (US&Canada) |
| * Slack Adjuster Spec.: | None Due to Air Disc Brake Application |
| * Brake Chamber Spec.: | Meritor EX+ LS for Disc Brake; Bolted to Caliper 50mm Bolt w/Meritor Axle |
| * Stroke Length: | None due to Air Disc Brake |
| * Hub Specification: | Conmet 10 Stud Hub with Rotor with Casting 10083541, Tapered Spindle |
| * Drum Specification: | None Due to Air Disc Brake Application |
| 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 & Check Port Valve on Hose (CP Hose)
Tire Inflation Pressure:	100 PSI
* Tire Inflation Lamp Location:	Indicator PSI Light at Roadside Mounted at 24.6" from bottom of front panel over corner radius. (STD location)
* Tire Inflation Lamp Spec.:	33 Series Lamp
* Axle Configuration:	Axle included in Suspension
* Elect. & Park Brake Interlock:	Install Elect. Standby & Pneumatic Park Brake Interlock :460VAC without toolbox

ELECTRICAL

* Harness-General Spec.:	Molded Color Code Phillips Harness (Sta-Dry) with Locking Device connector
Harness-Special Feature:	Manufacturer's Standard Feature
Front Light:	(2) Phillips 51-HY37323 Amber 3/4" Penny, PC Rated
* Rear ID Header Light:	(5) Phillips 51-HY37322 Red 3/4" Penny, PC Rated (Cluster of 3 & 1 Each Outboard)
Rear Side Marker Type(Shape):	Mini Button Style Lamp with Antitheft Bracket
Rear Side Marker Detail Spec:	(2) Phillips 51-HY37322 Red 3/4" Penny, PC Rated 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:	None (S/T/T Supplied By Lift Gate MFG or SlideLift Application)
* S/T/Tail Light-Detail Spec:	Supplied By Lift Gate Manufacturer LED connector
Main Mid-Turn Light:	Install the Mid turn lamp
Mid-Turn Mounting Method:	Mounting Bracket
Main Mid-Turn Light-Detail Spec:	(2) Phillips 51-HY60303-0 LED 6.5" Oval MidTurn/Marker - Amber Surface Mount with Stainless Steel Rivets
ABS Light Detail Spec:	(1) Phillips 51-HY37323 Amber 3/4" Penny, PC Rated w/anti-theft hardware
ABS Light MT'G Location:	Mounted on Standard Location on Rear Corner Post - HT STD
* License Light:	(1) Phillips 51-HY37721-0 (Button Style, Clear) with Grommet (19mm Hole Required)
* Dome Lamp Switch:	Permalogic with (1) Phillips Momentary toggle Switch at Lower Rear Curbside
Electrical Related Regulation:	Standard Application
* Interior lights-Special Instruction:	Lamps Turn on/off From Permalogic & From the Interior Rear Switch. PIR motion Sensor lamp Turn on Individually when Detect motion, Trigger wire Dome Lamp connected to Permalogic.
* Side Dome Lamp Gen Spec.:	Install Phillips LED Dome Lights
* Side Dome Lamp Detail Spec.:	Phillips 51-22221 LED Motion Sensor Domelights
* Side Dome Lamp Quantity:	Install (4) Four
* Side Dome Lamp Mt'g Method:	Flush Mount Down with Recessed Housing
* Side Dome Lamp Location:	(4) Mounted on roadside wall evenly spaced, approx. 12" from ceiling to C/L of light

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:	Customer Furnished Owner Decal Package, Specified in Notes
* Decal Opt 1-Additional Decal:	Specified in Notes
Comment:	MDI/Import Mex Decals, Customer to Advise
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

Rev.C

Rev.C

Document Holder/Manifest Loc.: Overlaid on Lower R/S Front

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 & Bolted Horizontal Member
Rear Underride-Paint Color:	None (For Galvanized or Stainless Steel)

MISCELLANEOUS

Mudflap Provider:	Factory Furnished Mudflaps
* Mudflap Specification:	24"x30" Eco Mudflaps w/o logo
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.