

# HALE

## TRAILER

### BRAKE & WHEEL



**A024042**  
**Vin: 404801**

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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: 36'-0"  
 \*\* Length - Interior: 35'-0"  
 Width - Exterior: 102.36"  
 \*\* Width - Interior: 95.4"  
 Height - Exterior: 13'-6"  
 \*\* Height - Interior: 102"  
 \* 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")

#### TIRES & WHEELS

Tire Furnished: Factory Furnished  
 \* Tire Manufacturer: Michelin XTE(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: 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/PAGE

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 6'  
 \* Slider Body Rail (RV): 168" 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" Alum Diamond 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

- RV-VAN TRIM**
- 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
  - \* 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 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
  - \* 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	
* Front Side Door-Step:	Install Retracting Stirrup Step at Side Door	
* Side Door-Grab Handle:	Install 3/4" stainless steel grab handle (Rounded edges), to top and bottom lock sockets	
** Side Platform Install:	Install ROM Sidestep Ladder Assembly and R02062 Ladder Carrier Under Trailer	Rev.B
** Side Platform Spec.:	(1) ROM R02161 Sidestep Ladder & R02062 Carrier	Rev.B
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	
* 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	

**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 Maxon Column 2:	BMR-55SG, 84"X85" (42+ 42 Split) Galv. Finish w/Rollers, Steel Galv. Platform & 16"ARR, Gravity Down, Dual Pump/Motor, Cycle Counter.	
<i>Comment:</i>	Reference Maxon Quote #92333	
* 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:	Customer Furnished Auxiliary Carrier Lift-Gate Battery Charging Harness System (40 AMP, 12 Volts)	

**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 1/4# 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**

- 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**

- \* 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**

- 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 ABS
- \* 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
- \* 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
- 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
- \* 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
- \* 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: Factory Furnished Hyundai Information & Regulatory Decal Package with FMCSA Specified in Notes Rev.B
- 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

**PAIN/PAINT**

- 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)

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**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

**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.