

# HALE

## TRAILER

### BRAKE & WHEEL



**A035378-A035379**  
**VIN: 467001-467002**

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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 HyCube

#### GEOMETRY

Length - Exterior: 53'-0"  
 \*\* Length - Interior: 52'-6"  
 Width - Exterior: 102.36"  
 \*\* Width - Interior: 101"  
 Height - Exterior: 13'-6"  
 Height - Interior: 110" Nominal  
 Deck Height: Standard application  
 Fifth Wheel Height: 47"  
 King Pin Location: 36"  
 Landing Gear Location: 107" from King Pin (+ 1"/-1/4")

#### TIRES & WHEELS

Tire Furnished: Factory Furnished  
 \* Tire Manufacturer: Hankook TL21(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: Hot Dip Galvanized.  
 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: TR-572 Valve Stem# 8900HALNC for use w/PSI; w/o Cap

#### UPPER COUPLER

\* 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: Galvanized-Whole Upper Coupler section, w/ Pick-Up plate Striker Angle  
 Upper Coupler Tube Qty: (1) Tubing Application - Joggled

#### BODY/BASE

Forward Crossmember: Steel Hat Shaped Upper Coupler to Landing Gear : 12" C/L  
 Landing Gear Crossmember: 4" Steel I-Beams (80,000 PSI) : 12" C/L (5ea)  
 Bay Area Crossmember: 4" Steel I-Beams (80,000 PSI) : 12" C/L  
 Running Gear Crossmember: 4" Steel I-Beams (80,000 PSI) : 12" C/L with 8" C/L Last 3.4'  
 Slider Body Rail (VT): 208" Rail Length  
 Slider Rail Supplier: Hutchens Slider Rails

#### FLOOR

Upper Coupler Type: 3.40" Joggled with Exposed Coupler Top Plate (New STD)  
 Floor Specification: 1.38" (1-3/8") Nominal Domestic Laminated Oak Hardwood  
 Floor Ratings - VT: 18,000 lbs Rated Floor per TTMA- Standard HT Dry Van Floor Rating

Floor- Assembly Method: Wood Floor Assembly  
Floor Screws: (3) 0.31" Dia. screws per Board on I beams  
Threshold-Finish: Hot Dip Galvanized  
Threshold Plate: 0.13" X 12" Deep Steel Diamond Plate w/ Screws and Nuts  
Threshold-Application: Standard Application

**FRONT**

Front Corner Radius: 4" Extruded Aluminum  
Front Panel & Color - Dry: 0.05" Aluminum Prepainted White w/ natural color rivets  
Front Corner Mat'l - Dry: Extruded Aluminum  
Front Posts: (4) 2.5" Deep (16Ga) Steel Hats - Non AAR  
Gladhands: Phillips Qwik-E with Filters Control Line Only. Overlaid  
Front Receptacle(7-Way): Phillips 7-Way without Circuit Breakers, Split Pins with QCS plug  
Options - Front Receptacle(7-Way): Phillips QCS Plug connector  
Gladhand/7-Way Location: (Interior Harness Routing) Overlaid on Lower Roadside Front  
\* Corner Radius Protector: (2) 0.125" X 12" SMOOTH Alum Each Side at Top

**SIDE**

Side Material: 0.05" Aluminum Prepainted White w/ natural color rivets  
Side Posts: 0.45" Deep 14 Gauge Galv Steel "A" Slotted Logistic Posts  
Side Post Centers: 16" C/L with 12" C/L @ Upper Coupler and Support Gear  
Side Top Rail: Shallow Post Side Top Rail  
Side Bottom Rail: Side Bottom Rail STD  
Fasteners to Bottom Rail: Standard Rivets to attach C/Members to the Side Bottom Rail

**REAR**

Rear Frame: Swing Door, 2.5" New Door Header Standard Trailers (with 1 Lock Rod Per LH & RH Door)  
Rear Door Opening Spec.: Standard Application  
Floor Level: Door to be Flush with Floor (STD)  
Door Type for Dry Van - SW: 0.5" Composite Swing Door. Galvanized Prepainted White Interior & Exterior Skin  
Option - Door (Main Line): Install Standard Anti-Theft Hardware  
Option - Door Install Instruct: Standard Door Installation per Manufacturer's Recommendation  
\* Option - Door & Hardware: One(1) Rubber Door Bumper Standard (1" Deep) on Hinge of each Swing Door  
Door Holder Type for Swing Door: Standard Door Holdback  
Hinges: Four (4) Aluminum Hinges per Door (3" Height)  
\* Additional Hinge Option: Additional One(1) Aluminum Hinge (Total 5 Per Door)  
\* Rear Underride Guard: None (Due to Tuckaway or Slide Away Lift Gate Installation)  
\* Option - Horiz Member/Other: None (Due to Tuckaway Lift Gate Installation)  
\* Underide Bolt Spec.: None (Due to The Tuckaway Lift Gate Installation & Sliding type Suspension Frame)  
\* Dock Bumper: None (Preparation For Future Lift Gate Installation). Delete "Eyebrow" Around Tail Lights  
\* Rear Frame Design: Rear Frame Enclosed Door Sill Design

**LIFT GATE**

\* Lift Gate Furnish: Factory Furnished  
\* Lift Gate Type: Maxon Slide Away GPLSR  
\* Lift Gate-Mounting Method: Bolt On - Slide away / Tuk-away, Extension Plate  
\*\* Lift Gate-Spec Maxon Tuck/Slide-away: GPLSR-44, 86"x72" w/Alum Platform for 102"W Trailer  
**Comment:** Reference Maxon Quote #120485  
\* 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: Single & Dual Pole Receptacle w/Nose Box  
\* Trail Charger Location: MFG's Standard Application  
\* Lift Gate-Additional Option: Install (Or, Prep for Future Install) Lift Gate Manufacturer's Standard Components

**ROOF**

Roof Panel: 0.040" Aluminum  
Roof Bow: 16 Gauge Galvanized Steel Anti-Snag  
Roof Bow Centers: 24" Centers Full Length

**LINING/SCUFF**

Side Lining:	0.235" HDPE Recycled Plastic Installed between Posts
Front Lining:	0.25" Top and 0.5" Bottom plywood Mounted to Front Posts Full Height
* Base Side Scuff:	0.63" x 12" High White Recycled Plastic
Side Scuff Band Mounting Method:	Mounted Directly to Posts
* Front Scuff:	0.63" x 12" High White Recycled Plastic Mounted Over Lining to Front Posts (Overlaid)
* Logistic Track:	(2) Row of "E" Track, Galvanized - Overlaid, Both Side
* Logistic Track Location:	Located at 30" & 60" Floor to Centerline of Track
* Logistic Track Installation:	Standard Installation
Front Corner Lining Support:	Galv Steel Front Corner Liners

**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 Ultraa-K Air Ride
Surelok (Anti-Dock):	Surelok (Anti-Dock) Installed
Locking Pin Mechanism:	Air-Assist Pin Puller or Quik Draw
Susp. Sub-Frame:	Hendrickson ULTRAA-K 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" Drum Brakes
Brake Lining Spec.:	Hendrickson Extended Service H20
Brake Control System:	2S/1M Wabco iABS
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:	Conmet 10 Stud Hub Piloted Outboard Iron Hub with Casting 10083937, Tapered Spindle
Drum Specification:	Conmet Cast Drum
Hub/Drum-Opt(Nut&Other):	Standard
Bearing Specification:	Stemco
* Lubrication Spec.:	Chev Delo (Syn) Grease
Wheel Seals Spec.:	Stemco Platinum Performance Plus, Discover Seals, Sentinel Hub Cap, Pro-Torq Nut
* Hubodometer:	Stemco Hubodometer, Bracket Mounted, Reading in Miles

\* Hubodometer Location: Roadside (LH) Front Axle  
 \* 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 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

**ELECTRICAL**

\* Harness-General Spec.: Molded Color Code Phillips Harness with QCS Plug  
 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 center marker lamps with stop function, and 2  
 outboard marker lamps with turn function  
 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 on Aerodynamic Side Skirt  
 \* Main Mid-Turn Light-Detail Spec: (2) Trucklite 60272Y LED Gray Flange Mounted with Stainless Steel Rivets & Anti-theft  
 brackets  
 \* 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 33805 Anti-Theft Flange  
 \* Dome Lamp-Spec.: Trucklite #80253C LED Dome Lights w/ Clear Lens Recessed into Support Bracket  
 \* Dome Lamp-Quantity: Install (4) Four  
 \* Dome Lamp-Location: Evenly Spaced at C/L of Ceiling to swing door trailers  
 \* Dome Lamp Switch: Recessed Toggle Switch at Lower Rear Curbside & Pressure Switch-Tramec 38046X (HT  
 STD)  
 \* Dome Lamp Circuit Connection: Blue Circuit: Auxiliary Continuous Power (STD Application)  
 \* Pressure Switch Location: Inside Upper Coupler  
 Option Related Harness/Wiring: Standard  
 Electrical Related Regulation: Standard Application

Rev.B

**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: Install Customer Furnished McCollister Decals Per Schematic  
 Decal Opt 2-Decal Location: Standard Application  
 Decal Opt 3-Decal Installation: Standard Application  
 Conspicuity Vendor: 3M  
 Conspicuity Markings: Hyundai Standard Conspicuity with Logo Applied to Side Bottom Rail  
 License Plate: Temporary For Delivery. Fasten On HDG 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. 18" from the bottom of the front sheet between the front  
 post & corner radius on the roadside  
 Warning Decal Install Instruction: HT standard installation

**PAIN/PAINT**

Upper Coupler Finish: Galvanized-Whole upper coupler section

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:	Hot Dip Galvanized
Rear Frame-Paint Color:	None (For Galvanized or Stainless Steel)
* Rear Underride-Finish & Spec.:	None (Due To Tuckaway / Waltco Slide Away Lift Gate Install Or Bogie-Pintle Hook Application)
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
* Aero Dynamic Furnish:	Factory Furnished
* Aero Dynamic Skirt Spec.:	Transtex Edge "E-1930T" Side Skirt-Aero Dynamic Device
* Lift Pad Spec.:	Install HT Occasional use lift pads for delivery
* GPS or ID Supplier:	Customer Furnished
* GPS or ID Specification:	Skybitz GXT5002 Model GPS Only (No Cargo Sensor)
* GPS or ID Install/Instruct:	Install on Exterior Front Panel, on Upper Roadside area

**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.