

HALE

TRAILER

BRAKE & WHEEL



A025649-A025698



VIN: 12051-12100

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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 Composite
Composite New Design:	Composite New Design

GEOMETRY

Length - Exterior:	53'-0"
** Length - Interior:	52'-6" Nominal Lining To Lining
Width - Exterior:	102.36"
** Width - Interior:	101.5" Nominal Lining To Lining
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:	7/32" 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 Qt'y:	(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

FLOOR

Upper Coupler Type:	3.40" Joggled with Exposed Coupler Top Plate (New STD)
* Floor Specification:	1.38" (1-3/8") Net Domestic Laminated Oak Hardwood - Havco Brand Only (10 years warranty)

* Floor Ratings - VT: 20,000 lbs Rated Floor per TTMA
 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 (Bottom Open)
 Front Receptacle(7-Way): Phillips 7-Way without Circuit Breakers, Split Pins with QCS plug
 Front Receptacle(7-Way) - Options: Phillips QCS Plug connector
 * Gladhand/7-Way Location: (Exterior Harness Routing) Overlaid on Lower Roadside Front (STD) - Mounted on external overlaid HDG mounting bracket
 * Corner Radius Protector: (2) 0.125" X 12" SMOOTH Alum Each Side at Top

SIDE

* Composite Side Material: 6.5 mm thick (0.5 outer/inner skin) Composite Panel, Pre-painted White, Both Sides, with natural color rivets
 Side Posts: 14 Gauge Galv Steel 'A' Slotted Logistic Insets with Composite Panel color matching Outer Closure (For Composite New STD)
 Side Post Centers: 48.5" C/L Stiffener (Side Closure) - For Composite
 Side Top Rail: Side Top Rail for Composite (New STD)
 Side Bottom Rail: Side Bottom Rail for Composite (New STD)
 * Skylight-General Spec.: Cluster Sky Light Lens on side wall for 24" or bigger post pitch (Single lens on two panels, next to each other, for 16" or less post pitches.)
 * Skylight-Quantity: Total 5. Both Side Wall Panel. (3) on Roadside and (2) on Curbside
 * Skylight-Location: Composite Both Side Wall Panel Location from Front, Specifically on panels #5, #9 on C/S & #3, #7, #11 on R/S
 * Skylight Height: 101.7# Nominal from floor to centerline of skylight
 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 (1.25" 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: 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.: Geomet bolts & nuts - Standard
 Dock Bumper: Pair 3" X 6" Mold Bolted Bumper
 Rubber Bumper Location: Inboard of Light Protector Bars (Standard)
 * Rear Frame Design: Rear Frame Enclosed Door Sill Design

LEFT GATE

ROOF

Roof Panel: 0.040" Aluminum
 Roof Bow: 16 Gauge Galvanized Steel Anti-Snag

Roof Bow Centers: 24" Centers Full Length

LANDING/SCUFF

Front Lining: 0.25" Top and 0.5" Bottom plywood Mounted to Front Posts Full Height
* Base Side Scuff: 6.0" High Integral Alum (New Composite STD) with Additional scuff (Plastic, Corrugated or Wood)
* Additional Side Scuff: 18Ga x 6.5"H Corrugated Steel Butted to Intergral Aluminum
* Front Scuff: 0.63" x 12" High White Recycled Plastic Mounted Over Lining to Front Posts (Overlaid)

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 (Vantraxx, Intraxx)
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 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: 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 (Syn) Grease
* Wheel Seals Spec.: Stemco Discover Seals, Hub Cap included in tire inflation system, Pro-Torq Nut
* 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 over corner radius. (STD location)

Rev.B

* Tire Inflation Lamp Spec.: 33 Series Lamp

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 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 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 33815 Anti-Theft Flange
Option Related Harness/Wiring: Standard
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
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

PAINT/FINISH

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.: Hot Dip Galvanized & Welded Horizontal Member
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
* Lift Pad Spec.: Install HT Occasional use lift pads for delivery

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.