

HALE

TRAILER

BRAKE & WHEEL



A035260-A035261
VIN: 450401-450402

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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:	48'-0"
** Length - Interior:	47'-6"
Width - Exterior:	102.36"
** Width - Interior:	100" Panel to Panel
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:	11R22.5
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)
Valve Stem & Cap:	Myers TR-572-F19 Valve stem

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:	Stainless Steel, 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 : 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) : 8" C/L
* Running Gear Crossmember:	3" Steel I-Beams (80,000 PSI) : 8" C/L
* Slider Body Rail (VT):	172" 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") Net Domestic Laminated Oak Hardwood - Havco Brand Only (10 years warranty)

* Floor Ratings - VT: 24,000 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
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

SIDE

Side Material: 0.05" Aluminum Prepainted White w/ natural color rivets
* Side Posts: 0.75" Deep 14 Gauge Galv Steel "A" Slotted Logistic Posts w/HDPE Lining
* Side Post Centers: 12" C/L Full Length
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 Equal spring load door hold back No.2449-A CLEVELAND (= Fleet Engineering #023-00024)
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: Additional Process for CLEVELAND Door Hold Back Main Line Installation
Hinges: Four (4) Aluminum Hinges per Door (3" Height)
* Additional Hinge Option: Additional One(1) Aluminum Hinge (Total 5 Per Door)
* Additional Lock Rod Option: Additional Lock Rod - 1 Curbside & 1 Roadside
* Rear Underride Guard: 4" Tube Bolt on Assembly w/ Welded Perforated(Pooched) Horizontal. Rear Impact Guard (RIG30-NEW)
* Option - Horiz Member/Other: Construction of two pieces standard stitch welding
Underide Bolt Spec.: Geomet bolts & nuts - Standard
* Step & Under Ride Accessories Option: Welded Step-Intermediate Step with Perforated material Centered between Rear Impact Vertical Members
Dock Bumper: Pair 3" X 6" Mold Bolted Bumper
Rubber Bumper Location: Inboard of Light Protector Bars (Standard)
* Rear Corner Post Grab Handle: (1)Grab Handle-Low Profile, Chrome Steel Installed to Roadside Exterior Rear Door w/36" Long & Thru Bolted (Bolting Type)
Rear Frame Design: Rear Frame Open Door Sill New Design

LIFT GATE

ROOF

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

LINING/SQUEE

Side Lining: 0.235" HDPE Recycled Plastic Installed between Posts

* Front Lining: 0.50" Ponderosa Plywood Mounted to Front Posts Full Height
 * Ceiling (Roof) Lining: 0.25" Ponderosa Plywood, Full Length & Full Width
 * Base Side Scuff: 0.20" x 24" High Versitex
 * Additional Side Scuff: (1) 18Ga x 12" High Galvanized Corrugated Steel
 Side Scuff Band Mounting Method: Mounted Directly to Posts
 ** Scuff Band Special Direction: Additional Scuff butted above first row of E track (Approximately 35" from Floor to Centerline of scuff)
 * Front Scuff: 0.63" x 12" High Black 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 24" & 48" Floor to Centerline of Track
 * Logistic Track Installation: Standard Installation

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 with "Flying H" Hyundai Logo (Per customer request)
 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: Hutchens
 Suspension Capacity: Standard Duty
 * Hutchens/Holland Susp. Specification: Hutchens H-9700
 * Surelok (Anti-Dock): No Surelok (No Anti-Dock)
 * Locking Pin Mechanism: Manual Pin Puller (Flexi Pull) or (EZ Pull)
 * Susp. Sub-Frame: Hutch Series 10 Slider
 * Type of Susp Spring: Mechanical Leaf Spring
 * Spring Specification: 3 Leaf - Medium Arch (H355-00)
 * Axle Diameter: 5"
 * Axle Supplier: Meritor
 * Axle-General Spec.: Axle - Tandem (2) Axle no included in Suspension w/ 2S1M or 2S2M System
 Axle-Track Length: 77-1/2"
 * Axle-Spindle Type: Parallel Spindle
 Brake Lining Size: 16.5" X 7" Drum Brakes
 * Brake Lining Spec.: Meritor MA212 Q+ (Meritor STD)
 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.: TSE Slack Adjuster Part # TSE07135S. Auto-5.5#, 28 Spline
 * Brake Chamber Spec.: Bendix 3030 Eversure with No Touch Technology (with stroke indicator)
 Stroke Length: MFG's Standard 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 Gear EP5 80-90 oil

Wheel Seals Spec.: Stemco Platinum Performance Plus, Discover Seals, Sentinel Hub Cap, Pro-Torq Nut
Tire Inflation Pressure: 100 PSI

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
Warning Decal Install Instruction: HT standard installation

PAIN/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: 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

Mudflap Bracket design: 1 Piece Bracket

* 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.