

HALE

TRAILER

BRAKE & WHEEL



A027259-A027260



VIN: 481201-481202

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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'-1.5"
Width - Exterior:	102.36"
** Width - Interior:	101"
* Height - Exterior:	13'-0"
* Height - Interior:	104" 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:	Bridgestone R-123(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:	(2) Tubing Application (Pintle Hook / Lift Gate /when harnesses & wires covered with Poly split / etc...) - Joggled
* Front Bottom Rail External Routing	Holes: 1 Slot Hole for Harness and Hoses External Routing

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):	172" Rail Length
Slider Rail Supplier:	Hutchens Slider Rails

FLOOR

Upper Coupler Type:	3.40" Joggled with Exposed Coupler Top Plate (New STD)
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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 (Bottom Open)
* Front Receptacle(7-Way): Phillips 7-Way Without Circuit Breakers, Split Pins w/Q-BOX 16-8510
* 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

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: 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: Roll-Up Door, 6" Roll-Up Header (New Open Design)
Rear Door Opening Spec.: Standard Application
Floor Level: Door to be Flush with Floor (STD)
* Dry Van -WHITING RU: Whiting Roll-Up Door. #B-22888 STD 3/4" Prepainted White Plastic Face Plywood w/ 1184HD Door Hold Open Device
* Option - Door (Sub-Line): Whiting Hold Open Lock #1184HD
Option - Door Install Instruct: Standard Door Installation per Manufacturer's Recommendation
Rear Underride Guard: 4" Tube Bolt on Assembly w/ Welded Perforated(Pooched) Horizontal
Option - Horiz Member/Other: One piece roll formed w/continuous welding
Underide Bolt Spec.: Geomet bolts & nuts - Standard
* Dock Bumper: None (Preparation For Future Lift Gate Installation). Delete "Eyebrow" Around Tail Lights
* Rear Corner Post Grab Handle: (1)Grab Handle-Curbside Integral to Roll-Up Door Post
* Track Protector: 10Ga x 48" High Galvanized Steel Roll-Up Door Track Protector
* Rear Frame Design: Rear Frame Enclosed Door Sill Design

LIFT GATE

* Lift Gate Furnish: Factory Furnished
* Lift Gate Type: Column
* Lift Gate-Mounting Method: Bolt On - Column
** Lift Gate-Spec Maxon Column: BMR-55MG, Galv. Finish with Rollers, Aluminum 84x85(42+ 42 split) Platform,16" ARR, Power Down on Demand, Dual Pump/Motor, Cycle Counter, 20 ft extension kit
Comment: Reference Maxon Quote #106935
* Lift Gate-Detail Spec: Install Lift Gate Manufacturer'S Standard Components
* 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
* Tail Lamp Loc w/Slide-Away Gate: Manufacturer's Recommended Location

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)
 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: Fabricate and Install Spill Kit Bracket by landing gear legs Including (2) chain
 "come-along" device for storage
 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)
 * Air System & Suspension Accesories: Right Weight Load Scale in Weather Proof Box Located Forward of Slide Rail
 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 Rev.B
 Brake Lining Spec.: Hendrickson Extended Service H20 Rev.B
 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 Rev.B
 Brake Chamber Spec.: TSE 3030 Tamper Resist (HT standard) Rev.B
 Stroke Length: MFG's Standard Stroke Length Rev.B
 Hub Specification: Conmet 10 Stud Hub Piloted Outboard Iron Hub with Casting 10083937, Tapered Spindle Rev.B
 Drum Specification: Conmet Cast Drum Rev.B
 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
- * Hubodometer: Stemco Hubodometer, Bracket Mounted, Reading in Miles
- * Hubodometer Location: Curbside (RH) 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 (Sta-Dry)
- Harness-Special Feature: Manufacturer's Standard Feature
- * Front Light: (2) Grote 49333 Yellow Round LED MicroNova Mounted with Grommet
- * Rear ID Header Light: (5) Grote 49362 Red Round LED MicroNova Dual Function (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) Grote 49322 Red Round LED MicroNova 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) Grote 54143Y Oval SuperNova LED with Oval theft resistant flange bracket 43220
- * ABS Light Detail Spec: (1) Grote 49333 LED MicroNova PC Rated with Adjacent ABS Decal
- ABS Light MT'G Location: Mounted on Standard Location on Rear Corner Post - HT STD
- * License Light: (1) Grote 60711 LED DOT Micronova
- * Dome Lamp-Spec.: Phillips 51HY26654 Rectangular LED Dome Lights
- * Dome Lamp-Quantity: Install (3) Three
- * Dome Lamp-Location: Evenly Spaced From Rollup Door in Up Position at C/L of Ceiling
- * Dome Lamp Switch: Recessed Toggle Switch at Lower Rear Curbside & Pressure Switch-Tramec 38046X (HT
STD)
- * Dome Lamp Circuit Connection: Black Circuit: Power from Clearance, Sidemarker & ID lamps
- * Pressure Switch Location: Inside Upper Coupler
- Option Related Harness/Wiring: Standard
- Electrical Related Regulation: Standard Application

MARKING/DECALS

- * HT & Product Type Decal Package: Delete All Hyundai Logos
- * Decal Package: Customer Furnished Owner Decal Package, Specified in Notes
- * Decal Opt 1-Additional Decal: Specified in Notes
- Comment:** Install Customer Furnished Republic Services Decals per Decal 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
- * Furnish Manifest Box: Factory Furnished
- * Manifest Box Detail Spec: (1) James King #200
- * 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
- * Placard Furnish: Factory Furnished
 - * Placards: (3) Three set of Four JJ Keller 12-6943 flip type placards (Total 12) & (3) Three set of Four JJ Keller 12-55320 flip type placards (Total 12) & (3) Three set of Four JJ Keller 12-4792 placard holders (Total 12)
 - * Placards Location: Standard Location

PAIN/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.: None (Due To Tuckaway / Walco 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
- * Lift Pad Spec.: Install HT Occasional use lift pads for delivery
- * GPS or ID Supplier: Customer Furnished
- * GPS or ID Specification: Samsara GPS Asset Gateway-AG52
- * Import export Decals: With HYUZ Decals

DISCLAIMER

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