

# HALE

## TRAILER

### BRAKE & WHEEL



A027258  
VIN: 481401

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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'-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):	208" 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
<b><i>Comment:</i></b>	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

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**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

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**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

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**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 / 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
- \* 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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Equipment availability, prices and specifications are subject to change without notice.