

# HALE

## TRAILER

### BRAKE & WHEEL



A027263  
VIN: 480401

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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:	36'-0"
** Length - Interior:	35'-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:	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 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:	Tuk-A-Way / Folding Lift Gate
* Lift Gate-Mounting Method:	Bolt On - Slide away / Tuk-away, Extension Plate
* Lift Gate-Spec Maxon Tuck/Slide-away:	GPT-5, 60"x80" w/Alum Platform. Galvanized, Maxgrip aluminum platform, 102"W, power down, composite battery box
<b>Comment:</b>	Reference Maxon Quote #93629
* 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:	Tail Lamp (Oval Shape) Located on the Corner Posts for Roll Up Door Only (Not Applicable for Swing Door)

**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:	(4) Grote 53 Series-Oval Style or Equivalent
* S/T/Tail Light-Detail Spec:	(4) Grote 53592R LED(Oval Style) Gray 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) 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
<i>Comment:</i>	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:	None. License plate to be mounted to Tuckaway Liftgate's License plate bracket
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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