

# HALE

## TRAILER

### BRAKE & WHEEL



A030969  
VIN: 544401

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#### GVWR

GVWR:	Trailer to meet 40,000 Pound GVWR
VIN PLATE:	US - VIN Plate to Read in English (Standard)
Product Type:	HT HyCube

#### GEOMETRY

Length - Exterior:	28'-0"
** Length - Interior:	27'-2" Nominal
Width - Exterior:	102.36"
** Width - Interior:	101"
Height - Exterior:	13'-6"
Height - Interior:	110" Nominal
Deck Height:	Standard application
Fifth Wheel Height:	47"
King Pin Location:	30"
Landing Gear Location:	74" from King Pin (+ 1"/-1/4", For Single Axle Tractor)
Pintle Hook & Height:	34"+/-1" Ground to Centerline

#### 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:	1/4" 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

#### 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 (Sea)
Bay Area Crossmember:	4" Steel I-Beams (80,000 PSI) : 12" C/L
Running Gear Crossmember:	4" Steel I-Beams (80,000 PSI) : 8" C/L
Slider Body Rail (VT):	80" HT Fabricated "Z" Rail (For Single Axle Bolting Type)
Slider Rail Supplier:	HT Fabricated "Z" Rail (For Single Axle, Bolting Type)

#### 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
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)
* 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:	16" C/L with 12" C/L @ Upper Coupler and Support Gear
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
Rear Door Opening Spec.:	Standard Application
Floor Level:	Door to be Flush with Floor (STD)
Dry Van -WHITING RU:	Whiting Roll-Up Door. STD 3/4" Prepainted White Plastic Face Plywood
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.:	Stainless steel bolts & nuts - Optional
* Dock Bumper:	None (Preparation For Future Lift Gate Installation). Delete "Eyebrow" Around Tail Lights
* Track Protector:	10Ga X 36" High Galvanized Steel Roll-Up Door Track Protector
Pintle Hook-Main Spec.:	Install Premier 2200 Pintle Hook without Quick Guide
P-Hook Mt'g Plate Finish:	Hot Dip Galvanized
P-Hook Shut Off Valve Spec.:	Standard Application
P-Hook Shut Off Valve Location:	Standard Application
P-Hook 7-way Receptacle:	HT Standard Socket
* Rear Frame Design:	Rear Frame Enclosed Door Sill Design

#### **LIFT GATE**

* Lift Gate Furnish:	Prep. for Future Installation
* Lift Gate Type:	Preparation for Future Column Lift Gate Installation

#### **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)
- \* Logistic Track: (2) Row of "E" Track, Galvanized - Overlaid, Both Side
- \*\* Logistic Track Location: Located at 20" & 36" Floor to Centerline of Track
- \* Logistic Track Installation: Standard Installation
- 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: None (HT STD)
- L/Gear Cross Brace Design: HT Standard Cross Brace attachment Design

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**RUNNING GEAR**

- Bogie Type: Fixed Single(1) Axle Bogie
- Axle Spacing: None (For Single Axle)
- Axle ABS System: Single Axle w/2S1M ABS System
- Bogie & Axle Location: Location to be Fixed at 40" From Rear (Single Axle)
- Option-Related Bogie Stopper Feature: None due to Single axle
- \* Susp. Manufacturer: Hendrickson
- Suspension Capacity: Standard Duty
- \* Hendrickson Susp. Specification: Hendrickson Intraxx AAT23K Air Ride - Single Axle
- Surelok (Anti-Dock): No Surelok (No Anti-Dock)
- \* Susp. Dump Valve: Manual Dump Valve
- Locking Pin Mechanism: None (For Single Axle or Fixed Suspension Application)
- Susp. Sub-Frame: Supplied by Hyundai
- \* Type of Susp Spring: Air Bag
- \* Spring Specification: Air Bag
- \* Axle Diameter: 5.75"
- \* Axle Supplier: Hendrickson
- \* Axle-General Spec.: Axle - Single (1) Axle included in Suspension (For 2S1M System)
- Axle-Track Length: 77-1/2"
- Axle-Spindle Type: Tapered Spindle
- Brake Lining Size: 16.5" X 7" Drum Brakes
- \* Brake Lining Spec.: Hendrickson Extended Service H20
- Brake Control System: 2S/1M Wabco iABS
- Spring Brake Control: Sealco 110500 Springbrake Priority
- \* Brake Cont-Filter & etc.: Install Haldex Relay Valve (Booster Valve)
- 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: 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 (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 at 24.6" from bottom of front panel over

corner radius. (STD location)

\* 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: Do Not Install the Mid turn lamp  
\* 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  
\* Dome Lamp-Spec.: Trucklite #44339C LED Round Dome Lights  
\* Dome Lamp-Quantity: Install (2) Two  
\* 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: Blue Circuit: Auxiliary Continuous Power (STD Application)  
\* Pressure Switch Location: Inside Upper Coupler  
\* Spot Light Location: (1) Flood lamp on Exterior Rear Header C/S  
*Comment:* Wired to dome lights  
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/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: Hot Dip Galvanized for Single Axle Sub-Frame (Frame Only)  
L/Gear(K-Bracing) Finish: Hot Dip Galvanized  
L/Gear(Upper Leg) Finish: Hot Dip Galvanized  
\* Rear Frame-Finish: Stainless Steel  
Rear Frame-Paint Color: None (For Galvanized or Stainless Steel)

* Rear Underride-Finish & Spec.:	Hot dip galvanized & welded horizontal member w/pintle hook (for fixed single axle application)
Rear Underride-Paint Color:	None (For Galvanized or Stainless Steel)

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**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:	Single Axle in house frame (With Pintle Hook)
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, with HYUZ decals

**DISCLAIMER**

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Equipment availability, prices and specifications are subject to change without notice.