

# HALE

## TRAILER

### BRAKE & WHEEL



A029014  
VIN: 492201

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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 Original

#### GEOMETRY

* Length - Exterior:	45'-0"
** Length - Interior:	44'-6"
Width - Exterior:	102.36"
** Width - Interior:	98.5"
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 2:	Michelin X-Line Energy T2, 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:	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:	Galvanized-Whole Upper Coupler section, 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 : 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)
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 28" Deep Steel Diamond Plate w/ Screws and Nuts
Threshold-Application:	Standard Application
<b><u>FRONT</u></b>	
Front Corner Radius:	6" 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 Permalogic without circuit breakers 60-2520
* Gladhand/7-Way Location:	(Exterior Harness Routing) Overlaid on Lower Roadside Front (STD) - Mounted on external overlaid HDG mounting bracket
<b><u>SIDE</u></b>	
Side Material:	0.05" Aluminum Prepainted White w/ natural color rivets
* Side Posts:	1.13" Deep 16 Gauge Galv Steel Hat Shaped Posts
* Side Post Centers:	16" C/L with 12" C/L @ Upper Coupler and Support Gear
Side Top Rail:	Standard 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
<b><u>REAR</u></b>	
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 Standard Anti-Theft Hardware
Option - Door Install Instruct:	Standard Door Installation per Manufacturer's Recommendation
Option - Door & Hardware:	One(1) Rubber Door Bumper (1.25" Deep) on Hinge of each Swing Door
* Door Holder Type for Swing Door:	Lash Type Door Holdbacks with Chain (with Magna-Lok, STD installation)
Hinges:	Four (4) Aluminum Hinges per Door (3" Height)
* Rear Underride Guard:	4" Tube Bolt on Assembly w/ Welded Perforated(Poached) Horizontal. Rear Impact Guard (RIG30-NEW)
* Option - Horiz Member/Other:	Construction of two pieces standard stitch welding
* Underide Bolt Spec.:	Stainless steel bolts & nuts - Optional
* Dock Bumper:	Pair 3 X 5.88 HT High Performance Polyurethane Radius Bumper ATRO Black Color
Rubber Bumper Location:	Inboard of Light Protector Bars (Standard)
* Rear Corner Post Grab Handle:	(4)Grab Handle-Low Profile, Install between 1st & 2nd Hinges, 2nd & 3rd Hinges on C/S & R/S Post
Rear Frame Design:	Rear Frame Open Door Sill New Design
<b><u>LIFT GATE</u></b>	
<b><u>ROOF</u></b>	
* Roof Panel:	0.075" Kemlite XLR Translucent
Roof Bow:	16 Gauge Galvanized Steel Anti-Snag
* Roof Bow Centers:	12" Centers Full Length
<b><u>LINING/SCUFF</u></b>	
* Side Lining:	0.50" Ponderosa Plywood Mounted Horizontally
* Front Lining:	0.50" Ponderosa Plywood Mounted to Front Posts Full Height
* Option-Related Lining:	To accommodate with Recess E track installation without back strip
* Base Side Scuff:	0.75" x 12" High Laminated Hardwood
Side Scuff Band Mounting Method:	Mounted Directly to Posts
* Front Scuff:	0.75" x 12" High Laminated Hardwood Mounted Over Lining to Front Posts (Overlaid)
* Logistic Track:	(2) Row of "E" Track, Galvanized - Recessed, Both Side

- \* Logistic Track Location: Located at 24" & 60" Floor to Centerline of Track
- \* Logistic Track Installation: Recess Installation without back strip
- \* Front-Cargo Cont, Track, Rub Rail (Spec): (2) Row of "E" Track, Galvanized, Recessed without back strip on interior Front Wall
- \* Front-Cargo Cont, Track, Rub Rail (Loc.): Located at 24" & 60" Floor to Centerline of Track
- 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: 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: Hendrickson
- Suspension Capacity: Standard Duty
- \* Hendrickson Susp. Specification: Hendrickson Ultraa-K Air Ride
- Surelok (Anti-Dock): Surelok (Anti-Dock) Installed
- Locking Pin Mechanism: Air-Assist Pin Puller or Quik Draw
- \* Susp. Sub-Frame: Hendrickson ULTRAA-K STD Duty
- 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
- Brake Lining Spec.: Hendrickson Extended Service H20
- \* Brake Control System: 2S/1M Bendix TABS ABS System
- \* Spring Brake Control: Bendix SR-5 Springbrake Priority & Quick Release On Rear Chamber Emergency ports
- Brake Cont-Hose & etc...: Standard Air Line & Hose Application (US&Canada)
- \* Slack Adjuster Spec.: Bendix Versajust 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
- \* Axle Configuration: Axle included in Suspension

#### **ELECTRICAL**

- \* Harness-General Spec.: Molded Color Code Truck Lite Harness (88 Series)
- 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 60420Y LED Flange Mounted w/ Stainless Steel Ring
* 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 #80253C LED Dome Lights w/ Clear Lens Recessed into Support Bracket
* Dome Lamp-Quantity:	Install (3) Three
* Dome Lamp-Location:	Located at 12',24' and 36' from front of trailer
* Dome Lamp Switch:	Permalogic with (1) Phillips Momentary toggle Switch at Lower Rear Curbside
* Dome Lamp Circuit Connection:	Blue Circuit: Auxiliary Continuous Power (STD Application)
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) Trucklite 97960
* Document Holder/Manifest Loc.:	Overlaid on Lower C/T Front

#### **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:	Black Undercoating
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.:	Stainless Steel
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 (For Ultraa-K)
* Mudflap Mounting Method/Install:	Mounted on Ultraa-K Susp. w/ H.D Washer Retainer
Mudflap Bracket design:	1 Piece Bracket

#### **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.