

# HALE

## TRAILER

### BRAKE & WHEEL



**A020130**  
**VIN: 412801**

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**800-232-6535** \*FINANCING AVAILABLE

#### 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:	40'-0"
** Length - Interior:	39'-1.5"
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:	36"
Landing Gear Location:	107" from King Pin (+ 1"/-1/4")

#### 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:	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:	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:	(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):	172" Rail Length

#### 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 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  
Front Receptacle(7-Way) - Options: Phillips QCS Plug connector  
Gladhand/7-Way Location: (Interior Harness Routing) Overlaid on Lower Roadside Front

**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 (New Design)  
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: Construction of two pieces standard stitch welding  
Underide Bolt Spec.: Zinc plated bolts & nuts - Standard  
\* Dock Bumper: None (Preparation For Future Lift Gate Installation). Delete "Eyebrow" Around Tail  
Lights & Standard 3" x 6" Rubber Bumper for Bogie Stopper on slider rail  
\* 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 With Header  
\* Lift Gate-Mounting Method: Bolt On - Column  
\*\* Lift Gate-Spec Others Column: Leyman FXD55, 84" x 86" + 16" Aluminum Retention Ramp  
*Comment:* Reference Leyman Quote #20174632  
\* 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

Rev.B

**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: 18Ga x 10.25" High Galvanized Corrugated Steel

Mounting Method: Mounted Directly to Posts  
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 K-2 STD Duty  
Type of Susp Spring: Air Bag  
Spring Specification: Air Bag  
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"  
Brake Lining Spec.: Hendrickson Extended Service (Abex-3030-197)  
Brake Control System: 2S/1M Wabco ABS  
Spring Brake Control: Sealco 110500 Springbrake Priority  
Brake Cont-Hose & etc.: Standard Air Line & Hose Application (US&Canada)  
Slack Adjuster Spec.: Gunite Auto-5.5", 28 Spline  
Brake Chamber Spec.: TSE 3030 Tamper Resist (HT standard)  
Stroke Length: MFG's Standard Stroke Length  
Hub Specification: HT Standard (KIC) 10 Stud Hub Piloted Outboard Iron Hub  
Drum Specification: HT Standard (KIC) 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

**ELECTRICAL**

Harness-General Spec.: Molded Color Code Phillips Harness with QCS Plug with Locking Device connector  
Harness-Special Feature: Manufacturer's Standard Feature  
Front Light: (2) Phillips 51-HY37323 Amber 3/4" Penny, PC Rated  
\* Rear ID Header Light: (5) Phillips 51-HY38322 Red Dual Function 3/4" Penny, PC Rated  
\* 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) Phillips 51-HY37322 Red 3/4" Penny, PC Rated 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) Phillips 51-HY60303-0 LED 6.5" Oval MidTurn/Marker - Amber Surface Mount with Stainless Steel Rivets

ABS Light Detail Spec: (1) Phillips 51-HY37323 Amber 3/4" Penny, PC Rated w/anti-theft hardware

ABS Light MT'G Location: Mounted on Standard Location on Rear Corner Post - HT STD

\* License Light: (1) Phillips 51-HY37721-0 (Button Style, Clear) with Grommet (19mm Hole Required)

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

**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.: Hot Dip Galvanized & Welded Horizontal Member

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: Mounted on Ultraa-K Susp. w/ H.D Washer Retainer

**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.