

# HALE

## TRAILER

### BRAKE & WHEEL



A016525-A016574

VIN: 173101-173150

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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'-6" Nominal Lining To Lining |
| Width - Exterior:      | 102.36"                         |
| ** Width - Interior:   | 101" Nominal Lining To Lining   |
| 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:  | 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:   | (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 (Sea)                 |
| 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  |

#### 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:         | (Exterior Harness Routing) Overlaid on Lower Roadside Front (STD) - Mounted on external overlaid HDG mounting bracket |
| * Corner Radius Protector:         | (2) 0.125" X 12" Alum Diamond Plate 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              |
| * Side Sub Options:       | Additional A-Slotted holes in Rearmost Position to use as Logistic Slots |

#### **REAR**

|                                  |  |
|----------------------------------|--|
| 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: | Standard Door Holdback   |
| Hinges:                          | Four (4) Aluminum Hinges per Door (3" Height)  |
| * Additional Hinge Option:       | Additional One(1) Aluminum Hinge (Total 5 Per Door)  |
| Rear Underride Guard:            | 4" Tube Bolt on Assembly w/ Welded Perforated(Poached) Horizontal. Rear Impact Guard (RIG30-NEW) |
| Option - Horiz Member/Other:     | One piece roll formed w/continuous welding   |
| Underide Bolt Spec.:             | Zinc plated bolts & nuts - Standard  |
| Dock Bumper:                     | Pair 3" X 6" Mold Bolted Bumper  |
| Rubber Bumper Location:          | Inboard of Light Protector Bars (Standard)   |
| Rear Frame Design:               | Rear Frame Enclosed Door Sill Design   |

#### **LIFT GATE**

#### **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   |
| * 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:            | 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 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  |
| 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"  |
| 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.:                                | Wabco Auto-5.5", 28 Spline EasyFit (No Grease)  |
| * Brake Chamber Spec.:                                 | Wabco Premium Chamber   |
| * Stroke Length:                                       | 3" Long 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 (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 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:               | Install the Mid turn lamp  |
| Mid-Turn Mounting Method:          | Mounting Bracket   |
| * Main Mid-Turn Light-Detail Spec: | (2) Trucklite 60272Y LED Gray Flange Mounted with Stainless Steel Rivets & Anti-theft brackets |
| 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  |
| 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. 18" from the bottom of the front sheet between the front post & corner radius on the roadside                   |

#### **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:             | 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 Loc.: | Suspension frame (Tandem/Single axle frame without P.H.)                      |
| Mudflap Mounting:      | STD Location w/ H.D Washer Retainer   |
| * Lift Pad Spec.:      | Install HT Occasional use lift pads for delivery, with HYUZ decals            |

#### **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.