

HALE

TRAILER

BRAKE & WHEEL



Original

A037177-A037187
VIN: 501401-501411

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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 Original

GEOMETRY

* Length - Exterior: 45'-0"
** Length - Interior: 44'-2" Nominal
Width - Exterior: 102.36"
** Width - Interior: 98.5"
* Height - Exterior: 11'-6"
* Height - Interior: 86" 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: General HT+ (G), Long Haul Trailer Tire & Low Rolling Resistance
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/10 Stud Holes (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: (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 6" C/L Last 4'
** Slider Body Rail (VT): 208" HT Fabricated "Z" Rail (For Single Axle Bolting Type)
Comment: Please keep 208" per customer request
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)
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 1 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: 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
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)

SIDE

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: 24" 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

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. 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(Poched) Horizontal
Option - Horiz Member/Other: One piece roll formed w/continuous welding
Underide Bolt Spec.: Geomet bolts & nuts - Standard
* 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)
* Track Protector: 10Ga x 60" High Galvanized Steel Roll-Up Door Track Protector
* Door Accessories: Roll Up Door Standard Door Components
Rear Frame Design: Rear Frame Open Door Sill New Design

LIFT GATE

ROOF

* Roof Panel: 0.075" Kemplite XLR Translucent
Roof Bow: 16 Gauge Galvanized Steel Anti-Snag
Roof Bow Centers: 24" Centers Full Length

LINING/SCUFF

* Side Lining: 0.25" Ponderosa Plywood Mounted Horizontally
* Front Lining: 0.50" Ponderosa Plywood Mounted to Front Posts Full Height
Base Side Scuff: 18Ga x 10.25" High Galvanized Corrugated Steel
Side Scuff Band Mounting Method: Mounted Directly to Posts
* Logistic Track: (2) Row of "E" Track, Galvanized - Overlaid, Both Side
* Logistic Track Location: Located at 36# & 48# 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: 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 47" From Rear (Single Axle)
 Option-Related Bogie Stopper Feature: None due to Single axle
 Susp. Manufacturer: Hutchens
 Suspension Capacity: Standard Duty
 Hutchens/Holland Susp. Specification: Hutchens H-9700 - Single Axle
 Surelok (Anti-Dock): No Surelok (No Anti-Dock)
 Locking Pin Mechanism: None (For Single Axle or Fixed Suspension Application)
 Susp. Sub-Frame: Supplied by Hyundai
 Type of Susp Spring: Mechanical Leaf Spring
 Spring Specification: 3 Leaf - Medium Arch (H355-00)
 Axle Diameter: 5"
 * Axle Supplier: Hendrickson
 Axle-General Spec.: Axle - Single (1) Axle no included in Suspension w/ 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 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
 Brake Chamber Spec.: TSE 3030 Tamper Resist (HT standard)
 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 Discover Seals, Hub Cap included in tire inflation system, Pro-Torq Nut
 * Tire Inflation Spec.: Hendrickson Tire Maax PRO 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.: Phillips 51-HY37321 Mini Button Style Clear Lamp with Grommet
 * Axle Configuration: Axle No included in Suspension

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 center marker lamps with stop function, and 2 outboard marker lamps with turn function
 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: (4) Phillips Round Style or Equivalent

* S/T/Tail Light-Detail Spec: (4) Phillips 51-HY40202 4" Round STT Mounted w/Stainless Steel Ring 51-40904

* 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)

* Dome Lamp-Spec.: Phillips 51-HY26664 Rectangular LED Dome Lights w/locking device type connector

* 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

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. Range from 12# up to 18" from the bottom of the front sheet

Warning Decal Install Instruction: HT standard installation

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 (Include Bogie Crossmembers)

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: STD Location 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.