

HALE

TRAILER

BRAKE & WHEEL



A031750-A031756
VIN: 537601-537607

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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"
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:	General HT+ (G), Long Haul Trailer Tire & Low Rolling Resistance
Tire Size:	295/75R22.5
Wheel Furnish:	Factory Furnished
* Wheel Material:	All Aluminum Wheel
* Wheel Manufacturer:	Alcoa
* Wheel Size:	8.25 x 22.5, 10-Hole (Aluminum, Inner & Outer)
* Wheel Finish for Steel:	None (Due to All Aluminum Wheel Application)
Tire Stem Valve Position:	Dual Wheel Steel / Aluminum / Combo (STD 180°outboard & straight inboard)
* Wheel Finish for Aluminum:	Aluminum Disc Outer & Inner Mill Finish
* Wheel Accessories:	Install Wheel Separator (Spacer) between Disc Wheels and Wheel vs Drum
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 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)

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
* Side Rub Rail:	(1) Alum Exterior Rub Rail (E15-032 One 1-1/8" Tear Drip) on Each Side-Total 2. No Higher than 6" above Bottom Rail.
* Skylight-General Spec.:	Single Sky Light Lens
* Skylight-Quantity:	Total 6. Both Side Wall Panel. (3) on Roadside and (3) on Curbside
* Skylight-Location:	Evenly Spaced Both Side Wall Panel from Front (Not Staggered)
* Skylight Height:	101.7# Nominal from floor to centerline of skylight
Fasteners to Bottom Rail:	Standard Rivets to attach C/Members to the Side Bottom Rail

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.:	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)
* Rear Frame Design:	Rear Frame Enclosed Door Sill Design

LEFT GATE

ROOF

Roof Panel:	0.040" Aluminum
Roof Bow:	16 Gauge Galvanized Steel Anti-Snag
Roof Bow Centers:	24" Centers Full Length

LINING/SQUEE

Side Lining:	0.235" HDPE Recycled Plastic Installed between Posts
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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
Side Scuff Band 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:	Minimum 12" Ground Clearance Per AAR
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 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 Platinum Performance Plus, Discover Seals, Sentinel Hub Cap, Pro-Torq Nut
* Hubodometer:	Stemco Hubodometer, Bracket Mounted, Reading in Miles
* Hubodometer Location:	Curbside (RH) Rear Axle
Tire Inflation Pressure:	100 PSI
* Axle Configuration:	Axle 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 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:	(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-HY26644 Rectangular LED Motion Sensor Dome Lights w/Locking Device Connectors
* Dome Lamp-Quantity:	Install (3) Three
* Dome Lamp-Location:	Evenly Spaced at C/L of Ceiling to swing door trailers
* Dome Lamp Switch:	Permalogic with (1) Phillips Momentary toggle Switch at Lower Rear Curbside
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

Rev.B

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 Location:	Suspension frame (Tandem/Single axle frame without P.H.)

* 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.