

HALE

TRAILER

BRAKE & WHEEL



A037691-A037739

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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
Width - Exterior:	102.36"
** Width - Interior:	101" lining to lining Nominal
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:	Customer Furnished
* Tire Manufacturer:	Double Coin FT105
Tire Size:	295/75R22.5
* Wheel Furnish:	Customer Furnished
Wheel Material:	All Steel Wheel
* Wheel Manufacturer:	Accuride
Comment:	*UTSI To Advise Exact Wheel Spec
Wheel Size:	8.25 x 22.5, 5-Hand Hole/10 Stud Holes (Steel, Inner & Outer)
* Wheel Finish for Steel:	Powder Coated Black 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:	TR-572 Valve Stem# 8900HALNC for use w/PSI; w/o Cap

UPPER COUPLER

* Approach Plate:	5/16" thick 50,000 Lb Yield - 6 Support Channels
* King Pin (BTM Main) Plate:	5/16" thick 50,000 Lb Yield
King Pin & Manufacturer:	Standard (Jost) AAR Cruciform King Pin
* Front Bottom Rail:	Stainless Steel, 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 : 10" C/L
* Landing Gear Crossmember:	4" Steel I-Beams (80,000 PSI) : 9" C/L (6" On Forward Edge : 7ea)
* Bay Area Crossmember:	4" Steel I-Beams (80,000 PSI) : 8" C/L
* Running Gear Crossmember:	4" Steel I-Beams (80,000 PSI) : 8" C/L
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 (STD)
* Floor Specification:	1.38" (1-3/8") Net Domestic Laminated Oak Hardwood - Havco Brand Only (10 years)

	warranty)
* Floor Ratings - VT:	24,000 lbs Rated Floor per TTMA
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) 3.2" Deep (16Ga) Steel Hats
* Gladhands:	Phillips Qwik-E with Filters Control Line Only. Swivel Type w/ Recessed in Pan
* Front Receptacle(7-Way):	Phillips 7-Way w/15 AMP Circuit Breakers, Split Pins
* Gladhand/7-Way Location:	(Interior Harness Routing) Recessed on Lower Roadside
* Corner Radius Protector:	Install (2) Customer Furnished Wrap Around Rub Rail RADIUS ONLY Each Side At Top. Portions to Wrap radius and stop at first front post. Radius Protectors to be Spaced 2" Apart

Comment: Rail Plugs To Be HT Furnished.

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:	Install Customer Furn. (1) Alum Exterior Rub Rail (E15-032 One 1-1/8" Tear Drip) on Each Side-Total 2. No Higher than 6" above Btm Rail & Stop Rub Rail to avoid Lock Rod Interference when Doors are opened. Rub Rail to Wrap Radius and Stop at 1st FT P
Comment:	*LGSi will ship and furnish the Rub Rails & Wrap Around Portion* Rail Plugs to be HT Furnished.
* Fasteners to Bottom Rail:	Steel Bolts/Nuts to attach C/Members to the Side Bottom Rail
* Side Main Options:	To accommodate with 0.25 thick Rear Corner Post

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
* Option - Related Rear Frame:	Install "L" Shaped Brackets to the Door Sill to Protect the Lower Cam & Bumper Bar between bottom Two Hinges (tapered to allow room to remove hinges)
* Option - Related Corner Post:	0.25" Thick rear corner posts & Install 1/2" thick hinge protector between 1st & 2nd Hinge straps
Floor Level:	Door to be Flush with Floor (STD)
* Option - Related Door Sill:	Add Rear frame insert with S/T/T lamps installed below door sill
Door Type for Dry Van - SW:	0.5" Composite Swing Door. Galvanized Prepainted White Interior & Exterior Skin
Option - Door Install Instruct:	Standard Door Installation per Manufacturer's Recommendation
* Option - Door & Hardware:	Two(2) Rubber Door Bumpers (1.25" Deep) on Hinges of each Swing Door. Total (4) Rubber Bumpers per Trailer
Comment:	Install (1) additional rubber door bumper. Total (2) hinges per side. Doors must be as snug as possible to the side when doors are open. Use appropriate door bumper size to ensure tightness
Door Holder Type for Swing Door:	Standard Door Holdback
* Hinges:	Four (4) Aluminum Hinges per Door
* 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.:	Geomet bolts & nuts - Standard
* Step & Under Ride Accessories Option:	No Step, However, Apply bolted vertical post extension to the rear sill w/ Welding to

	Impact Guard both side
* Dock Lock Option:	Weld On K-Brace (Dock Lock) at Center
* Dock Bumper:	Steel Bumper "L" Shaped Bracket
Rubber Bumper Location:	Inboard of Light Protector Bars (Standard)
* Rear Corner Post Grab Handle:	(1)Grab Handle-Low Profile, Installed between 2nd and 3rd Hinges (from bottom) on Curb Side
Rear Frame Design:	Rear Frame Open Door Sill New Design

LIFT GATE

ROOF

Roof Panel:	0.040" Aluminum
Roof Bow:	16 Gauge Galvanized Steel Anti-Snag
* Roof Bow Centers:	12" Centers Full Length

LINING/SCUFF

Side Lining:	0.235" HDPE Recycled Plastic Installed between Posts
* Front Lining:	6.5mm thick Composite Panel, 80K PPW Galv. Steel both sides, Mounted to Front Posts Full Height, with 48" height at Bottom Panel
* Ceiling (Roof) Lining:	18GA Corrugated Steel Full Length & Full Width for the rear 15ft of trailer. (2) Rows x 12" Nom. Wide 18GA Corrugated Steel Full Length and Centered Between Roof Scuff Edges
	Comment: Minimum of 3 fasteners per roof bow for each section of scuff
* Base Side Scuff:	12Ga x 18" Smooth Steel Leg Below Floor
Side Scuff Band Mounting Method:	Mounted Directly to Posts
* Option-Related Scuff:	Side Scuff under Floor to be solid welded including to rear frame and front corners
** Roof Scuff-Corner:	12GA Flat Steel X 24" Wide Nominal Material. Roll To Contour Top Rail, Full Length each Side. Scuff to be Fastened to Roof Bow and Riveted to Vertical Leg of Top Rail
* Logistic Track:	(3) Row of "E" Track, Galvanized - Overlaid, Both Side
* Logistic Track Location:	Located at 32.5", 54.5" & 67.5" Floor to Centerline of Track
* Logistic Track Installation:	Standard Installation
Front Corner Lining Support:	Galv Steel Front Corner Liners

LANDING GEAR

* L/Gear Spec.:	Jost HT451.G3.17.157 Magnum 10 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 w/slot hole & Integrated Crank Holder on Landing Gear Bracket
	Comment: *RUNNING CHANGE: May Lot to have Roadside w/slot hole & Integrated Crank Holder on Landing Gear Bracket
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:	Hutchens
Suspension Capacity:	Standard Duty
* Hutchens/Holland Susp. Specification:	Hutchens H-9700
* Surelok (Anti-Dock):	No Surelok (No Anti-Dock)
* Locking Pin Mechanism:	Manual Pin Puller (Flexi Pull) or (EZ Pull)
* Susp. Sub-Frame:	Hutch Series 10 Slider
* 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 - Tandem (2) Axle no included in Suspension w/ 2S1M or 2S2M System
Axle-Track Length:	77-1/2"
* Axle-Spindle Type:	Parallel Spindle
Axle Configuration:	Axle included in Suspension
* Brake Lining Size:	Knorr/Bendix ADB22X disc brakes, standard service wheel end 1 year
* Brake Lining Spec.:	Disc Brakes
** Brake Control System:	2S/1M Wabco ABS. ECU installed in separate Bracket
* Spring Brake Control:	Sealco 110700 Service Reservoir Priority
* Brake Cont-Filter & etc.:	Install Sealco 2550 In-Line Filter On Emergency Line & Wabco Screen Filter 432-500-005-0 On Service Line
Brake Cont-Hose & etc.:	Standard Air Line & Hose Application (US&Canada)
* Slack Adjuster Spec.:	None Due to Air Disc Brake Application
* Brake Chamber Spec.:	Knorr/Bendix ADB22X 18/24 (Disc Brake System)
* Stroke Length:	None due to Air Disc Brake
* Hub Specification:	Included in Air Disc Brake Package
* Drum Specification:	None Due to Air Disc Brake Application
Hub/Drum-Opt(Nut&Other):	Standard
* Bearing Specification:	Included in Air Disc Brake Package
* Lubrication Spec.:	Synthetic Semi-fluid Grease Included in Air Disc Brake Package
* Wheel Seals Spec.:	Grease Included in Air Disc Brake Package
* Hubodometer:	Stemco Hubodometer, Bracket Mounted, Reading in Miles
* Hubodometer Location:	Roadside (LH) Front Axle
* Tire Inflation Spec.:	Hendrickson Tire Maax Inflation System for LOOSE AXLES Dressed only (Hub Cap NOT included, "Hendrickson axle include the hub caps")
* Tire Inflation Pressure:	105 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.:	33 Series Lamp

ELECTRICAL

** Harness-General Spec.:	Molded Color Code Grote Harness Oval molds with front terminal rings
Harness-Special Feature:	Manufacturer's Standard Feature
* Front Light:	(2) Trucklite 33275Y LED PC Rated Mounted with Grommet
* Rear ID Header Light:	(3) Trucklite 33275R LED Mounted with Grommet
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 on Aerodynamic Side Skirt
* 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
Option Related Harness/Wiring:	Standard
Electrical Related Regulation:	Standard Application

MARKING/DECALS

* HT & Product Type Decal Package:	Delete All Hyundai and Vendor Logos except for VIN plate
* Decal Package:	Customer Furnished Owner Decal Package, Specified in Notes
** Decal Opt 2-Decal Location:	Stencil 4" High Black Unit Numbers on R/S and C/S rear sidewalls, 2ft below top rail
* Decal Opt 3-Decal Installation:	Specified in Notes

* Conspicuity Vendor:	Avery
* Conspicuity Markings:	Hyundai Standard Conspicuity without Logo Applied to Side Bottom Rail
* License Plate:	Customer Furnished License Plates. Fasten on HDG Mounting Plate w/ SUS Rivets
* License Plate Brk't Install:	License Plate Bracket to be mounted on Center of Rear Sill Lower STD bracket for swing door
Furnish Document Holder:	Factory Furnished
Document Holder Detail Spec:	(1) Phillips 16-802
** Document Holder/Manifest Loc.:	Overlaid on Lower R/S Front
* Placard Furnish:	Factory Furnished
* Placards:	(2) Two Set of Four Placard Holder (Total 8)
* Placards Location:	Standard Location
Warning Decal Install Instruction:	HT standard installation

PAIN/FINISH

* Upper Coupler Finish:	Stainless Steel-Forward Section w/ Black Undercoating inside of Upper Coupler
* Crossmembers Finish:	Prime & Black Undercoating for ALL Steel Crossmembers (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" Mudflap with Customer Name
* Mudflap Mounting Location:	Suspension frame (Tandem/Single axle frame without P.H.)
* Mudflap Mounting Method/Install:	Mounted with Betts B-33 mudflap hanger
* Aero Dynamic Furnish:	Factory Furnished
* Aero Dynamic Skirt Spec.:	Ridge Green Wing Side Skirt - Aero Dynamic Device
* Lift Pad Spec.:	(4) 16GA Galvanized Steel. Front-4ft Long(Approx), Rear-5ft Long(Approx) at Rear Wheel.

DISCLAIMER

Specifications are for the equipment at the time it was produced and may not accurately reflect its current condition. Photographs are the representative of the subject equipment but may not be identical. Equipment availability, prices and specifications are subject to change without notice.