

HALE

TRAILER

BRAKE & WHEEL



A028783-A028785
VIN: 497201-497203

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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:	40'-0"
** Length - Interior:	39'-2" Nominal
Width - Exterior:	102.36"
** Width - Interior:	98.75"
* Height - Exterior:	13'-0" (Interior Height : 102.5" Front / 104.5" Rear - 2" Wedge)
* Height - Interior:	102.5" Front / 104.5" Rear - 2" Wedge
* Wedge Feature:	2.0" Wedge
Deck Height:	Standard application
Fifth Wheel Height:	47"
* King Pin Location:	36"
* Landing Gear Location:	98" from King Pin (Nominal)

TIRES & WHEELS

Tire Furnished:	Factory Furnished
Tire Manufacturer:	General HT+ (G), Long Haul Trailer Tire & Low Rolling Resistance
* Tire Size:	11R22.5
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:	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:	No Tubing Application due to Floor Over upper coupler
* Front Bottom Rail External Routing Holes:	1 Slot Hole for Harness and Hoses External Routing

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) : 9" C/L (6" On Forward Edge : 7ea)
Bay Area Crossmember:	4" Steel I-Beams (80,000 PSI) : 12" C/L
* Running Gear Crossmember:	3" Steel I-Beams (80,000 PSI) : 8" C/L
* Slider Body Rail (VT):	120" HT Fabricated "Z" Rail (For Single Axle Bolting Type)
Slider Rail Supplier:	HT Fabricated "Z" Rail (For Single Axle, Bolting Type)
* Base Misc. Option for Sub Line:	(19) Rows of Steel 2005S Recessed F-Track, running widthwise, starting 12" from front scuff on 24" intervals except two at 25# & 11#. Floor & Ceiling track holes align

FLOOR

* Upper Coupler Type:	3.40" Floor Over Coupler and Running to Front (Not Joggled,NEW)
* Floor Specification:	1.50" (1-1/2") 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 28" 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 (Bottom Open)
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" SMOOTH Alum Each Side at Top

SIDE

Side Material:	0.05" Aluminum Prepainted White w/ natural color rivets
Side Posts:	1.25" 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:	Heavy Duty Standard Side Top Rail
Side Bottom Rail:	Side Bottom Rail STD
* Side Door for Curbside(RH):	(1) One Side Door on Curbside(R/H). Single Opening Side Door
** Side Door Size:	Approx. 48"W x 84"H (Min) Opening. Single Opening Side Door
* Side Door Frame Finish:	Hot Dip Galvanized Side Door Frame
* Side Door Location:	Approx. 199.7" from Exterior Front to Centerline of Door. Curbside(RH) only
* Side Door Open Direction:	Door to open to Front of Trailer for Single Opening Curbside (R/H) Door
* Side Door Hardware (Step):	Fixed Step w/ Grab Handle
* Side door locking rod:	2 Points Locking Rod Design
* Fasteners to Bottom Rail:	Stainless Steel Bolts/Zinc Nuts 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. Premium Plate
Option - Door Install Instruct:	Standard Door Installation per Manufacturer's Recommendation
Rear Underride Guard:	4" Tube Bolt on Assembly w/ Welded Perforated(Poached) Horizontal
Option - Horiz Member/Other:	One piece roll formed w/continuous welding
Underide Bolt Spec.:	Geomet bolts & nuts - Standard
* Step & Under Ride Accessories Option:	Welded Step-Curbside, Bolted vertical post extension to the rear sill
* Dock Bumper:	Pair 3 X 5.88 HT High Performance Polyurethane Radius Bumper ATRO Black Color
* Rubber Bumper Location:	In between Tail Lights
* Rear Corner Post Grab Handle:	(1)Grab Handle-Curbside Integral to Roll-Up Door Post
* Track Protector:	10Ga x 48" 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" Kemlite XLR Translucent
Roof Bow:	16 Gauge Galvanized Steel Anti-Snag

* Roof Bow Centers:	12" Centers Full Length
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LINING/SCUFF

* Side Lining:	0.063" Dymondply (Ridge70 series) w/0.2" offset Liner Full Height w/special torx wafer head screw fastener 1/4 x 3/8" (w/11 Per Liner between Post) (Overlapping 1" scuff band)
* Front Lining:	0.75" Ponderosa Plywood Mounted to Front Posts Full Height
* Ceiling (Roof) Lining:	(19) Rows F-Track, running widthwise IN CEILING & under roll up door. Floor & Ceiling track holes align
* Base Side Scuff:	0.63" x 12" High Black Recycled Plastic
Side Scuff Band Mounting Method:	Mounted Directly to Posts
* Front Scuff:	0.63" x 12" High Black 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:	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 84" From Rear (Single Axle)
Option-Related Bogie Stopper Feature:	None due to Single axle
* Susp. Manufacturer:	Hendrickson
Suspension Capacity:	Standard Duty
* Hendrickson Susp. Specification:	Hendrickson Intraxx AANT23K Air Ride - Single Axle, with Limited Jounce Suspension and 17" Ride Height and ZMD Air Spring
Surelok (Anti-Dock):	No Surelok (No Anti-Dock)
* Susp. Dump Valve:	Auto Dump Valve
Locking Pin Mechanism:	None (For Single Axle or Fixed Suspension Application)
Susp. Sub-Frame:	Supplied by Hyundai
* Type of Susp Spring:	Air Bag
* Spring Specification:	Air Bag
* Axle Diameter:	5.75"
* Axle Supplier:	Hendrickson
* Axle-General Spec.:	Axle - Single (1) Axle included in Suspension (For 2S1M System)
Axle-Track Length:	77-1/2"
Axle-Spindle Type:	Tapered Spindle
** Brake Lining Size:	Hend. Maxx22T disc brakes, Standar service (1 year warrantly) wheel end
* Brake Lining Spec.:	Disc Brakes
* Brake Control System:	2S/1M Haldex Full Function ABS Valve (Spring Brake Priority)
* Spring Brake Control:	None (Included in Full Function/Module System Valve)
Brake Cont-Hose & etc.:	Standard Air Line & Hose Application (US&Canada)
* Slack Adjuster Spec.:	None Due to Air Disc Brake Application
* Brake Chamber Spec.:	Included in Air Disc Brake Package
* 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
* Dust Shield:	Included in Air Disc Brake Package
* Tire Inflation Spec.:	Hendrickson Tire Maax PRO Inflation System for SUSPENSION with Dressed Axle (Hub Cap NOT included, "Hendrickson suspension-axle include the hub caps")
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.:	33 Series Lamp
* Axle Configuration:	Axle included in Suspension

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 60420Y LED Flange Mounted with Stainless Steel Rivets
* 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
* Dome Lamp-Spec.:	Trucklite #80253C LED Dome Lights w/ Clear Lens Recessed into Support Bracket
* 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:	Black Circuit: Power from Clearance, Sidemarker & ID lamps
* 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

PAIN/PAINT/PAINT

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

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Equipment availability, prices and specifications are subject to change without notice.