

HALE

TRAILER

BRAKE & WHEEL



A038648-A038650
VIN: 516601-516603

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GVWR

Material no.: 30024973

* GVWR:	Trailer to meet 80,000 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" Panel to Panel
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/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:	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:	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 : 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) : 10" C/L
* Running Gear Crossmember:	4" Steel I-Beams (80,000 PSI) : 10" C/L with 8" C/L Last 3.4'
* Slider Body Rail (VT):	312" Rail Length
Slider Rail Supplier:	Hutchens Slider Rails

FLOOR

Upper Coupler Type:	3.40" Joggled with Exposed Coupler Top Plate (New STD)
* Floor Specification:	1.25" (1-1/4") Havco Composite Laminated Wood
* 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) 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
Options - Front Receptacle(7-Way):	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:	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:	Heavy Duty Shallow Post Side Top Rail for 80K or more GVWR
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:	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 Equal spring load door hold back No.2449-A CLEVELAND (= Fleet Engineering #023-00024)
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:	Additional Process for CLEVELAND Door Hold Back Main Line Installation
Hinges:	Four (4) Aluminum Hinges per Door (3" Height)
* Additional Hinge Option:	Additional One(1) Aluminum Hinge (Total 5 Per Door)
* Additional Lock Rod Option:	Additional Lock Rod - 1 Curbside & 1 Roadside
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
* Step & Under Ride Accessories Option:	Welded Step-Intermediate Step with Perforated material Centered between Rear Impact Vertical Members
* Dock Bumper:	Pair 3" X 6" Mold Bolted Bumper
Rubber Bumper Location:	Inboard of Light Protector Bars (Standard)
* Rear Corner Post Grab Handle:	(1)Grab Handle-Low Profile, Chrome Steel Installed to Roadside Exterior Rear Door w/36" Long & Thru Bolted (Bolting Type)
* 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 with 12" centers over The Support Gear

LIFTING/SQUEE

Side Lining:	0.235" HDPE Recycled Plastic Installed between Posts
* Front Lining:	0.50" Ponderosa Plywood Mounted to Front Posts Full Height
* Ceiling (Roof) Lining:	0.25" Ponderosa Plywood, Full Length & Full Width
* Base Side Scuff:	0.20" x 24" High Versitex
Side Scuff Band Mounting Method:	Mounted Directly to Posts
* Front Scuff:	0.63" x 12" High White Recycled Plastic Mounted Over Lining to Front Posts (Overlaid)

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 with "Flying H" Hyundai Logo (Per customer request)
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 Tridem(3) Axle Bogie	
* Axle Spacing:	60" Axle Spacing	Rev.B
* Axle ABS System:	Tridem Axle w/4S2M ABS System	
* Bogie & Axle Location:	Location to be Sliding Tri-Axle. Start at Rear Most & Ending for Specified Slider Length	
Option-Related Bogie Stopper Feature:	STD plug stopper	
Susp. Manufacturer:	Hendrickson	
Suspension Capacity:	Standard Duty	
** Hendrickson Susp. Specification:	Hendrickson Vantraax HKANT69K23, Tri-Axle 60" Axle Spacing with FRONT Lift Axle	Rev.B
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 (Vantraxx, Intraxx)	
Type of Susp Spring:	Air Bag	
Spring Specification:	Air Bag	
Axle Diameter:	5.75"	
Axle Supplier:	Hendrickson	
* Axle-General Spec.:	Axle - Tridem (3) Axle included in Suspension (For 4S2M System)	
Axle-Track Length:	77-1/2"	
* Axle-Spindle Type:	Parallel Spindle	
Brake Lining Size:	16.5" X 7" Drum Brakes	
Brake Lining Spec.:	Hendrickson Extended Service H20	
* Brake Control System:	4S/2M 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:	3" Long Stroke Length	
* Hub Specification:	Conmet 10 Stud Hub Piloted Outboard Iron Hub with Casting 10083939, Parallel 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	
* Hubodometer:	Stemco Hubodometer, Bracket Mounted, Reading in Miles	
* Hubodometer Location:	Curbside (RH) Front Axle	
* 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 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 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 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) 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. Range from 12# up to 18" from the bottom of the front sheet
Warning Decal Install Instruction:	HT standard installation

PATNT/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:	STD Location w/ H.D Washer Retainer
* Mudflap Bracket design:	1 Piece Bracket
* Lift Pad Spec.:	Install HT Occasional use lift pads for delivery

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.