

HALE

TRAILER

BRAKE & WHEEL



A016133-A016136
VIN: 433609-433612

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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 Composite-XT
Composite New Design:	Composite New Design

Material no.: 30021712

GEOMETRY

Length - Exterior:	53'-0"
** Length - Interior:	52'-6"
Width - Exterior:	102.36"
** Width - Interior:	101.5" 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 (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:	Myers TR-572-F19 Valve stem

UPPER COUPLER

Approach Plate:	1/4" 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 : 10" C/L
* Landing Gear Crossmember:	4" Steel I-Beams (80,000 PSI) : 8" 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

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:	22,000 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
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:	(Interior Harness Routing) Overlaid on Lower Roadside Front)

SIDE

* Composite Side Material:	LX 1st generation (G1) 6.5mm thick (0.4 outer/inner skin) Composite Panel, Pre-painted White, Both Sides, with natural color rivets	Rev.B
Side Posts:	14 Gauge Galv Steel 'A' Slotted Logistic Insets with Composite Panel color matching Outer Closure (For Composite New STD)	
* Side Post Centers:	24" C/L Stiffener (Side Closure) - For Composite	
Side Top Rail:	Side Top Rail for Composite (New STD)	
Side Bottom Rail:	Side Bottom Rail for Composite XT (One Piece Extended Bottom Rail)	
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	Rev.B
* 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.:	Zinc plated 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 5.88 HT High Performance Polyurethane Radius Bumper ATRO Black Color	
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 Full Length

LITING/SQUEE

- * 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: 16" High Integral Alum Composite XT (Extended Bottom Rail - Integral Scuff Band) - Composite XT STD without Additional scuff
- * Front Scuff: 0.63" x 12" High Black Recycled Plastic Mounted Over Lining to Front Posts (Overlaid)

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 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 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: Meritor
- * Axle-General Spec.: Axle - Tandem (2) Axle w/ 2S1M or 2S2M System
- Axle-Track Length: 77-1/2"
- * Axle-Spindle Type: Parallel Spindle
- Brake Lining Size: 16.5" X 7"
- * Brake Lining Spec.: Meritor MA212 Q+ (Meritor STD)
- Brake Control System: 2S/1M Wabco ABS
- Spring Brake Control: Sealco 110500 Springbrake Priority
- Brake Cont-Hose & etc...: Standard Air Line & Hose Application (US&Canada)
- * Slack Adjuster Spec.: Wabco Auto-5.5", 28 Spline EasyFit (No Grease)
- * Brake Chamber Spec.: Wabco Premium Chamber
- * Stroke Length: 3" Long Stroke Length
- Hub Specification: HT Standard (KIC) 10 Stud Hub Piloted Outboard Iron Hub
- Drum Specification: HT Standard (KIC) 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) Front Axle
- Tire Inflation Pressure: 100 PSI
- * Air Tank Vendor: Sanborn Steel Air Tank

Rev.B

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 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. 18" from the bottom of the front sheet between the front post & corner radius on the roadside

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:	STD Location w/ H.D Washer Retainer
* Lift Pad Spec.:	Install HT Occasional use lift pads for delivery, with HYUZ decals

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.