

HALE

TRAILER

BRAKE & WHEEL



HT COMPOSITE XT®

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A024046-A024051

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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

GEOMETRY

Length - Exterior: 53'-0"
** Length - Interior: 52'-6" Nominal Lining To Lining
Width - Exterior: 102.36"
** Width - Interior: 101.5" Nominal Lining To Lining
Height - Exterior: 13'-6"
** Height - Interior: 104.5" Nominal
Deck Height: Standard application
Fifth Wheel Height: 47"
* King Pin Location: 42"
Landing Gear Location: 107" from King Pin (+ 1"/-0")

TIRES & WHEELS

* Tire Furnished: Customer Furnished
* Tire Manufacturer: Yokohama RY587(G), Low Rolling Resistance Tire
Comment: Tire pressure set at 105 PSI
Tire Size: 295/75R22.5
Wheel Furnish: Factory Furnished
Wheel Material: All Steel Wheel
* Wheel Manufacturer: KIC
Wheel Size: 8.25 x 22.5, 5-Hand Hole (Steel, Inner & Outer)
Wheel Finish for Steel: Powder Coated White Steel Disc
Wheel Finish for Aluminum: None (Due to All Steel Wheel Application)
* Valve Stem & Cap: TV-572-13, 13 degree angled Valve Stem w/ TireMaax
Comment: Locate valve stem direct center of hand hole (TireMaxx replaced Haltec DS01 valve);
Haltec TV-572-13 only

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: (2) Tubing Application (Pintle Hook / Lift Gate / etc...)

BODY/PAGE

* Forward Crossmember: Steel Hat Shaped Upper Coupler to Landing Gear : 10" C/L
* Landing Gear Crossmember: 4" Steel I-Beams (80,000 PSI) : 10" C/L (6ea)
* Bay Area Crossmember: 4" Steel I-Beams (80,000 PSI) : 10" C/L plus Install (1) additional just in front of the slide rails on bay for strength add on transition area
Running Gear C/M Size: 4" High
* Running Gear Crossmember: 4" Steel I-Beams (80,000 PSI) : 10" C/L with 8" C/L Last 3.4'
Comment: Add additional steel crossmember in front of slider rails, fastened to the floor. Do NOT weld to slider rail.
Slider Body Rail (VT): 208" Rail Length

Rev.C

Slider Rail Supplier:	Hutchens Slider Rails	
FLOOR		
* Upper Coupler Type:	3.40" Joggled with Exposed Coupler Top Plate (New STD)	
* Floor Specification:	1.13" (1-1/8") Havco Composite Laminated Wood	
Floor- Assembly Method:	Wood Floor Assembly	
* Floor - Finish & Other:	Apply PPG Water Seal on Floor Surface	
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 Welded to Upper Coupler - Non AAR	
* Gladhands:	Phillips Qwik-E with Filters Control Line Only. 45 degree Swivel Type w/Alum Hat Cover	Rev.C
<i>Comment:</i>	12-64081-38 & 12-64261-38	
* Front Receptacle(7-Way):	Trucklite 7-Way 50879, EZ 7-Way (Smart Box Receptacle), Split Pin	
Gladhand/7-Way Location:	Overlaid on Lower Roadside Front (STD)	
<i>Comment:</i>	Airlnes and electrical wires at apron to be covered by a 1/4" x 1-1/2" aluminum extrusion attached to eyebrow air line protection	
SIDE		
* Side Material:	7.5 mm thick w/0.4mm Skin G-Bond Composite Panel, 80K PPW Galv. Steel, Both Sides w/ natural color rivets 2" spacing at BTM rail connection	
Side Posts:	14 Gauge Galv Steel 'A' Slotted Logistic Insets w/PPW Outer Closure (For Composite)	
Side Post Centers:	48" C/L Stiffener (Side Closure) - For Composite	
Side Top Rail:	Side Top Rail for Composite Trailer	
Side Bottom Rail:	Side Bottom Rail for Composite XT (Extended Bottom Rail - Integral Scuff Band)	
* Skylight-General Spec.:	Cluster Sky Light Lens on side wall for 24" or bigger post pitch (Single lens on two panels, next to each other, for 16" or less post pitches.)	
* Skylight-Quantity:	Total 6. Both Side Wall Panel. (3) on Roadside and (3) on Curbside	
** Skylight-Location:	Both Side Wall Panel from Front. #1, #3, #5 on R/S & #2, #4, #6 on C/S	Rev.C
* Fasteners to Bottom Rail:	Steel Bolts/Nuts to attach C/Members to the Side Bottom Rail	
<i>Comment:</i>	Grade 5 Truss Head, Torx 3/8" Steel Fastener for All Crossmember to Side Bottom rail	
REAR		
* Rear Frame:	Roll-Up Door, 6" Roll-Up Header (New Design)	
Rear Door Opening Spec.:	Standard Application	
Floor Level:	Door to be Flush with Floor (STD)	
* Door Type for Dry Van:	Whiting Roll-Up Door. Premium Plate	
Option - Door Install Instruct:	Standard Door Installation per Manufacturer's Recommendation	
** Option - Door & Hardware:	All door fasteners to be smooth head anti-theft type. No bolts and nuts.	
* Rear Underride Guard:	4" Tube Bolt on Assembly w/ Bolt on Perforated(Pooched) Horizontal	
Option - Horiz Member/Other:	Construction of two pieces standard stitch welding	
Underide Bolt Spec.:	Zinc plated bolts & nuts - Standard	
* Dock Lock Option:	Bolt On K-Brace (Dock Lock) at Center	
* Dock Bumper:	Do Not Apply Bumper per Customer Request	
* Track Protector:	10Ga x 60" High Galvanized Steel Roll-Up Door Track Protector	
* Lift Gate-Install:	Factory Furnish and Install InterLift ILD Column Lift Gate	
* Lift Gate-Battery:	Factory Furnish and Install (2) Liftgate Batteries	
* Lift Gate-Battery Detail Spec:	Odyssey Liftgate Batteries	
* Lift Gate-Battery Charger Spec.:		

* Trail Charger Location: MFG's Standard Application
* Lift Gate-Main Spec.: ILD55C-G

* Lift Gate-Additional Option: Galvanized Lift Gate

ROOF

Roof Panel: 0.040" Aluminum
Comment: Caulk rear header to roof sheet on the interior of trailer
* Roof Bow: Aluminum Anti-Snag
Roof Bow Centers: 24" Centers Full Length

LINING/SCUFF

* Front Lining: 6.5mm thick Composite Panel, 80K PPW Galv. Steel both sides, Mounted to Front Posts Full Height
Side Scuff: 16" High Integral Alum Composite XT (Extended Bottom Rail - Integral Scuff Band) - Composite XT STD
* Front Scuff: 0.13"(10Ga) x 12" High Primed Flat Steel Mounted Over Lining to Front Posts (Overlaid)
Corner Finish/Treatment: Standard Application

LANDING GEAR

* L/Gear Spec.: Jost 451-G317-38 Magnum, 10 year Warranty w/ Magnum Lube
L/Gear Mt'g Method: Inboard Mounting (Standard)
L/Gear Shoes: 10" X 10" 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
L/Gear Crank Handle: Roadside
* L/Gear Options: Grade 8 Bolts and Nuts on Landing Gear Bracket
L/Gear Cross Brace Design: HT Standard Cross Brace attachment Design
* L/Gear Opt 1-Decal, etc.: Install 10 year maintenance landing gear decal on each leg

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
Susp. Manufacturer: Hendrickson
Suspension Capacity: Standard Duty
* Susp. Specification: Hendrickson Vantraxx HKANT40K Air Ride w/ Pre dressed axle & Hendrickson HLX7 Hubs
* Surelok (Anti-Dock): No Surelok (No Anti-Dock)
Locking Pin Mechanism: Air-Assist Pin Puller or Quick Draw
Susp. Sub-Frame: Hendrickson K-2 STD Duty
* Susp. Dump Valve: Auto Dump Valve
* Susp. Misc. Option: Hendrickson or Hutchens to Soft coat Bogie Box & Susp - Black
Type of Susp Spring: Air Bag
Spring Specification: Air Bag
Axle Supplier: Hendrickson
Axle-General Spec.: Axle - Tandem (2) Axle included in Slider (For 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.: Hendrickson Extended Service (Abex-3030-197)
* Brake Control System: 2S/1M Haldex Full Function ABS Valve
* Spring Brake Control: None (Included in Full Function Valve)
* Drain Valve & Other: Phillips Drain Valve (12-820). Drain valve with Pull Cord at Equalizer between tires.
Drain Valve w/ Pull Handle Cable to run through 0.25" airline for protection. Routed by roadside

Brake Cont-Hose & etc.:	Standard Air Line & Hose Application (US&Canada)
* Slack Adjuster Spec.:	Haldex Auto-5.5", 28 Spline #S-ABA409-20002(400-020211)
* Brake Chamber Spec.:	Haldex 3030 Goldseal
* Stroke Length:	3" Long Stroke Length
	Comment: with Orange stroke alert indicator
* Hub Specification:	Included in Dressed Axle Package
	Comment: JB HXL7
* Drum Specification:	Included in Dressed Axle Package
	Comment: JB HXL7
* Hub/Drum-Opt(Nut&Other):	Machine Balance Drums
* Bearing Specification:	Included in Pre-Set Hub or Dressed Axle Package
* Lubrication Spec.:	SHC-007 (SYN) Grease included in dressed axle
	Comment: JB HXL7
* Wheel Seals Spec.:	Seals to be Included in Pre-Set Hub or HXL7 already in dressed axle.
	Comment: JB HXL7
* Hubodometer:	Stemco Hubodometer, Bracket Mounted, Reading in Miles
	Comment: part#: 650-0612 (525 revs) for Yokohama tires
* Hubodometer Location:	Roadside (LH) Front Axle
* Tire Inflation Spec.:	Hendrickson Tire Maax Inflation System for SUSPENSION with Dressed Axle (Hub Cap NOT included, "Hendrickson suspension-axle include the hub caps")
* Tire Inf. Pressure Pre Set:	105 PSI Pre-Set

ELECTRICAL

* Harness-General Spec.:	Molded Color Code Truck Lite Harness (88 Series)
Harness-Special Feature:	Manufacturer's Standard Feature
* Front Light:	(2) Trucklite 35375Y LED PC-Rated Mounted with Stainless Steel Screws
* Rear ID Header Light:	(3) Trucklite 36213R LED (Dual Function)
* Rear ID-Special Feature:	Rear Header Lights to have Brake Light functionality
* Rear Side Marker Type(Shape):	Trucklite 33 Series Mini-Button type or Peterson/Grote/Phillips/Other Equivalent Mini-Button type
* Rear Side Marker Detail Spec:	(2) Trucklite 33275R LED PC Rated w/ 33800 Anti-Theft Flange on Rear Frame Side Lower (Not Wing Plate Bracket)
* Rear Side Marker MT'G Location:	Mounted on Standard Location on Rear Corner Post - HT STD
* S/T/Tail Light-Quantity & Type:	None (S/T/T Supplied By Lift Gate MFG or SlideLift Application)
* S/T/Tail Light-Detail Spec:	Supplied By Lift Gate Manufacturer
Main Mid-Turn Light:	Install the Mid turn lamp
* Main Mid-Turn Light-Detail Spec:	(2) Trucklite LED 60317Y combo with aluminum bracket and wide turn decal. Add clip on inside edge, fasten to the X-members
* ABS Light Type(Shape):	Trucklite 33 Series Mini-Button type or Peterson/Grote/Phillips/Other Equivalent Mini-Button type
* ABS Light Detail Spec:	(1) Trucklite 33275Y LED PC Rated w/33800 Anti-Theft Flange on Rear Frame Side Lower (Not Wing Plate Bracket)
* ABS Light MT'G Location:	Mounted on Standard Location on Rear Corner Post - HT STD
* License Light:	(1) Trucklite 15227 LED w/ 15729 Bracket
Option Related Harness:	Standard
Electrical Related Regulation:	Standard Application

MARKING/DECALS

* Decal Package:	Factory Furnished Owner Decal Package, Specified in Notes	Rev.B
** Decal Opt 1-Additional Decal:	Install Factory Furnished --Decal Package; Lowen Decal Package #3 for Roll-Up Doors.	Rev.B
	Comment: Install 10 year maintenance decal on each L/G leg.	
** Decal Opt 2-Decal Location:	Install Factory Furnished unit number decals.	
	Comment: Install Factory Furnished decals to indicate "California Legal Setting". 40' 0" max between the rearmost axle and centerline of king pin. Place decal on lower bottom rail	

** Decal Opt 3-Decal Installation:	Stencil 5" unit number on the inside on 4 locations (front, each side, and roof reversed). Front stencil to be on upper curbside
Conspicuity Markings:	Hyundai Standard Conspicuity with 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:	Standard Install Location - Roadside Below Sill Pane
* Registration/Manifest Box:	(1) Trucklite 97960 & (1) Penz PPW 25200039 with clip inside
** Registration/Manifest Loc.:	Trucklite 97960 mount between 1st & 2nd nose post R/S 2" on top of the 7-way. Manifest box at the same level between 2nd & 3rd nose post.
* Placards:	(1) One Set of Four Placard Holder (Total 4)
* Placards Location:	Standard Location

PAINT/FINISH

* Upper Coupler Finish:	Galvanized-Whole upper coupler section
* Crossmembers Finish:	HDG : Forward Hat crossmembers; All others - Prime & Black undercoating
<i>Comment:</i> (from upper coupler to landing gear)	
* Axle & Components Finish:	Black Undercoating
* Susp. Sub-Frame Finish:	Black Undercoating
L/Gear(K-Bracing) Finish:	Hot Dip Galvanized
* L/Gear(Upper Leg) Finish:	Black Undercoating
Rear Frame-Finish:	Hot Dip Galvanized
Rear Frame-Paint Color:	None (For Galvanized or Stainless Steel)
* Rear Underride-Finish & Spec.:	Hot Dip Galvanized & Bolted Horizontal Member
Rear Underride-Paint Color:	None (For Galvanized or Stainless Steel)

MISCELLANEOUS

Mudflap Provider:	Factory Furnished Mudflaps
* Mudflap Specification:	24"x30" Yellow w/ Bolt on bracket & C.F. verbage
* Mudflap Mounting:	Mounted to Rear of Slider Frame (Bogie) with Betts B5728 mudflap hanger. Mud flap ground clearance to be 5". Must meet Ohio Law.

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.