



Composite^{XT}

Hale Trailer Brake & Wheel

009001-009025

Product : , , , ,

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"
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
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
Bay Area Crossmember Material:	Steel Crossmember
Running Gear C/M Size:	4" High
* 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 (STD)	Rev.C
Floor Specification:	1.38" (1-3/8") Nominal Domestic Laminated Oak Hardwood	
* Floor Ratings - VT:	22,000 lbs Rated Floor per TTMA	Rev.C

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: Overlaid on Lower Roadside Front

SIDE

Side Material: 6.5 mm thick Composite Panel, 80K PPW Galv. Steel, Both Sides w/ natural color rivets
Side Posts: 14 Gauge Galv Steel 'A' Slotted Logistic Insets with Composite Panel color matching
Outer Closure (For Composite)
* Side Post Centers: 24" 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 (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" Shallow Header (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 (Sub-Line): Additional Process for Main Line Installation
Option - Door Install Instruct: Standard Door Installation per Manufacturer's Recommendation
Option - Door & Hardware: One(1) Rubber Door Bumper Standard (1" Deep) on Hinge of each Swing Door
Hinges: Four (4) Aluminum Hinges per Door
* 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(Pooched) Horizontal. Rear Impact Guard (RIG) 30
Option - Horiz Member/Other: Construction of two pieces standard stitch 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)

LIFT GATE

ROOF

Roof Panel: 0.040" Aluminum
Roof Bow: 16 Gauge Galvanized Steel Anti-Snag
Roof Bow Centers: 24" Centers Full Length

LINING/SIDELINE

* 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: Hendrickson
Suspension Capacity: Standard Duty
Hendrickson Susp. Specification: Hendrickson Vantraxx HKANT40K Air Ride
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
Type of Susp Spring: Air Bag
Spring Specification: Air Bag
Axle Supplier: Hendrickson
Axle-General Spec.: Axle - Tandem (2) Axle included in Suspension (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 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.: Shell Spirax Oil 80-90
* Wheel Seals Spec.: Stemco Discover Seals, Hub Cap included in tire inflation system, Pro-Torq Nut
* 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 over corner radius. (STD location)
* Tire Inflation Lamp Spec.: 33 Series Lamp

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)	Rev.B
* 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	Rev.C
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 44322R 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	Rev.C
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:	Avery
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

PAIN/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
Mudflap Mounting Loc.:	Suspension Frame
Mudflap Mounting:	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.