



# Hale Trailer Brake & Wheel

A012491-A012502

VIN: 573801-573812



Product : , , , ,

**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:	28'-0"
** Length - Interior:	27'-2" Nominal
Width - Exterior:	102.36"
** Width - Interior:	98.75"
Height - Exterior:	13'-6"
Height - Interior:	110" Nominal
Deck Height:	Standard application
Fifth Wheel Height:	47"
King Pin Location:	30"
* Landing Gear Location:	98" from King Pin (Nominal)
Pintle Hook & Height:	34" Nom. Ground to Centerline

**TIRES & WHEELS**

Tire Furnished:	Factory Furnished
* Tire Manufacturer:	BF Goodrich Highway Control T
* Tire Size:	275/80R22.5
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:	(2) Tubing Application (Pintle Hook / Lift Gate /when harnesses & wires covered with Poly split / etc...) - Joggled

**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) : 12" C/L (5ea)
Bay Area Crossmember:	4" Steel I-Beams (80,000 PSI) : 12" C/L
Running Gear Crossmember:	4" Steel I-Beams (80,000 PSI) : 8" C/L
Slider Body Rail (VT):	80" HT Fabricated "Z" Rail (For Single Axle Bolting Type)

**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:	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 Permalogic without circuit breakers
* Gladhand/7-Way Location:	Overlaid on Lower Roadside Front (STD) - Mounted on external overlaid HDG mounting bracket
* Anti-Nose Dive Device:	Install Anti-Nose Dive Device mounted on Centerline Front

**SIDE**

Side Material:	0.05" Aluminum Prepainted White w/ natural color rivets
Side Posts:	1.13" Deep 16 Gauge Galv Steel Hat Shaped Posts
* Side Post Centers:	16" C/L with 12" C/L @ Upper Coupler and Support Gear
Side Top Rail:	Standard Side Top Rail
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 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
* Door Holder Type for Swing Door:	Lash Type Door Holdbacks with Chain (with Magna-Lok, STD installation)
* Hinges:	Four (4) Aluminum Hinges per Door (3" Height)
Rear Underride Guard:	4" Tube Bolt on Assembly w/ Welded Perforated(Pooched) Horizontal
Option - Horiz Member/Other:	Construction of two pieces standard stitch welding
* Underide Bolt Spec.:	Stainless steel bolts & nuts - Optional
* 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:	Inboard of Light Protector Bars (Standard)
* Rear Corner Post Grab Handle:	(4)Grab Handle-Low Profile, Install between 1st & 2nd Hinges, 2nd & 3rd Hinges on C/S & R/S Post
Pintle Hook-Main Spec.:	Install Premier 2200 Pintle Hook without Quick Guide
P-Hook Mt'g Plate Finish:	Hot Dip Galvanized
P-Hook Shut Off Valve Spec.:	Standard Application
P-Hook Shut Off Valve Location:	Standard Application
P-Hook 7-way Receptacle:	HT Standard Socket

**LIFT GATE**

**ROOF**

* Roof Panel:	0.075" Kemplite XLR Translucent
Roof Bow:	16 Gauge Galvanized Steel Anti-Snag
* Roof Bow Centers:	12" Centers Full Length

**LINING/SIDELINE**

* Side Lining:	0.50" Ponderosa Plywood Mounted Horizontally
* Front Lining:	0.50" Ponderosa Plywood Mounted to Front Posts Full Height

* Option-Related Lining:	To accommodate with Recess E track installation without back strip
* Base Side Scuff:	0.75" x 12" High Laminated Hardwood
Mounting Method:	Mounted Directly to Posts
* Front Scuff:	0.75" x 12" High Laminated Hardwood Mounted Over Lining to Front Posts (Overlaid)
* Logistic Track:	(2) Row of "E" Track, Galvanized - Recessed, Both Side
* Logistic Track Location:	Located at 24" & 60" Floor to Centerline of Track
* Logistic Track Installation:	Recess Installation without back strip
* Front-Cargo Cont, Track, Rub Rail (Spec):	(2) Row of "E" Track, Galvanized, Recessed without back strip on interior Front Wall
* Front-Cargo Cont, Track, Rub Rail (Loc.):	Located at 24" & 60" Floor to Centerline of Track
	<b>Comment:</b> Same level as Side E-Track
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 40" 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 AAT23K Air Ride - Single Axle
Surelok (Anti-Dock):	No Surelok (No Anti-Dock)
* Susp. Dump Valve:	Manual 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:	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-Filter & etc.:	Install Haldex Relay Valve (Booster Valve)
Brake Cont-Hose & etc.:	Standard Air Line & Hose Application (US&Canada)
* Slack Adjuster Spec.:	Bendix Versajust Auto-5.5", 28 Spline
* Brake Chamber Spec.:	Bendix 3030 Endurasure with No Touch Technology (with stroke indicator)
Stroke Length:	MFG's Standard 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.:	Chevron Delo Synthetic 75W-90 Oil

Wheel Seals Spec.: Stemco Platinum Performance Plus, Discover Seals, Sentinel Hub Cap, Pro-Torq Nut  
Tire Inflation Pressure: 100 PSI

**ELECTRICAL**

\* Harness-General Spec.: Molded Color Code Truck Lite Harness (88 Series)  
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: Do Not Install the Mid turn lamp  
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 (3) Three  
\* Dome Lamp-Location: Located at 6', 14' and 22' Nominal from Front of Trailer  
\* Dome Lamp Switch: Permalogic with (1) Phillips Momentary toggle Switch at Lower Rear Curbside  
\* Dome Lamp Circuit Connection: Blue Circuit: Auxiliary Continuous Power (STD Application)  
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) Trucklite 97960  
Document Holder/Manifest Loc.: Overlaid on Lower R/S Front

**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: Hot Dip Galvanized for Single Axle Sub-Frame (Frame Only)  
L/Gear(K-Bracing) Finish: Hot Dip Galvanized  
\* L/Gear(Upper Leg) Finish: Hot Dip Galvanized  
\* Rear Frame-Finish: Stainless Steel  
Rear Frame-Paint Color: None (For Galvanized or Stainless Steel)  
\* Rear Underride-Finish & Spec.: Hot dip galvanized & welded horizontal member w/pintle hook (for fixed single axle application)  
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 Loc.: Suspension Frame  
Mudflap Mounting: STD Location w/ H.D Washer Retainer

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.