



# Hale Trailer Brake & Wheel 804001 - 804025



Product : , , , ,

**GVWR**

GVWR:	Trailer to meet 68,000 Pound GVWR
VIN PLATE:	US - VIN Plate to Read in English (Standard)
Product Type:	HT Composite

**GEOMETRY**

Length - Exterior:	53'-0"
** Length - Interior:	52'-6" Nominal Lining To Lining
Width - Exterior:	102.36"
** Width - Interior:	101.5" Nominal
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:	Continental HTL1, Low Rolling Resistance Tire
* Tire Size:	445/50R22.5
Wheel Furnish:	Factory Furnished
* Wheel Material:	All Aluminum Wheel
* Wheel Manufacturer:	Alcoa
* Wheel Size:	14 x 22.5 (Aluminum, For Super Single) w/2" offset
* Wheel Finish for Steel:	None (Due to All Aluminum Wheel Application)
* Wheel Finish for Aluminum:	Aluminum Disc Mill Finish w/2" Offset (For Super Single Tire)
* Wheel Accessories:	Install Wheel Separator (Spacer) Wheel vs Drum
Valve Stem & Cap:	Valve Stem & Metal Dome Cap

**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:	Stainless Steel, 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) : 10" C/L (6ea)
* Bay Area Crossmember:	4" Steel I-Beams (80,000 PSI) : 10" 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) : 10" C/L with 8" C/L Last 3.4'
* Slider Body Rail (VT):	210" Rail Length in 6" increments (Holland Rail)

**FLOOR**

Upper Coupler Type:	3.40" Joggled with Exposed Coupler Top Plate (New STD)
* Floor Specification:	1.31" (1-5/16") 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  
 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: 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 (STD)  
 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)  
 \* Option - Related Door Sill: Apply 8.0mm Door Sill Lower Thickness for Weight Reduction  
 Door Type for Dry Van - SW: 0.5" Composite Swing Door. Galvanized Prepainted White Interior & Exterior Skin  
 \* Option - Door (Main Line): Install Standard Anti-Theft Hardware  
 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)  
 \* 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  
 Dock Bumper: Pair 3" X 6" Mold Bolted Bumper  
 Rubber Bumper Location: Inboard of Light Protector Bars (Standard)

**LIFT GATE**

**ROOF**

Roof Panel: 0.040" Aluminum  
 \* Roof Bow: Aluminum Anti-Snag  
 Roof Bow Centers: 24" Centers Full Length

**LINING/SCUFF**

Front Lining: 0.25" Top and 0.5" Bottom plywood Mounted to Front Posts Full Height  
 Base Side Scuff: 6.5" High Integral Alum (Composite STD) without Additional scuff

**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: 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: SAF-Holland  
 Suspension Capacity: Standard Duty  
 \* Hutchens/Holland Susp. Specification: SAF-Holland UltraLite-2 Mechanical Suspension (Fixed or Slider) w/5 year warranty  
 \* Surelok (Anti-Dock): No Surelok (No Anti-Dock)  
 Locking Pin Mechanism: Air-Assist Pin Puller or Quik Draw  
*Comment:* Hollnad air assist for spring suspension  
 \* Susp. Sub-Frame: SAF-Holland Ultra Lite Slide w/8-1/2" deep slider box (Part #SSExxxx)  
 \* Type of Susp Spring: Mechanical Leaf Spring  
 \* Spring Specification: Composite Spring for 15"RH  
 \* 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.: Shell Spirax Oil 80-90  
 Wheel Seals Spec.: Stemco Platinum Performance Plus, Discover Seals, Sentinel Hub Cap, Pro-Torq Nut  
 \* Hubodometer: Stemco Hubodometer 650-0613, Bracket Mounted, Reading in Miles  
 \* Hubodometer Location: Curbside (RH) Front Axle  
 \* Tire Inflation Spec.: Meritor PSI Tire Inflation System  
 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

**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: (3) Trucklite 33275R LED Mounted with Grommet  
 Rear Side Marker Type(Shape): Mini Button Style Lamp  
 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 33010C LED  
 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

**PAINT/FINISH**

\* Upper Coupler Finish: Stainless Steel-Forward Section w/ Black Undercoating inside of Upper Coupler  
 \* 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 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.