

# HALE

## TRAILER

### BRAKE & WHEEL



**A023217-A023231**



**VIN: 528201-528215**

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**800-232-6535** \*FINANCING AVAILABLE

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

#### 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)
* Tire Stem Valve Position:	Super Single Aluminum Wheel
* 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:	Air Valve & Cap already included on Aluminum Wheel (Inner & outer wheel are aluminum)

#### UPPER COUPLER

Approach Plate:	7/32" THICK 80,000 LB YIELD - 6 SUPPORT CHANNELS	Rev.C
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	
* Front Bottom Rail External Routing Holes:	1 Slot Hole for Harness and Hoses External Routing	Rev.C

#### 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
* Running Gear Crossmember:	4" Steel I-Beams (80,000 PSI) : 10" C/L with 8" C/L Last 3.4'
Slider Body Rail (VT):	208" Rail Length

#### FLOOR

Upper Coupler Type:	3.40" Joggled with Exposed Coupler Top Plate (New STD)
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\* Floor Specification: 1.31" (1-5/16") Havco Composite Laminated Wood  
 \* Floor Ratings - VT: 25,000 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 (bottom open). Overlaid, mounted on HDG Plate w/HDG Hat Cover  
 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: (Exterior Harness Routing) Overlaid on Lower Roadside Front (STD) - Mounted on external overlaid HDG mounting bracket

**SIDE**

\* Composite Side Material: 6.5 mm thick (0.5 outer/inner skin) Composite Panel, Pre-painted White, Both Sides, with natural color rivets  
 Side Posts: 14 Gauge Galv Steel 'A' Slotted Logistic Insets with Composite Panel color matching Outer Closure (For Composite New STD)  
 Side Post Centers: 48.5" 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 (New STD)  
 Fasteners to Bottom Rail: Standard Rivets to attach C/Members to the Side Bottom Rail

Rev.B

**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 Standard Anti-Theft Hardware  
 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  
 Door Holder Type for Swing Door: Standard Door Holdback  
 Hinges: Four (4) Aluminum Hinges per Door (3" Height)  
 \* 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 (RIG30-NEW)  
 Option - Horiz Member/Other: One piece roll formed w/continuous 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)  
 Rear Frame Design: Rear Frame Open Door Sill New Design

Rev.C

**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" Nominal High Integral Alum (Composite STD) without Additional scuff

**LANDING GEAR**

- \* L/Gear Spec.: Jost HT451.G3.17.158 Magnum 10 Year Warranty Full HDG(Ear brace prep. For Heavy Duty-K bracing)
- 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: Heavy Duty Cross Brace and attachment design w/ Grade 8 Bolts and Nuts on Landing Gear Bracket
- \* L/Gear Cross Brace Design: Heavy Duty Cross Brace and 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: Air-Assist Pin Puller P5 System (W/O Manual Override) ( Hutchens only)
- \* 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 no included in Suspension 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 iABS Rev.D
- 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 01043 Casting Rev.C
- Drum Specification: HT Standard (KIC) Cast Drum
- \* Hub/Drum-Opt(Nut&Other): Install "Long" Studs or prep. for possible future installation of aluminum wheels Rev.C
- 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 Spec.: Meritor PSI Tire Inflation System w/ Thermal Alert
- 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
- \* Axle Configuration: Axle No included in Suspension Rev.C

**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 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

**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 Tandem or Tridem Suspension Sub-Frame
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
* Import export Decals:	With HYUZ Decals

Rev.C  
Rev.C

**DISCLAIMER**

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