

# HALE

## TRAILER

### BRAKE & WHEEL



A029561  
VIN: 494201

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#### 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:	35'-0"
** Length - Interior:	34'-2" Nominal
Width - Exterior:	102.36"
** Width - Interior:	98.5"
* Height - Exterior:	11'-6"
* Height - Interior:	86" 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:	General HT+ (G), Long Haul Trailer Tire & Low Rolling Resistance
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:	Hot Dip Galvanized.
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:	7/32" 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 : 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) : 12" C/L with 6" C/L Last 4'
Slider Body Rail (VT):	80" HT Fabricated "Z" Rail (For Single Axle Bolting Type)
Slider Rail Supplier:	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 12" 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
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:	(Interior Harness Routing) Overlaid on Lower Roadside 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:	24" 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:	Roll-Up Door, 6" Roll-Up Header (New Open Design)
Rear Door Opening Spec.:	Standard Application
Floor Level:	Door to be Flush with Floor (STD)
Dry Van -WHITING RU:	Whiting Roll-Up Door. STD 3/4" Prepainted White Plastic Face Plywood
Option - Door Install Instruct:	Standard Door Installation per Manufacturer's Recommendation
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.:	Geomet bolts & nuts - Standard
* 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)
* Track Protector:	10Ga x 48" High Galvanized Steel Roll-Up Door Track Protector
* Rear Frame Design:	Rear Frame Enclosed Door Sill Design

Rev.B

Rev.B

**LIFT GATE****ROOF**

* Roof Panel:	0.075" Kemplite XLR Translucent
Roof Bow:	16 Gauge Galvanized Steel Anti-Snag
Roof Bow Centers:	24" Centers Full Length

**LINING/SCUFF**

* Side Lining:	0.25" Ponderosa Plywood Mounted Horizontally
* Front Lining:	0.50" Ponderosa Plywood Mounted to Front Posts Full Height
Base Side Scuff:	18Ga x 10.25" High Galvanized Corrugated Steel
Side Scuff Band Mounting Method:	Mounted Directly to Posts
* Logistic Track:	(2) Row of "E" Track, Galvanized - Overlaid, Both Side
** Logistic Track Location:	Located at 36" & 48" Floor to Centerline of 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:	Hutchens
Suspension Capacity:	Standard Duty
Hutchens/Holland Susp. Specification:	Hutchens H-9700 - Single Axle
Surelok (Anti-Dock):	No Surelok (No Anti-Dock)
Locking Pin Mechanism:	None (For Single Axle or Fixed Suspension Application)
Susp. Sub-Frame:	Supplied by Hyundai
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 - Single (1) Axle no included in Suspension w/ 2S1M or 2S2M System
Axle-Track Length:	77-1/2"
Axle-Spindle Type:	Tapered Spindle
Brake Lining Size:	16.5" X 7" Drum Brakes
Brake Lining Spec.:	Meritor MA212 Q+ (Meritor STD)
Brake Control System:	2S/1M Wabco iABS
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.:	TSE Slack Adjuster Part # TSE07135S. Auto-5.5#, 28 Spline
Brake Chamber Spec.:	TSE 3030 Tamper Resist (HT standard)
Stroke Length:	MFG's Standard Stroke Length
Hub Specification:	Conmet 10 Stud Hub Piloted Outboard Iron Hub with Casting 10083937, Tapered Spindle
Drum Specification:	Conmet Cast Drum
Hub/Drum-Opt(Nut&Other):	Standard
Bearing Specification:	Stemco
Lubrication Spec.:	Chev Delo Gear EP5 80-90 oil
* Wheel Seals Spec.:	Stemco Discover Seals, Hub Cap included in tire inflation system, Pro-Torq Nut
* Tire Inflation Spec.:	Hendrickson Tire Maax PRO 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 at 24.6" from bottom of front panel over corner radius. (STD location)
* Tire Inflation Lamp Spec.:	33 Series Lamp
* Axle Configuration:	Axle No included in Suspension

#### **ELECTRICAL**

Harness-General Spec.:	Molded Color Code Phillips Harness with QCS Plug with Locking Device connector
Harness-Special Feature:	Manufacturer's Standard Feature
Front Light:	(2) Phillips 51-HY37323 Amber 3/4" Penny, PC Rated
* Rear ID Header Light:	(5) Phillips 51-HY38322 Red Dual Function 3/4" Penny, PC Rated
* 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) Phillips 51-HY37322 Red 3/4" Penny, PC Rated 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) Phillips Round Style or Equivalent
* S/T/Tail Light-Detail Spec:	(4) Phillips 51-HY40202 4" Round STT Mounted w/Stainless Steel Ring 51-40904
* Main Mid-Turn Light:	Install the Mid turn lamp
* Mid-Turn Mounting Method:	Mounting Bracket
* Main Mid-Turn Light-Detail Spec:	(2) Phillips 51-HY60303-0 LED 6.5" Oval MidTurn/Marker - Amber Surface Mount with Stainless Steel Rivets
ABS Light Detail Spec:	(1) Phillips 51-HY37323 Amber 3/4" Penny, PC Rated w/anti-theft hardware
ABS Light MT'G Location:	Mounted on Standard Location on Rear Corner Post - HT STD
* License Light:	(1) Phillips 51-HY37721-0 (Button Style, Clear) with Grommet (19mm Hole Required)
* Dome Lamp-Spec.:	Phillips 51-22111 LED Dome Lights
* Dome Lamp-Quantity:	Install (2) Two
* Dome Lamp-Location:	Evenly Spaced From Rollup Door in Up Position at C/L of Ceiling
* Dome Lamp Switch:	Recessed Toggle Switch at Lower Rear Curbside & Pressure Switch-Tramec 38046X located in Front gladhand
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

#### **PAINT/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 (Include Bogie Crossmembers)
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:	Single Axle in house frame (With Pintle Hook)
Mudflap Mounting Method/Install:	STD Location w/ H.D Washer Retainer
Mudflap Bracket design:	1 Piece Bracket

#### **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.  
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