

# HALE

## TRAILER

### BRAKE & WHEEL



A026758-A026760  
VIN: 476201-476203

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#### GVWR

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

#### GEOMETRY

* Length - Exterior:	40'-0"
** Length - Interior:	39'-2"
Width - Exterior:	102.36"
** Width - Interior:	101"
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 2:	Michelin X-One Line Energy T2 (L), Low Rolling Resistance Tire (For Super Single)	Rev.B
* Tire Size:	445/50R22.5	Rev.B
Wheel Furnish:	Factory Furnished	
* Wheel Material:	All Aluminum Wheel	Rev.B
* Wheel Manufacturer:	Alcoa	Rev.B
* Wheel Size:	14 x 22.5 (Aluminum, For Super Single) w/2" offset	Rev.B
* Wheel Finish for Steel:	None (Due to All Aluminum Wheel Application)	Rev.B
* Tire Stem Valve Position:	Super Single / Steel (Inboard Valve Stem; Straight Hose)	Rev.B
* Wheel Finish for Aluminum:	Aluminum Disc Mill Finish w/2" Offset (For Super Single Tire)	Rev.B
* Wheel Accessories:	Install Wheel Separator (Spacer) Wheel vs Drum	Rev.B
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 : 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 8" C/L Last 3.4'
* Slider Body Rail (VT):	172" Rail Length
Slider Rail Supplier:	Hutchens Slider Rails

#### 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-Special Instruction:	0.19" Steel Diamond Plate X Full Width X Full Length Installed on Top of Wood Floor No Turn Up Edge Bending
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:	(Interior Harness Routing) Overlaid on Lower Roadside Front)

#### **SIDE**

Side Material:	0.05" Aluminum Prepainted White w/ natural color rivets
Side Posts:	0.45" Deep 14 Gauge Galv Steel "A" Slotted Logistic Posts
Side Post Centers:	16" C/L with 12" C/L @ Upper Coupler and Support Gear
Side Top Rail:	Shallow Post 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
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 (Main Line):	Install Standard Anti-Theft Hardware
Option - Door Install Instruct:	Standard Door Installation per Manufacturer's Recommendation
* Rear Underride Guard:	4" Tube Bolt on Assembly w/ Welded Perforated(Pooched) Horizontal. Rear Impact Guard (RIG30-NEW)
* 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

#### **LIFT GATE**

#### **ROOF**

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

#### **LINING/SCUFF**

Side Lining:	0.235" HDPE Recycled Plastic Installed between Posts
Front Lining:	0.25" Top and 0.5" Bottom 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
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:	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
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Suspension Capacity:	Standard Duty
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* Hendrickson Susp. Specification:	Hendrickson Ultraa-K Air Ride
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Surelok (Anti-Dock):	Surelok (Anti-Dock) Installed
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Locking Pin Mechanism:	Air-Assist Pin Puller or Quik Draw
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Susp. Sub-Frame:	Hendrickson K-2 STD Duty (Vantraxx, Intraxx)
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Type of Susp Spring:	Air Bag
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Spring Specification:	Air Bag
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Axle Supplier:	Hendrickson
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Axle-General Spec.:	Axle - Tandem (2) Axle included in Suspension (For 2S1M or 2S2M System)
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Axle-Track Length:	77-1/2"
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Axle-Spindle Type:	Tapered Spindle
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Brake Lining Size:	16.5" X 7" Drum Brakes
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Brake Lining Spec.:	Hendrickson Extended Service (Abex-3030-197)
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* Brake Control System:	2S/1M Wabco iABS
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Spring Brake Control:	Sealco 110500 Springbrake Priority
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Brake Cont-Hose & etc.:	Standard Air Line & Hose Application (US&Canada)
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Slack Adjuster Spec.:	TSE Slack Adjuster Part # TSE07135S. Auto-5.5#, 28 Spline
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Rev.B

Brake Chamber Spec.:	TSE 3030 Tamper Resist (HT standard)
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Stroke Length:	MFG's Standard Stroke Length
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Hub Specification:	Conmet 10 Stud Hub Piloted Outboard Iron Hub with Casting 10083937, Tapered Spindle
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Rev.B

Drum Specification:	Conmet Cast Drum
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Rev.B

Hub/Drum-Opt(Nut&Other):	Standard
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Bearing Specification:	Stemco
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Lubrication Spec.:	Chev Delo Gear EP5 80-90 oil
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Wheel Seals Spec.:	Stemco Platinum Performance Plus, Discover Seals, Sentinel Hub Cap, Pro-Torq Nut
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* Tire Inflation Spec.:	Meritor PSI Tire Inflation System w/ Thermal Alert
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Tire Inflation Pressure:	100 PSI
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* Tire Inflation Lamp Location:	Indicator PSI Light at Roadside Mounted at 24.6" from bottom of front panel over corner radius. (STD location)
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Rev.B

* Tire Inflation Lamp Spec.:	33 Series Lamp
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#### **ELECTRICAL**

Harness-General Spec.:	Molded Color Code Phillips Harness with QCS Plug with Locking Device connector
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Harness-Special Feature:	Manufacturer's Standard Feature
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Front Light:	(2) Phillips 51-HY37323 Amber 3/4" Penny, PC Rated
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* Rear ID Header Light:	(5) Phillips 51-HY38322 Red Dual Function 3/4" Penny, PC Rated
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* Rear ID-Special Feature:	Dual Function Rear Header Lights - 3 Lamps at center with Marker & Stop functionality, 2 Lamps outboard with Marker & Turn functionality
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Rear Side Marker Type(Shape):	Mini Button Style Lamp with Antitheft Bracket
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Rear Side Marker Detail Spec:	(2) Phillips 51-HY37322 Red 3/4" Penny, PC Rated w/anti-theft hardware
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Rear Side Marker MT'G Location:	Mounted on Standard Location on Rear Corner Post - HT STD
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* 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)
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
** Louvered Vent Spec.:	(50) Louvered Vents
** Louvered Vent Location:	(6) evenly spaced on rear roll door, (4) evenly spaced on front panel, (20) evenly spaced on each side, (10) along top and bottom of trailer

#### **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:	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 3/8# thick with Anti-spray ribs
Mudflap Mounting Location:	Suspension frame (Tandem/Single axle frame without P.H.)
* Mudflap Mounting Method/Install:	Mounted on Ultraa-K Susp. w/ H.D Washer Retainer
Mudflap Bracket design:	1 Piece Bracket

#### **DISCLAIMER**

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