



# Hale Trailer Brake & Wheel

## 400001-400020



**HY-Cube**

Product : , , , ,

**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:	48'-0"
** Length - Interior:	47'-6"
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:	Hankook TL21(G), Low Rolling Resistance Tire
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.
Wheel Finish for Aluminum:	None (Due to All Steel Wheel Application)
* Valve Stem & Cap:	TR-572 Valve Stem for use w/PSI

**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
Bay Area Crossmember Material:	Steel Crossmember
Running Gear C/M Size:	4" High
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

**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

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**FRONT**

* Front Corner Radius:	4" Aluminum Cover Sheet
Front Panel & Color - Dry:	0.05" Aluminum Prepainted White w/ natural color rivets
* Front Corner Mat'l - Dry:	0.05" Aluminum Prepainted White
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
* Corner Radius Protector:	(2) 0.125" X 12" Alum Diamond Plate Each Side at Top

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**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

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**REAR**

Rear Frame:	Swing Door, 2" Shallow Header (with 1 Lock Rod Per LH & RH Door)
Rear Door Opening Spec.:	Standard Application
* Option - Related Rear Frame:	Do not use, Check ID RIA (To accommodate with RIG 30 Bumper)
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
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(Poached) 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)

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**LIFT GATE**

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**ROOF**

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

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**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:	0.63" x 12" High White Recycled Plastic
Mounting Method:	Mounted Directly to Posts
* Front Scuff:	0.63" x 12" High White Recycled Plastic Mounted Over Lining to Front Posts (Overlaid)

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**LANDING GEAR**

L/Gear Spec.:	Just 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
Suspension Capacity:	Standard Duty
Hendrickson Susp. Specification:	Hendrickson Vantraxx HKANT40K Air Ride
Surelok (Anti-Dock):	Surelok (Anti-Dock) Installed
Locking Pin Mechanism:	Air-Assist Pin Puller or Quik Draw
Susp. Sub-Frame:	Hendrickson K-2 STD Duty
Type of Susp Spring:	Air Bag
Spring Specification:	Air Bag
Axle Supplier:	Hendrickson
Axle-General Spec.:	Axle - Tandem (2) Axle included in Suspension (For 2S1M or 2S2M 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-Hose & etc.:	Standard Air Line & Hose Application (US&Canada)
Slack Adjuster Spec.:	Gunite Auto-5.5", 28 Spline
Brake Chamber Spec.:	TSE 3030 Tamper Resist (HT standard)
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.:	Chev Delo (Syn) Grease
* Wheel Seals Spec.:	Stemco Discover Seals, Hub Cap included in tire inflation system, Pro-Torq Nut
* Tire Inflation Spec.:	Hendrickson Tire Maax 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 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:	(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
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 Panels  
 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. 18" from the bottom of the front sheet between the front post & corner radius on the roadside

**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: 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  
 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.