

HALE

TRAILER

BRAKE & WHEEL



A033842-A033843
VIN: 645048-645049

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GVWR

GVWR: Trailer to meet 68,000# GVWR
 VIN Plate: US VIN Plate to read in English (standard)
 *Product Type: **HT Hy Cube**

GEOMETRY

LENGTH – EXTERIOR: 53'
 **LENGTH – INTERIOR: 52'-6" nominal lining to lining
 WIDTH – EXTERIOR: 102.36"
 **WIDTH – INTERIOR: 101" Nominal lining to lining
 HEIGHT – EXTERIOR: 13'6"
 **HEIGHT – INTERIOR: 110" Nominal
 DECK HEIGHT: Standard Application
 FIFTH WHEEL HEIGHT: 47"
 KINGPIN LOCATION: 36"
 LANDING GEAR: 107" from King Pin (+1"/-0")
 LOCATION:

TIRES & WHEELS

TIRE FURNISHED: Factory furnished
 *TIRE MANUFACTURER: Hankook TL01 (G), low rolling resistance tire
 TIRE SIZE: 295/75R 22.5
 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: Powder Coated White Steel Disc
 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 80,000lb Yield – 6 Support Channels
 KING PIN PLATE (BTM MAIN): 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 QTY: (1) Tubing Application - Joggled

BODY/BASE

FORWARD CROSSMEMBERS: Steel Hat shaped Upper Coupler to Landing Gear; 12" C/L
 LANDING GEAR C/M: 4" Steel I-Beams, 80,000# PSI, 12" C/L (Sea)
 BAY AREA X MEMBERS: 4" Steel I-Beams, 80,000# PSI, 12" C/L
 RUNNING GEAR Crossmember: 4" Steel I-Beams; 80,000# PSI, 12" C/L w/8" C/L last 3.4'
 RUNNING GEAR C/M Size: 4" high
 SLIDER/BODY RAIL (VT): 208" Rail Length

FLOOR

UPPER COUPLER TYPE: 3.40" Joggled w/Exposed Coupler Top Plate. (New STD)

FLOOR SPECIFICATION:	1-3/8" Nominal Domestic Laminated Oak Hardwood
FLOOR RATINGS VT:	18,000 lbs. Rated Floor per TTMA-STD HT Dry Van Floor Rating
FLOOR ASSEMBLY METHOD:	Wood floor assembly
FLOOR SCREWS:	(3) .31" Diameter Screws per Board on I beams
*THRESHOLD FINISH:	Hot dip galvanized
THRESHOLD PLATE:	0.13" x 12" deep Steel Diamond Plate w/Screws & Nuts.
THRESHOLD APPLICATION:	Standard Application

FRONT

*FRONT CORNER RADIUS:	4" Aluminum Cover Sheet.
FRONT PANEL & COLOR-DRY:	0.05" Aluminum pre-painted white w/natural color rivets.
*FRONT CORNER MAT'L-DRY:	0.05" Aluminum pre-painted white.
FRONT POSTS:	(4) 2.5" Deep (16ga) Steel Hats Welded to Upper Coupler - Non AAR.
GLADHANDS:	Phillips Quick-E w/filters. Control Line only, overlaid.
FRONT RECEPTACLE (7-WAY):	Phillips 7-Way without Circuit Breakers, Split Pins with QCS plug
FRONT RECEPTACLE (7 WAY)	Phillips QCS plug connector
OPTIONS:	
GLANDHAND/7-WAY	Overlaid on Lower Roadside Front
LOCATION:	
*CORNER RADIUS PROTECTOR:	(2) 0.125" x 12" aluminum Diamond Plate each side at top.

SIDE

*SIDE MATERIAL:	0.05" Aluminum pre-painted White w/natural color rivets.
*SIDE POSTS:	0.45" Deep 14-Gauge Galvanized Steel "A" Slotted Logistic Posts
*SIDE POST CENTERS:	16" C/L w/12" C/L at Upper Coupler & 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:	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)
DOOR TYPE FOR DRY VAN-SW:	0.5" Xxentria 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
*ADD'L HINGE OPTION:	Additional One (1) Aluminum Hinge (Total 5 per Door)
REAR UNDERRIDE GUARD:	4" Tube, bolt on assembly w/welded perforated (pooched) horizontal
OPTION-HORIZONTAL MEMBER/OTHER:	Construction of two pieces standard stitch welding
UNDERRIDE BOLT SPEC:	Zinc plated bolts & nuts - Standard
DOCK BUMPERS:	Pair 2" x 4" Mold Bolted Bumper
RUBBER BUMPER LOCATION:	Inboard of Light Protector Bars (standard)

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 & 0.5" Bottom plywood mounted to front posts full height
*BASE SIDE SCUFF:	0.16" x 12" high Versitex
*MOUNTING METHOD:	Mounted DIRECTLY TO POSTS
*FRONT SCUFF:	0.63" X 12" High White Recycled Plastic Mounted Over Lining to Front Posts (Overlaid)
CORNER FINISH/TREATMENT:	Standard Application

LANDING GEAR

LANDING GEAR SPEC:	Jost HT421.G3.17.157 5 Year Warranty Full HDG
LANDING GEAR MOUNTING METHOD:	Inboard Mounting (Standard)
LANDING GEAR SHOES:	10" x 10" RCF (REMOVABLE CUSHION FOOT) LOW PROFILE
LANDING GEAR GROUND CLEARANCE:	Nominal 12" Ground Clearance
LANDING GEAR MOUNTING BRACKET:	Hot Dip Galvanized large Wing Plate
CRANK HANDLE:	Roadside
L/GEAR OPTIONS:	None (HT STD)
LANDING GEAR BRACE DESIGN:	HT standard cross brace attachment design

RUNNING GEAR

BOGIE TYPE:	Sliding Tandem (2) Axle Bogie
AXLE SPACING:	49"
AXLE ABS SYSTEM:	Tandem axle w/2S/1M 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
SUSPENSION MANUFACTURER:	Hendrickson
SUSPENSION CAPACITY:	Standard Duty
SUSPENSION SPECIFICATION:	Hendrickson Vantraxx HKANT40K Air Ride
SURELOK (Anti-Dock):	Installed
LOCKING PIN MECHANISM:	Air-Assist Pin Puller or Quick Draw
SUSPENSION SUB-FRAME:	Hendrickson K-2 STD duty
TYPE of SUSPENSION SPRING:	Air Bag
SPRING SPECIFICATION:	Air Bag
AXLE SUPPLIER:	Hendrickson
AXLE GENERAL SPECS:	Axle-Tandem (2) Axles included in susp. (For 2S/1M or 2S/2M System)
AXLE TRACK LENGTH:	77 1/2"
AXLE SPINDLE TYPE:	Parallel Spindle
BRAKE LINING SIZE:	16.5" x 7"
BRAKE LINING SPECS:	Hendrickson extended service (Abex-3030-197)
BRAKE CONTROL SYSTEM:	2S/1M Wabco ABS
SPRING BRAKE CONTROL:	Sealco 110500 Springbrake priority
BRAKE CONTROL HOSE & ETC.:	Standard Air line & Hose Application (US&Canada)
SLACK ADJUSTER SPECS:	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 SPECIFICATIONS:	General
*LUBRICATION SPEC:	Chev Delo (synthetic) Grease
*WHEEL SEALS SPEC:	Stemco Discover Seals, Hub Cap included in tire inflation system, Pro-Torq Nut.
*HUBODOMETER:	Stemco hubodometer, bracket mounted, reading in miles
*HUBODOMETER LOCATION:	Roadside (LH) front axle

*TIRE INFLATION SPEC.:	Hendrickson Tire Maax inflation system for undressed axle (this kit includes Hendrickson hub cap for TireMaax)
TIRE INFLATION PRESSURE:	100 PSI
*TIRE INFLATION LAMP LOCATION:	Indicator PSI Light at roadside mounted over corner radius (STD Loc.)
*TIRE INFLATION LAMP SPEC.:	19 series lamp

<u>ELECTRICAL</u>	
HARNESS-GENERAL SPECS:	Molded Color Code Phillips Harness with QCS Plug
HARNESS-SPECIAL FEATURE:	Manufacturer's standard feature
*FRONT LIGHT:	(2) Trucklite 33275Y LED PC rated mounted w/grommet
*REAR ID HEADER LIGHT:	(5) Vision CL11120R3 LED PC Mounted with Grommet (Dual Function)
*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
*STOP/TURN/TAIL LIGHT QUANTITY & TYPE:	(4) Trucklite 40 or 44 Series (round type) or Equivalent
*STOP/TURN/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
*ABS LIGHT DETAIL SPEC:	(1) Trucklite 33275Y LED PC rated w/grommet 33725 w/ anti-theft hardware
ABS LIGHT MOUNTING LOCATION:	Mounted on standard location on rear corner post – HT STD
*LICENSE LIGHT:	(1) Trucklite 33010C LED
OPTION RELATED	STD
HARNESS/WIRING:	
ELECTRICAL RELATED	Standard Application
REGULATION:	

<u>MARKINGS & DECALS</u>	
HT & PRODUCT TYPE DECAL PKG:	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 W/FMCSA, specified in notes.
DECAL OPT 2-DECAL LOCATION:	Standard Application
DECAL OPT 3-DECAL INSTALLATION:	Standard Application
CONSPICUITY MARKINGS:	Hyundai standard conspicuity w/logo applied to side bottom rail
LICENSE PLATE:	Temporary for delivery. Fasten on HDG mounting plate.
LICENSE PLATE BRACKET INSTALL:	Standard- Roadside below sill
FURNISH DOCUMENT HOLDER:	Factory Furnished
DOCUMENT HOLDER DETAIL SPEC:	(1) Phillips 16-802
DOCUMENT HOLDER/MANIFEST LOCATION:	Overlaid on Lower R/S Front

<u>PAINT/FINISH</u>	
*UPPER COUPLER FINISH:	Stainless steel-forward section w/Black Undercoating inside of Upper Coupler.
*CROSSMEMBER FINISH:	HDG: Slider (Bogie) crossmembers w/slider rail, Others-Prime & Black Undercoating
*AXLE & COMPONENTS FINISH:	Black Undercoating
*SUSPENSION 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" X 30" White Plain Plastic w/Hyundai Logo
MUDFLAP MOUNTING LOC.:	Suspension frame
MUDFLAP MOUNTING:	Standard location w/HD Washer Retainer.
*Lift Pad Spec:	Install HT Occasional use lift pads for delivery, w/HYUZ decals

* = non-standard option

DISCLAIMER

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