HALE TRAILER BRAKE & WHEEL

HYUNDAI TRANSLEAD

HYUNDAI HY-Cube

A042483-A042484
VIN:412046-412048

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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:	53'-0"
**	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"
	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.
	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:	TR-572 Valve Stem# 8900HALNC for use w/PSI; w/o Cap

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
*	Front Bottom Rail External Routing Holes:	1 Slot Hole for Harness and Hoses External Routing

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):	208" 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") Net Domestic Laminated Oak Hardwood - Havco Brand Only (10 years

		warranty)
*	Floor Ratings - VT:	20,000 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. Overlaid (Bottom Open)
	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
*	Corner Radius Protector:	(2) 0.125" X 12" SMOOTH Alum Each Side at Top
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
*	Side Sub Options:	Additional A-Slotted holes in Rearmost Position to use as Logistic Slots
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.:	Geomet 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
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:	0.63" x 12" High White Recycled Plastic

*	Side Scuff Band Mounting Method:	Mounted Directly to Posts	
*	Front Scuff:	0.63" x 12" High White Recycled Plastic Mounted Over Lining to Front Posts (Overlaid)	
*	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	
	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 Heavy Duty (Vantraxx, Intraxx)	Rev.B
*	Susp. Misc. Option:	Hendrickson to Hot Dip Galvanize Bogie Box	
	Type of Susp Spring:	Air Bag	
	Spring Specification:	Air Bag	
	Axle Diameter:	5.75"	
	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" Drum Brakes	
	Brake Lining Spec.:	Hendrickson Extended Service (Abex-3030-197)	
*	Brake Control System:	2S/1M Wabco iABS	
	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:	Conmet 10 Stud Hub Piloted Outboard Iron Hub with Casting 10083937	Rev.C
	Drum Specification:	Conmet Cast Drum	Rev.C
	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 at 24.6" from bottom of front panel over corner radius. (STD location)	
*	Tire Inflation Lamp Spec.:	33 Series Lamp	
*	Axle Configuration:	Axle included in Suspension	

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 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. 18" from the bottom of the front sheet between the front post & corner radius on the roadside

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 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
	Mudflap Bracket design:	1 Piece Bracket
*	Lift Pad Spec.:	Install HT Occasional use lift pads for delivery
*	Import export Decals:	With HYUZ Decals

DISCLAIMER

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