HALE TRAILER BRAKE & WHEEL

HYUNDAI Translead

HYUNDAI HY-Cube

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A042347
VIN: 125016

Material no.: 30016280

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:	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 80,000 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):	208" Rail Length

FLOOR

Upper Coupler Type:	3.40" Joggled with Exposed Coupler Top Plate (OLD)
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

Rev.B

	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	Rev.B
*	Front Panel & Color - Dry:	0.05" Aluminum Prepainted Blue w/ natural color rivets. To Match Dupont, Medium Concord Blue Kenworth #L0346EB Non-Metallic	
	Front Corner Mat'l - Dry:	Extruded Aluminum	Rev.B
	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	
SIDE			
*	Side Material:	0.05" Aluminum Prepainted Blue w/ natural color rivets. To Match Dupont, Medium Concord Blue Kenworth #L0346EB Non-Metallic	
*	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:	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 & Painted Blue Exterior Skin. Exterior Skin To Match Dupont, Medium Concord Blue Kenworth # XG-66215 Non-Metallic. Exterior to be painted not pre-painted	
*	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	
*	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	
	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)	
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	
*	Mounting Method:	Mounted Directly to Posts	
*	Front Scuff:	0.63" x 12" High White Recycled Plastic Mounted Over Lining to Front Posts (Overlaid)	
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 STD Duty
	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"
	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
*	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 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 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 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 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:	Avery
	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:	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

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