

Hale Trailer Brake & Wheel, Inc.

HYUNDAI

889001 - 889012

Refrigerated Van
2018

GVWR

GVWR: Trailer to meet 68,000# GVWR
VIN Plate: Canadian/Transport Canada Compliant – VIN Plate to read in English and French, pounds and kilograms
Product Type: HT Thermotech – Truck Load with Swing Door
Product Class: HT Thermotech TL

DIMENSIONS

Length: Exterior – 53' -0"
Interior – 52' -2"
Width: Exterior – 102.36"
Interior – 97.4"
Height: Exterior – 13' 6"
Interior – 105.5" Front
Deck Height: Standard Application
5th 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: General HT(G), Long Haul Trailer Tire & Low Rolling Resistance
Tire Size: 295/75R 22.5
Wheel Furnish: Factory Furnished
Wheel Material: All Aluminum Wheel
Wheel Manufacturer: Alcoa
Wheel Size: 8.25 x 22.5, 10-Hole (Aluminum, Inner & Outer)
Wheel Finish for Steel: None (Due to All Aluminum Wheel Application)
Wheel Finish for Aluminum: Aluminum disc outer & inner mill finish
Valve Stem & Cap: Valve Stem & Metal Dome Cap

UPPER COUPLER

Upper Coupler – Reefer: 4" deep, Floor Over coupler and Running to Front
Approach Plate: 1/4" thick 80,000# yield – 6 support channels
King Pin (BTM Main) Plate: 1/4" thick 80,000# yield
King Pin & Manufacturer: Standard (Jost) AAR Cruciform King Pin
Front Bottom Rail: Stainless Steel & Stainless Steel Wrap Around Impact Guard Striker Angle

BODY/BASE

Forward Crossmember: 3" Alum Hat Shaped Members Upper Coupler to Landing Gear : 12" C/L (Nom.)
Landing Gear Crossmember: 4" Steel I-beams (80,000 PSI) : 8" C/L (6" On Forward Edge :7ea)
Bay Area Crossmember: 5" Extruded Aluminum I-beams :12" C/L

DISCLAIMER

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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 4' (For Reefer Van Only)
Slider Body Rail (RV): 208" Rail length
Slider Rail Supplier: Hutchens Slider Rails
Slider Rail Duty: Standard duty
Slider Rail Hole Space & Dia.: 4" Increments holes with large diameter holes (Hutch & Binkley)

FLOOR

Floor – Assembly Method: Aluminum Floor Assembly with weld (STD). Seams to be continuously/uniformly weld
Floor – Detail Spec -RV: 1.34" extruded aluminum (6061-T6) Duct floor
Floor – Surface Spec -RV: Ridged floor surface with Safety Grip (knurled)
Rear Gutter & Trough: Flush with top of floor & w/ trough (DUCT TYPE STD)
Floor Ratings -R: 16,000# rated floor per TTMA
Floor Drain -RV: (4) drains with Kazoo
Floor Filler Material: HT Standard Apitong wood/PPE door sill
Floor Inserts -RV: Extruded Aluminum (STD)
Floor Bearing Board-Optional: 3/4" x full width composite plastic board
Threshold Plate-RV: 5 Dock Board Guides over rear (Duct type STD)

FRONT

Front Corner Radius: 6" Extruded Aluminum STD Duty Post (RV)
Front Panel & Color - RV: 0.04" Aluminum Prepainted White
Corner Radius Insert - RV: 0.035" Stainless Steel
Front Posts: (4) Posts – (2) 3.15" Deep Steel Hats / (2) AL "Z" Post
Gladhands: Phillips Qwik-E with Filters Control Line Only. Overlaid
Front Receptacle (7-Way): Phillips 7-Way with 3" deep, no circuit breaker (HT Reefer STD)
Gladhand/7-Way Location: Overlaid on lower roadside front
Corner Radius Protector: (2) 0.125" x 12" Alum Diamond plate each side at top
Reefer Unit Front Frame: Brace for type "A" (Large Opening)

RV-VAN ITEM

Reefer Unit Manufacturer: Reefer unit to be determined later
Reefer Unit Type: Single-Temperature Type
Reefer Unit Spec.: Reefer unit to be determined later
Reefer Unit Furnish: Prep only for future installation after delivery
Reefer Unit Install: Customer or other install. Cut & Seal hatch w/ plywood for shipment
Reefer Commissioning: Commission unit at others

SIDE

Side Material: 0.04" Aluminum pre-painted White with natural color rivets
Side Posts: 1.0" deep extruded aluminum "Z" post (STD)
Side Post Centers: 24" C/L with 12" C/L @ upper coupler and support gear
Side Top Rail: Standard side top rail for Thermotech
Side Bottom Rail: Side bottom rail for reefer 5" high bay crossmember – TL Thermotech
Fasteners to Bottom Rail: Standard rivets to attach C/members to the side bottom rail

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REAR

Rear Frame:	Swing Door reefer rear frame (w/1 lock rod per LH & RH)
Rear Door Opening Spec.:	Swing door – HT standard reefer door opening application (96.6” width)
Corner Post Feature:	Standard
Door Sill Level (RV):	Door to flush with floor (HT STD)
Door Sill Feature:	Standard
Door Header Feature:	Standard
Door Type (RV):	Swing Door w/ Aluminum Frame & (1) Rubber Door Bumper on Each Door (HT Standard)
Door – Outer Cover (RV):	Swing door-stainless steel outer cover sheet w/ diamond (quilted) pattern
Door – Inner Lining (RV):	Swing door-versitex, VR2 0.065” (HT STD)
Option – Door Install Instruct (RV):	Standard door installation per manufacturer’s recommendation
Option – Door Hold Back (RV):	Standard for swing door
Hinges:	Four (4) Aluminum Hinges per door
Additional Hinge Option:	Additional one(1) Aluminum hinge (Total 5 per door)
Rear Under-ride Guard:	4” Tube bolt on assembly with welded perforated(poached)
Option – Horiz Member/Other:	Construction of two pieces standard stitch welding
Under-ride Bolt Spec.:	Stainless steel bolts & nuts - Optional
Dock Bumper:	Pair 3” x 6” mold bolted bumper
Rubber Bumper Location:	Inboard of light protector bars (standard)

ROOF

Roof Panel:	0.032” One piece corrugated aluminum
Roof Bow:	1” extruded aluminum
Roof Bow Centers:	24” centers full length

LINING/SCUFF

Side Lining - Reefer:	Versitex VR2, 0.065”
Front Lining - Reefer:	Versitex VR2, 0.065”
Roof Lining - Reefer:	Versitex VR2, 0.065”
Sub-Floor:	Versitex VR1, 0.040”
Side Scuff Mt’g Method:	Recessed (STD)
Side Scuff for Reefer - Reefer:	10” high extruded aluminum (recessed only)

URETHANE INSULATION

Front Insulation:	4” polyurethane
Side Insulation:	2” polyurethane
Roof Insulation:	2” polyurethane
Floor Insulation:	2” polyurethane
Door Insulation:	Swing door – 3” polyurethane

LANDING GEAR

L/Gear Spec.:	Jost HT421. G3.17.157 5 Year Warranty Full HDG
L/Gear Mt’g Method:	Inboard Mounting (STD)
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

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RUNNING GEAR

Bogie Type:	Sliding Tandem (2) axle bogie
Axle Spacing:	49" axle spacing
Axle ABS System:	Tandem axle with 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 Spec.:	Hendrickson Vantraax HKANT40K Air Ride
Surelok (Anti-Dock):	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 Spec.:	Axle - Tandem (2) axle included in suspension (For 2S1M or 2S2M system)
Axle – Track Length:	77 ½"
Axle – Spindle Type:	Parallel 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 Spring brake 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.:	Shell Spirax Oil 80-90
Wheel Seals Spec.:	Stemco Discover Seals, Hub Cap included in tire inflation system, Pro-Torq Nut, Pro-Torq Nut
Tire Inflation Spec.:	Hendrickson tire maax inflation system for undressed axle (This kit include Hendrickson hub cap for tire maax)
Tire Inflation Pressure:	100 PSI
Tire Inf. Pressure Pre Set:	19 Series Lamp

ELECTRICAL

Harness – General Spec.:	Molded Color Code Harness
Harness – Special Feature:	Manufacturer's Standard Feature
Front Light:	(2) Trucklite 33275Y LED PC Rated mounted with grommet
Rear ID Header Light:	(5) Trucklite 33275R LED (Cluster of 3 & 1 each outboard)
Rear Side Marker Type (Shade):	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 General Spec.:	(6) Trucklite 40 or 44 series (round style) or equivalent
S/T/Tail Light Detail Spec.:	(6) Trucklite 44334R LED mounted with SUS base rings anti theft
Main Mid-Turn Light:	Install the mid turn lamp
Mid-Turn Mounting Method:	Mounting Bracket
Main Mid-Turn Light – Detail Spec.:	(2) Trucklite 60420Y LED flange mounted with stainless steel rivets
ABS Light Detail Spec.:	(1) Trucklite 33275Y LED PC rated w/ grommet 33725 w/ anti-theft hardware

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ABS Light Mt'g Location:	Mounted on standard location on rear corner post – HT STD
License Light:	(1) Trucklite 33010C LED
Option Related Lamps/Harness:	Additional Trucklite 33 LED series marker lights. (3) each side top rail & (2) each side bottom rail top and bottom rail lights to match up (center combination to match up with center top rail lamp) Comment: Top and bottom rail lights to match up (center combination to match up with center top rail lamp)
Electrical Related Regulation:	Standard Application

MARKING/DECALS

Decal Package:	Factory furnished Hyundai Information & Regulatory Decal Package with FMCSA Specified in Notes
Decal Opt 2 – Location:	Standard Application
Decal Opt 3 – Installation:	Standard Application
Conspicuity Markings:	Hyundai Standard Conspicuity with Logo applied to side panels
License Plate:	Temporary for delivery. Fasten on SUS mounting plate
License Plate Bracket Install:	Standard install location – roadside below door sill
Furnish Document Holder:	Factory Furnished
Document Holder Detai Spec.:	(1) Phillips 16-802
Document Holder/Manifest Loc.:	Overlaid on lower R/S front
Vent Door Specification:	(1) bottom hinged swing type door & (1) sode hinged swing type vent door (with screens)
Vent Door Location:	(1) Upper R/S front, (1) lower C/S rear respectively
Vent Door Step & Handle:	(2) folding access steps & grab handle (one side)

PAINT/FINISH

Upper Coupler Finish:	Stainless steel – forward section with black undercoating inside of upper coupler
Crossmembers Finish:	HDG : All steel crossmembers including hat C/M, L/G & bogie area (except any aluminum)
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:	Stainless Steel
Rear Frame – Paint Color:	None (For Galvanized or Stainless Steel)
Rear Under-ride – Finish & Spec.:	Hot Dip Galvanized
Rear Under-ride – Paint Color:	None (For Galvanized or Stainless Steel)

MISCELLANEOUS

Mud Flap Provider:	Factory Furnished Mud flaps
Mud Flap Specification:	24" x 30" White Plain Plastic with Hyundai Logo
Mud Flap Mounting Loc:	Suspension Frame
Mudflap Mounting:	STD Location w/ H.D Washer Retainer

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