
Specifications (☞ = Option to Base Model)

1-Model & Payload Capacity

MODEL	VS2RA
PAYLOAD CAPACITY	55,000 LBS EVENLY DISTRIBUTED PAYLOAD CAPACITY
SPECIAL TRAILER APPLICATION	☞ MULTI-TEMP OPERATION
GROSS VEHICLE WEIGHT RATING	65,000 LBS GVWR
INTERNATIONAL IMPORTATION SPECIFICATIONS	☞ FRENCH/ENGLISH VIN LABEL REQD FOR IMPORT TO CANADA AND QAI CERTIFICATION
GREENHOUSE GAS COMPLIANCE	THIS TRAILER IS NOT UTMG GHG2 CERTIFIED, GHG2 CERTIFICATION MAY REQUIRE ADDL OPTIONS/COSTS
FOAM COMPOSITION	TRAILER CONTAINS NON-HFC FOAM; MAY BE SOLD OR USED IN STATE W/ HFC RESTRICTION
DQS UPDATE NUMBER	DQS UPDATE #192 (08/01/25)

2-Dimensions

LENGTH	53'0" OVERALL LENGTH
OVERALL HEIGHT	13'6" O/A HEIGHT ON 46-1/2" FIFTH WHEEL HEIGHT FOR 107-1/8" POST HEIGHT
WIDTH	102-3/8" OVERALL WIDTH

3-Deck

DECK TYPE	STRAIGHT DECK
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4-Front Subframe

FRONT SUBFRAME	4-1/4" DEEP BOX BEAM DESIGN FRONT SUBFRAME
APPROACH PLATE	9GA HIGH STRENGTH STEEL FULL WIDTH APPROACH PLATE
KINGPIN PLATE	3GA HIGH STRENGTH STEEL FULL WIDTH KINGPIN PLATE
KINGPIN TYPE	AAR HARDNESS CRUCIFORM KINGPIN
KINGPIN LOCATION	36" KINGPIN LOCATION
CONDUIT	(1) CONDUIT THROUGH FRONT SUB 30-1/2" FROM C/L ON ROADSIDE
COVER PLATE	EXTRUDED ALUM COVER ON FRONT FACE OF APPROACH PLATE

5-Support Legs

SUPPORT LEG LOCATION	SUPPORT LEG LOCATION OF 105" FROM C/L OF KINGPIN
SUPPORT LEG CRANK LOCATION	ROADSIDE SUPPORT LEG CRANK LOCATION

SUPPORT LEG BRACING

BOLT ON SUPPORT LEG X-BRACING W/7GA 3-1/4" DEEP HIGH STRENGTH STEEL CHANNEL

SUPPORT LEGS

JOST MODEL A401 ENHANCED 50,000 LBS CAPACITY SUPPORT LEGS WITH 10" X 10" CUSHION FOOT

6-Frame, Rails & Crossmembers

BOTTOM RAILS

11" DEEP HEAVY DUTY EXTRU ALUM BOTTOM RAILS, TAPERED FRT & REAR

BOTTOM RAILS

➡ DO NOT NOTCH OUT BOTTOM RAIL AT REAR

CROSSMEMBERS FRONT SUB TO LEGS

4" ALUM I BEAM CMEMS W/(4) RIVET ENDCLIPS ON 12" C/L FRONT SUB TO SUPPORT LEGS

CROSSMEMBERS OVER SUPPORT LEGS

(5) 4" STEEL I BEAM CMEMS W/(4) RIVET ENDCLIPS ON 12" C/L OVER SUPPORT LEGS.

CROSSMEMBERS LEGS TO REAR SUB

5-1/2" ALUM I SHAPE CMEMS W/(4) RIVET ENDCLIPS ON 12" C/L SUPPORT LEGS TO REAR SUB

CROSSMEMBERS OVER REAR SUBFRAME

4" STEEL I BEAM CMEMS W/(4)RIVET ENDCLIPS ON 12" C/L W/STD REINF OF (1) ADDL CMEM IN REAR 34"

7-Rear Subframe

HORIZONTAL DOCK BUMPER

BASE SPEC: 7"HRZ BMPR W/ 1/4" REINF PLATE & 2"ADDL DOCK LOCK CLEARANCE X11"LG @ C/L OF BUMPER

RUBBER DOCK BUMPERS

(1) PAIR 1/2" PROUD RUBBER DOCK BUMPERS

VERTICAL &HORIZONTAL DOCK BUMPER

DOT WELDED VERT W/NONSLIP 7" WELDED HORIZONTAL 22" MAX GROUND CLRN; MEETS IIHS-30% OFFSET TEST

VERTICAL &HORIZONTAL DOCK BUMPER

➡ DOT SST WELD-ON VERT & BOLT-ON NONSLIP HRZ 21"MAX GRND CLR W/IN LESS 4"O.A.W.EA SIDE FOR 7" BMPR

8-Suspension/Axles/Actuation

SLIDER SUSPENSION LOCATION

70" REAR SUSPENSION LOCATION AND 166" FORWARD SUSPENSION LOCATION FOR 96" OF SLDR TRAVEL

OIL SEALS

CONMET PREMIUM OIL SEALS (INCL W/ CONMET PRESET+ WHEEL END SYSTEM)

AIR BRAKE CHAMBERS

BENDIX ENDURASURE 3030 AIR BRAKE CHAMBERS

AIR ACTUATION

ONE TANK AIR ACTUATION SYSTEM W/SPRING BRAKES

SLACK ADJUSTERS

BENDIX VERSAJUST AUTOMATIC SLACK ADJUSTERS FOR USE W/BENDIX ENDURASURE OR TSE BRAKE CHAMBERS

HUBODOMETER

➡ STEMCO HUBODOMETER MTD ON AXLE

DUST SHIELDS

➡ DUST SHIELDS FOR 16-1/2" X 7" BRAKES

BRAKE LINING STYLE

HENDRICKSON HXS BRAKE LINING STYLE FOR USE W/ INTRAAX

AXLE SPINDLE NUTS

CONMET SPINDLE NUT (INCL. W/ CONMET PRESET+ WHEEL END SYSTEM)

HUB PILOTED SYS
W/OUTBOARD DRUMS FOR
16-1/2" X 7" BRAKES

BASE SPEC:STL JACKET 10STD HBPLT SYS W/OB BLNCD STL LT WT
DRUMS 16-1/2"X7"BRKS FOR CNMET PRESET+

ANTILOCK BRAKE SYSTEMS
(ABS)

➡ BENDIX TABS-6 4S/2M ABS WITH SIDE BY SIDE MODULATOR *W/O
ROLL STABILITY*

WHEEL BEARING
LUBRICATION

FACTORY CHOICE 80W-90 OIL

ANTI-DOCK WALK DEVICES

➡ HENDRICKSON SURELOK ANTI-DOCK WALK DEVICE FOR USE WITH
MANUAL DUMP VALVE

HUBODOMETER CALIBRATION

➡ CALIBRATE HUBODOMETER IN KILOMETERS

AXLE MANUFACTURER

HENDRICKSON "VENTED" AXLES

AXLE SPINDLE TYPE

➡ P-SPINDLE TYPE FOR USE WITH CONMET PRESET PLUS WHEEL END
SYSTEM

AUTOMATIC TIRE INFLATION
SYSTEM

➡ HEND TIREMAAX PRO TIRE INFL SYS W/WARN LGT ON FRONT
CORNER *RETAINS CONMET 8YR WARRANTY*

LOAD SCALE KIT

➡ HENDRICKSON AKLS1006 LOAD SCALE (INCLS MANUAL DUMP
VALVE) IN FULLY ENCLOSED POLYCARBONATE BOX

WHEEL BEARINGS (CONES)
AND RACES (CUPS)
MANUFACTURER

CONMET BEARINGS (INCL W/ CONMET PRESET+ WHEEL END
SYSTEM)

HENDRICKSON AIRRIDE
SYSTEMS WITH INTEGRAL
AXLES

BASE SPEC:HEND ULTRAA-K AIRRIDE/ SLDR SYS,INCLS 49" AXL
SPRD,HD SLDR & ZERO MAINT DAMPING (ZMD)

SLIDER PIN RELEASE
MECHANISM

HENDRICKSON QUIK DRAW AIR OPERATED SLIDER REPOSITIONING
SYSTEM

CONMET WHEEL END SYSTEMS

BASE SPEC:CONMET PRESET+IRON HUB SYSTEM,INCL:CONMET
PREMIUM SEAL,BEARING,SPACER &SPINDLE NUT

9-Front Wall

FRONT CORNER POST

BASE SPEC: .080 EXTRUDED ALUM 4-3/4" RADIUS FRONT CORNER
POST WITHOUT INSERT RECEIVERS

FRONT WALL POSTS

1" "J" EXTRU ALUM FRT WALL POST W/(2) ADDL 3-1/4" DEEP STEEL
REEFER UNIT SUPPORT POSTS

FRONT PANELS

➡ .0215 BRIGHT ANNEALED SST FRONT PANELS

ELECTRICAL NOSEBOX

➡ UTM MULTI-FUNCT ZINC RECEPT/BOX W/BRAKE ACT RELAY;DUAL
CIRCUIT; 60MIN TIMER;SWITCH;INDICATOR LGT

GLADHANDS AND
RECEPTACLE

GLADHANDS (W/SCREEN) AND RECEPTACLE MOUNTED ON AN
ALUM EXTRU OFFSET TO R/S 30"

PREP FOR THERMO KING
CEILING MOUNTED REMOTE
EVAPORATOR

➡ PREP FOR THERMO KING SPECTRUM S3 CEILING MTD EVAP INCL
GUARD PREP (REQS MIN OF 3-1/2" ROOF INSUL)

REQUIRED INFORMATION:

Evap Locations and Air Discharge Direction must be provided: C/L of Evap is _____ inches from the extreme front wall and _____ inches for _____ (C/S or R/S) side wall. Air Discharge to the _____ (Front, Rear, R/S or C/S)

>> 600" FROM EXTREME FRONT WALL TO C/L OF EVAP

REFRIGERATION UNIT
WARNING AND OPERATIONAL
DECAL(S)

➡ WARNING DECAL "DO NOT INSTALL CARRIER VECTOR HOST UNIT OR REMOTE EVAP ON THIS TRAILER"

PREP FOR THERMO KING
FRONTMOUNT
REFRIGERATION UNIT

➡ PREP FOR TK PRECEDNT S610M MULTI TEMP FRONT MOUNT REEFER UNIT WITHOUT ELECTRIC STANDBY

REFRIGERATION UNIT
OPENING COVER

SHEET METAL COVER (INCLS SEALANT FULL PERIMETER OF OPENING)

10-Side Walls

SIDE PANELS

.040 ALUM FLAT SIDE PANELS

SIDE POSTS

1" "J" SHAPE EXTRU ALUM SIDE POST W/16" MAX C/L FROM FRT TO REAR OF SUPT LEGS W/24" C/L LEGS TO REAR

EXTERIOR SIDE WALL
PROTECTION

➡ RUB PROTECTOR(EXT S/WALL) EXTR AL W/END CAPS;(1) MTD ABOVE BOT RAIL FULL LGTH EA SIDE

REQUIRED INFORMATION:

Dealer must specify location of (1) rub protector c/l of rub rail to top of bottom rail and location of (1) rub protector c/l of rub protector to bottom of top rail.

>> 6" FROM TOP OF LOWER RAIL TO C/L OF RUB PROTECTOR

11-Roof

TOP RAILS

6-3/8" HEAVY DUTY EXTRUDED ALUM TOP RAILS

ROOF SKIN

.025 ONE PIECE ALUM COIL ROOF SKIN

ROOF BOWS

1" EXTRU ALUM "J" SHAPED ROOF BOWS ON 48" C/L

12-Rear Doors

REAR DOOR TYPE

UTM BARRIER DESIGN DOUBLE SWING REAR DOORS

REAR DOOR PANELS

➡ .0215 STAINLESS STEEL DIAMOND PATTERN REAR DOOR PANELS

REAR DOOR CROSSBRACES

➡ STAINLESS STEEL REAR DOOR CROSSBRACES

REAR DOOR LOCK RODS

➡ (1) ADDL REAR DOOR LOCKROD ON CURBSIDE FOR A TOTAL OF (3) Electropolished Stainless Steel

REAR DOOR HINGES

➡ (5) REAR DOOR HINGES PER DOOR

VENT DOOR REAR

➡ 6" X 16" REAR VENT W/STAINLESS STEEL COVER ON LOWER C/S (INCLUDES VENT OPENING SCREEN)

<i>HOLDBACKS</i>	CHAIN LINK AND HOOK TYPE DOOR HOLDBACKS
<i>REAR CASE & BUCKPLATE MATERIAL</i>	SST REAR DOOR CASE FOR SWING DOORS
<i>REAR GUSSETS</i>	ENHANCED REAR CORNER GUSSET DESIGN FOR IMPROVED BOTTOM RAIL STRENGTH AT REAR OF TRAILER
<i>GRAB HANDLE AT REAR OF TRAILER</i>	➡ 36" VERT BOLT-ON CHROME-PLATED GRABHANDLE ON C/S EDGE OF R/S SWING DOOR
<i>REAR DOOR HINGE MATERIAL</i>	NON-POLISHED ALUMINUM
<i>REAR DOOR HINGE PIN MATERIAL</i>	➡ **NOTE** Stainless Steel Hinge Pins
<i>CORROSION RESISTANT REAR DOOR HARDWARE</i>	➡ CORROSION RESIST ELECTROPOLISHED SST REAR DOOR HARDWARE SWING DRS (INCL NON-POLISHED ALUM HINGES)
<i>ANTI-DRIP LIP</i>	➡ ANTI-DRIP LIP AT REAR HEADER
14-Floor	
<i>FLOOR TYPE</i>	➡ 1-3/8" NOM HD EXTRU ALUM HIGH WEAR DRY FRT FLOOR KNURLED
<i>FLOOR TURN UP</i>	10" HIGH 3/16" HEAVY DUTY EXTRU ALUM NON-TAPERED W/B INTEGRAL W/FLOOR (INCLUDES REINFORCING)
<i>TROUGHS</i>	EXTRU ALUM TROUGH FRONT & REAR
<i>DRAINS</i>	(2) DRAINS FRONT AND (2) REAR
<i>REAR THRESHOLD</i>	HEAVY DUTY EXTRU ALUM WEDGE TYPE REAR THRESHOLD W/(4) DOCK BOARD GUIDE PLATES
<i>FORK LIFT REINFORCING</i>	BEARING GRID SYS AT REAR W/HDWD FILLERS FULL LENGTH & ALUM I CORES REAR 36" OF FLR IN CTR 68"
<i>STUB POSTS</i>	SIDEWALL STUB POST ON 48" C/L
15-Insulation	
<i>INSULATION TYPE</i>	POLYURETHANE INSULATION FOAMED IN PLACE
<i>FRONT WALL THICKNESS</i>	4" THICK FRONT WALL
<i>SIDE WALL THICKNESS</i>	2" THICK SIDE WALL
<i>ROOF THICKNESS</i>	➡ 3-1/2" ROOF INSULATION "FOR USE WITH REMOTE EVAP(S) ONLY"
<i>FLOOR THICKNESS</i>	➡ 2" FLOOR INSULATION
<i>REAR DOOR THICKNESS</i>	3" THICK REAR DOORS
<i>CROSSMEMBER FLOOR FILLERS</i>	HARDWOOD FLOOR FILLERS FULL LENGTH
<i>FLOOR UNDERSKIN</i>	.035 THERMOPLASTIC FLOOR UNDERSKIN
16-Lining	
<i>FRONT WALL LINING</i>	.065 (NOM) VERSITEX-UTILITY VR2U FRONT WALL LINING

<i>SIDE WALL LINING</i>	.065 (NOM) VERSITEX-UTILITY VR2U SIDE WALL LINING
<i>ROOF LINING</i>	.065 (NOM) VERSITEX-UTILITY VR2U ROOF LINING
<i>REAR DOOR LINING</i>	.065 (NOM) VERSITEX-UTILITY VR2U REAR DOOR LINING
<i>WEARBAND</i>	➤ 6" EXTRA HEIGHT EXTRUDED ALUM STD DUTY WEARBAND TOTAL OF 16" INCL REINFORCING BEHIND WEARBAND
<i>LOGISTIC RAILS</i>	➤ (1) ROW SERIES "E" GALV RECESS MTD LOG TRACK ON SIDE WALLS REQUIRED INFORMATION: <u>Locate E-track _____ inches from centerline of track to top of floor.</u> >> 54" FROM FLOOR TO C/L OF TRACK
<i>LOGISTIC RAIL SPL MODIFICATION</i>	➤ REINFORCE "A" OR "E" TYPE LOG TRACK FOR DOUBLE DECKING
<i>WEARBAND ON REAR SWING DOORS</i>	➤ 16" HIGH X 1/8" SMOOTH ALUM WEARBAND W/BEVELED EDGES ON REAR SWING DOORS INCL HARDWOOD REINF
<i>REAR DOOR LINING COVER</i>	24" HIGH EXTRU ALUM REAR DOOR LINING EDGE PROTECTOR
17-Electrical System	
<i>MAIN HARNESS</i>	UTM MOISTURE RESISTANT "MULTI- PURPOSE" HARNESS W/INTERNAL GROUND AND 7-WAY PLUG
<i>ELECTRICAL RECEPTACLE</i>	7-WAY ELECTRICAL RECEPTACLE W/O CIRCUIT BREAKERS
<i>CLEARANCE LIGHT QUANTITY</i>	➤ 2-5-6-5 CLEARANCE LIGHT PACKAGE (INCLS CLEARANCE LIGHT ON BTM RAIL ABOVE COMBO)
<i>ADDITIONAL STOP/TAIL LIGHTS</i>	➤ ONE ADDL STOP/TAIL LIGHT EACH SIDE ON SST BUCK PLATE WITH EXTENDED LIGHT PROTECTOR BAR
<i>SIDE MOUNTED DIRECTIONAL LIGHT</i>	GROTE SUPERNOVA LED COMBO SIDE MTD DIR/CLRN LIGHT ON BRACKET BELOW BOTTOM RAIL EACH SIDE
<i>STOP/TAIL/TURN LIGHTS</i>	➤ GROTE 4" DIA SST SNAP IN FLANGE MTD LED 3-DIODE S/T/T LIGHTS
<i>STOP/TAIL/TURN LIGHTS</i>	➤ GROTE 4"DIA SST SNAP-IN FLANGE MTD LED (3-DIODE) S/T/T LIGHTS (ENHANCES THEFT RESISTANCE)
<i>LICENSE LIGHT</i>	GROTE MICRONOVA L.E.D. LICENSE LIGHT
<i>SWITCHES FOR DOME/SPOT LIGHTS</i>	➤ (1) MOMENTARY SWITCH FOR DOME/ SPOT LIGHTS, RECESS MTD IN INTERIOR C/S WALL AT REAR
<i>CONSPICUITY TAPE LOCATION</i>	CONSPICUITY TAPE ON BOTTOM RAILS AND AT REAR OF TRAILER (FOR D.O.T. MINIMUM LOCATION)
<i>CONSPICUITY TAPE</i>	FACTORY CHOICE CONSPICUITY TAPE
<i>UPPER CLEARANCE LIGHTS</i>	➤ TRUCKLITE MODEL 35 PC RATED LED UPPER SIDE RAIL CLEARANCE LIGHTS
<i>LOWER CLEARANCE LIGHTS</i>	➤ CONVERT STD BOTTOM RAIL LIGHTS TO PC RATED GROTE TURTLEBACK II LED

ABS (ANTI-LOCK) WARNING LIGHT

GROTE MICRONOVA L.E.D. PC RATED LIGHT

STOP/TAIL/TURN LIGHT CONFIGURATION

GROUPED STOP/TAIL/TURN LIGHTS

REAR HEADER CLEARANCE LIGHTS

➡ (5) GROTE MICRONOVA L.E.D. MULTI-FUNCTION LIGHTS ON REAR SWING DOOR HEADER

18-Finish Specifications

TOP FRONT & TOP SIDE RAIL FINISH

NATURAL ALUM FINISH TOP FRONT & TOP SIDE RAILS

BOTTOM SIDE RAIL FINISH

NATURAL ALUM FINISH BOTTOM SIDE RAILS

FRONT CORNER POST FINISH

NATURAL ALUMINIUM FINISH FRONT CORNER POSTS

FRONT PANEL FINISH

PREPAINTED WHITE FRONT PANELS

SIDE PANEL FINISH

PREPAINTED WHITE SIDE PANELS

REAR DOOR PANEL FINISH

PREPAINTED WHITE REAR DOOR PANEL FINISH

FRONT APPROACH PLATE FINISH

NATURAL ALUM FINISH FRONT APPROACH PLATE

FRONT SUBFRAME ASSEMBLY FINISH

FRONT SUBFRAME FULLY IMMERSED IN BLACK RUST PREVENTATIVE FINISH (ZERO VOC HOT DIP)

SUPPORT LEG FINISH

UTM BLACK SCHARPF ON SUPPORT LEGS

REAR SUBFRAME FINISH

UTM BLACK SCHARPF ON REAR SUBFRAME

REAR CASE FINISH

SATIN FINISH STAINLESS STEEL REAR CASE

VRTCL & HORZNTL DOCK BUMPR FINISH

UTM BLACK ENAMEL FINISH ON HORIZ DOCK BUMPER; BLACK SCHARPF ON VERTICAL DOCK BUMPER

ROOF EXTERIOR FINISH

NATURAL ALUM ROOF EXTERIOR FINISH

19-Miscellaneous

MUDFLAP TYPE

BLACK PLASTIC ANTI-SAIL MUDFLAPS W/UTM LOGO, MTD WITH STEEL REINFORCING STRAPS

PERMIT HOLDER

➡ TRUCKLITE #97960 ROUND PERMIT HOLDER MTD ON FRONT WALL
REQUIRED INFORMATION:

Dealer must specify location of permit/document/registration holder on either R/S, C/S or C/L in special instructions unless otherwise stated in the option description.

>> R/S

SIDE MOUNTED AERODYNAMIC AIR DEFLECTORS

BASE SPEC:USS120A-4 "ADVANCED" AERODYNAMIC BLACK SIDE SKIRT MTD BELOW BOTTOM RAIL

20-Tires and Wheels

22.5"X8.25"STANDARD WIDTH
WHEELS

☛ 8 - 22.5X8.25 ALUM ALCOA 10 H/P; ULTRA ONE #881677 HIGH POLISH
(10 HAND HOLE)

22.5" STANDARD PROFILE
TIRES

☛ 8 - 11R 22.5 MICH X-LINE ENERGY-T2 14PLY 40.80"T/D,LOAD RNG'G'
MAX SPEED RATED @75 MPH;

Special Instructions

None.

Weight

Total Weight 13,359 lbs. (+/- 3%)

Terms & Conditions