
Specifications (☞ = Option to Base Model)

1-Model & Payload Capacity

<i>MODEL</i>	VS2RA
<i>PAYLOAD CAPACITY</i>	55,000 LBS EVENLY DISTRIBUTED PAYLOAD CAPACITY
<i>GROSS VEHICLE WEIGHT RATING</i>	65,000 LBS GVWR
<i>INTERNATIONAL IMPORTATION SPECIFICATIONS</i>	☞ FRENCH/ENGLISH VIN LABEL REQD FOR IMPORT TO CANADA AND QAI CERTIFICATION
<i>GREENHOUSE GAS COMPLIANCE</i>	THIS TRAILER IS NOT UTMG GHG2 CERTIFIED, GHG2 CERTIFICATION MAY REQUIRE ADDL OPTION&COSTS
<i>FOAM COMPOSITION</i>	TRAILER CONTAINS NON-HFC FOAM; MAY BE SOLD OR USED IN STATE W HFC RESTRICTION
<i>DQS UPDATE NUMBER</i>	DQS UPDATE #181 (2/10/23)

2-Dimensions

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

3-Deck

<i>DECK TYPE</i>	STRAIGHT DECK
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4-Front Subframe

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

5-Support Legs

<i>SUPPORT LEG LOCATION</i>	SUPPORT LEG LOCATION OF 105" FROM C/L OF KINGPIN
<i>SUPPORT LEG CRANK LOCATION</i>	ROADSIDE SUPPORT LEG CRANK LOCATION
<i>SUPPORT LEG BRACING</i>	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

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

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

VERTICAL AND HORIZONTAL DOCK BUMPER MATERIAL

➔ SST VERTICAL AND HORIZONTAL DOCK BUMPER FOR 7" BUMPER

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

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

10 STUD HUB PILOTED SYS W/OUTBRD CAST DRUMS W/16-1/2"X 7"BRKS(STD W/CONMET PRESET+WHEEL END SYS)

ANTILOCK BRAKE SYSTEMS (ABS)

BENDIX TABS-8 ADVANCED W/ROLL STABILITY 2S/1M ABS

<i>WHEEL BEARING LUBRICATION</i>	FACTORY CHOICE 80W-90 OIL
<i>AXLE MANUFACTURER</i>	HENDRICKSON "VENTED" AXLES
<i>AXLE SPINDLE TYPE</i>	N-SPINDLE TYPE (STANDARD WITH CONMET PRESET+ WHEEL END SYSTEM)
<i>AUTOMATIC TIRE INFLATION SYSTEM</i>	☛ HEND TIREMAAX PRO TIRE INFL SYS W/WARN LGT ON FRONT CORNER *RETAINS CONMET 8YR WARRANTY*
<i>LOAD SCALE KIT</i>	☛ HENDRICKSON AKLS1006 LOAD SCALE (INCLS MANUAL DUMP VALVE) IN FULLY ENCLOSED POLYCARBONATE BOX
<i>WHEEL BEARINGS (CONES) AND RACES (CUPS) MANUFACTURER</i>	CONMET BEARINGS (INCL W/ CONMET PRESET+ WHEEL END SYSTEM)
<i>HENDRICKSON AIRRIDE SYSTEMS WITH INTEGRAL AXLES</i>	BASE SPEC:HEND ULTRAA-K AIRRIDE/ SLDR SYS,INCLS 49" AXL SPRD,HD SLDR & ZERO MAINT DAMPING (ZMD)
<i>SLIDER PIN RELEASE MECHANISM</i>	HENDRICKSON QUIK DRAW AIR OPERATED SLIDER REPOSITIONING SYSTEM
<i>CONMET WHEEL END SYSTEMS</i>	BASE SPEC:CONMET PRESET+IRON HUB SYSTEM,INCL:CONMET PREMIUM SEAL,BEARING,SPACER &SPINDLE NUT

9-Front Wall

<i>FRONT CORNER POST</i>	BASE SPEC: .080 EXTRUDED ALUM 4-3/4" RADIUS FRONT CORNER POST WITHOUT INSERT RECEIVERS
<i>FRONT WALL POSTS</i>	1" "J" EXTRU ALUM FRT WALL POST W(2) ADDL 3-1/4" DEEP STEEL REEFER UNIT SUPPORT POSTS
<i>FRONT PANELS</i>	.040 ALUM FRONT PANELS
<i>VENT DOOR FRONT</i>	☛ 2-1/8"X15" CLEAR OPEN FRONT VENT W/WHITE PLASTIC COVER UPPER R/S PANEL CORNER POST
<i>GLADHANDS AND RECEPTACLE</i>	GLADHANDS (W/SCREEN) AND RECEPTACLE MOUNTED ON AN ALUM EXTRU OFFSET TO R/S 30"
<i>REFRIGERATION UNIT OPENING COVER</i>	SHEET METAL COVER (INCLS SEALANT FULL PERIMETER OF OPENING)
<i>PREP FOR THERMO KING/CARRIER REEFER UNIT</i>	PREP FOR LARGE FRONT MOUNT THERMO KING/CARRIER REEFER UNIT *****W/O ELECTRIC STANDBY*****

10-Side Walls

<i>SIDE PANELS</i>	.040 ALUM FLAT SIDE PANELS
<i>SIDE POSTS</i>	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

11-Roof

<i>TOP RAILS</i>	6-3/8" HEAVY DUTY EXTRUDED ALUM TOP RAILS
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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 .040 ALUM REAR DOOR PANELS
REAR DOOR CROSSBRACES EXTRU ALUM HAT SHAPE REAR DOOR CROSSBRACES;NATURAL ALUMINUM FINISH
REAR DOOR LOCK RODS ➤ (1) ADDITIONAL REAR DOOR LOCK ROD ON BOTH DOORS (TOTAL 4)
REAR DOOR HINGES ➤ (5) REAR DOOR HINGES PER DOOR
VENT DOOR REAR ➤ 6" X 16" REAR VENT WITH WHITE PLASTIC COVER ON LOWER C/S (INCLUDES VENT OPENING SCREEN)
HOLDBACKS CHAIN LINK AND HOOK TYPE DOOR HOLDBACKS
REAR CASE & BUCKPLATE MATERIAL SST REAR DOOR CASE FOR SWING DOORS
REAR GUSSETS ENHANCED REAR CORNER GUSSET DESIGN FOR IMPROVED BOTTOM RAIL STRENGTH AT REAR OF TRAILER
GRAB HANDLE AT REAR OF TRAILER ➤ 36"LONG CHROME PLATED GRABHANDLE ON C/S EDGE OF R/S DOOR
REAR DOOR HINGE MATERIAL NON-POLISHED ALUMINUM

14-Floor

FLOOR TYPE BASE SPEC: 20,000LBS 1-1/2" NOM EXTRU ALUM HIGH WEAR DUCT FLOOR
FLOOR TURN UP 10" HIGH 3/16" HEAVY DUTY EXTRU ALUM NONTAPERED W/B INTEGRAL W/FLOOR (INCLUDES REINFORCING)
TROUGHES EXTRU ALUM TROUGH FRONT & REAR
DRAINS (2) DRAINS FRONT AND (2) REAR
REAR THRESHOLD HEAVY DUTY EXTRU ALUM WEDGE TYPE REAR THRESHOLD W(4) DOCK BOARD GUIDE PLATES
FORK LIFT REINFORCING BEARING GRID SYS AT REAR WHDWD FILLERS FULL LENGTH & ALUM I CORES REAR 36" OF FLR IN CTR 68"
STUB POSTS SIDEWALL STUB POST ON 48" C/L

15-Insulation

INSULATION TYPE POLYURETHANE INSULATION FOAMED IN PLACE
FRONT WALL THICKNESS 4" THICK FRONT WALL
SIDE WALL THICKNESS 2" THICK SIDE WALL
ROOF THICKNESS ➤ 2" ROOF INSULATION

FLOOR THICKNESS

REAR DOOR THICKNESS

CROSSMEMBER FLOOR
FILLERS

FLOOR UNDERSKIN

⇒ 2" FLOOR INSULATION

3" THICK REAR DOORS

HARDWOOD FLOOR FILLERS FULL LENGTH

.035 THERMOPLASTIC FLOOR UNDERSKIN

16-Lining

FRONT WALL LINING

.065 (NOM) VERSITEX-UTILITY VR2U FRONT WALL LINING

SIDE WALL LINING

.065 (NOM) VERSITEX-UTILITY VR2U SIDE WALL LINING

ROOF LINING

.065 (NOM) VERSITEX-UTILITY VR2U ROOF LINING

REAR DOOR LINING

.065 (NOM) VERSITEX-UTILITY VR2U REAR DOOR LINING

LOGISTIC RAILS

⇒ 2 - (1) ROW SERIES "E" GALV RECESS MTD LOG TRACK ON SIDE WALLS

REQUIRED INFORMATION:

Locate E-track _____ inches from centerline of track to top of floor.

>> 30" + 60"

WEARBAND ON REAR SWING
DOORS

⇒ 16" HIGH X 1/8" SMOOTH ALUM WEARBAND W/BEVELED EDGES ON REAR SWING DOORS INCL HARDWOOD REINF

REAR DOOR LINING COVER

24" HIGH EXTRU ALUM REAR DOOR LINING EDGE PROTECTOR

17-Electrical System

MAIN HARNESS

UTM MOISTURE RESISTANT "MULTI- PURPOSE" HARNESS W/INTERNAL GROUND AND 7-WAY PLUG

ELECTRICAL RECEPTACLE

7-WAY ELECTRICAL RECEPTACLE W/O CIRCUIT BREAKERS

CLEARANCE LIGHT QUANTITY

⇒ 2-1-2-5 CLEARANCE LIGHT PACKAGE

SIDE MOUNTED DIRECTIONAL
LIGHT

GROTE SUPERNOVA LED COMBO SIDE MTD DIR/CLRN LIGHT ON BRACKET BELOW BOTTOM RAIL EACH SIDE

STOP/TAIL/TURN LIGHTS

GROTE 4" L.E.D. (10-DIODE) STOP/ TAIL/TURN LIGHTS (2) PER SIDE WITH BLACK SNAP-IN FLANGE

LICENSE LIGHT

GROTE MICRONOVA L.E.D. LICENSE LIGHT

CONSPICUITY TAPE LOCATION

CONSPICUITY TAPE ON BOTTOM RAILS AND AT REAR OF TRAILER (FOR D.O.T. MINIMUM LOCATION)

CONSPICUITY TAPE

FACTORY CHOICE CONSPICUITY TAPE

UPPER CLEARANCE LIGHTS

FACTORY CHOICE LED UPPER SIDE RAIL CLEARANCE LIGHTS WITH 3" MOUNTING HOLE C/L

LOWER CLEARANCE LIGHTS

GROTE MICRONOVA LED PC RATED LIGHT

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*

GROTE MICRONOVA LE.D. PC RATED GROMMET MOUNTED REAR
HEADER ID/ CLR LIGHTS

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 IMMERSSED 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
BMPR 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

TIRE CARRIER

➤ (1)C/S TIRE CARRIER FOR (1) MAX 12"NOM T&W ASSY MTD 180
DEGREES FROM STD INCLUDES CHAIN & HOOK

MUDFLAP TYPE

MICHELIN ENERGY GUARD AERODYNMIC 24"X28" BLACK PLASTIC
MUDFLAP MTD W/ STEEL REINFORCING STRAPS

*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 ALCOA HIGH POLISH ULTRA ONE ALUMINUM10
H/P#ULT397

*22.5" STANDARD PROFILE
TIRES*

➤ 8 - 11R 22.5 MICH XTE 14P 41.00"TIRES DIA.LOAD RANGE'G' MAX
SPEED RATED @75 MPH;TRRL =<6.0

Special Instructions

None.