

OTR #97402-97421



The First Name In Trailers

C. Keay Investments Ltd.

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Trailer Quote Prepared For

OCEAN TRAILER STOCK

9076 RIVER ROAD

DELTA, BC V4G 1B5

20 - VS2RA
April 21, 2025

Specifications (☞ = Option to Base Model)

1-Model & Payload Capacity

MODEL	VS2RA
PAYLOAD CAPACITY	55,000 LBS EVENLY DISTRIBUTED PAYLOAD CAPACITY
SPECIAL TRAILER APPLICATION	☞ VS3RA DERIVED DESIGNATION (DERIVED FROM DUAL AXLE REEFER BASE SPECIFICATIONS/OPTIONS)
GROSS VEHICLE WEIGHT RATING	☞ 80,000 LBS GVWR FOR USE W/(3) AXLE TRAILER
INTERNATIONAL IMPORTATION SPECIFICATIONS	☞ FRENCH/ENGLISH VIN LABEL REQD FOR IMPORT TO CANADA AND QAI CERTIFICATION
GREENHOUSE GAS COMPLIANCE	THIS TRAILER IS NOT UTMC 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 #190 (02/10/25)

2-Dimensions

LENGTH	53'0" OVERALL LENGTH
OVERALL HEIGHT	13'6" O/A HEIGHT ON 46-1/2" FIFTH HT FOR 107-1/8" POST HT
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	☞ 3GA (1/4" NOM) HIGH STRENGTH STEEL APPROACH PLATE (TWO PIECE CONSTRUCTION)
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

- HD SUPPORT LEG REINF SYS (INCLS: HD SHUTTLE RUN X-BRACE REINF, HD SIDE POSTS 1ST(4)PNLS & 12"MAX CL

SUPPORT LEG REINFORCING

- 3/4" GRADE 50 "SQUARE BAR" REINF AT WING PLATE FLANGES FORE & AFT

WING PLATE MATERIAL

- HIGH STRENGTH WING PLATE MATERIAL HT80 VS STD

SUPPORT LEGS

- JOST MODEL A451 MAGNUM SUPPORT LEGS W/10-YR WARRANTY & 10"X10" ULTRA LOW PROFILE CUSHION FOOT

6-Frame, Rails & Crossmembers

BOTTOM RAILS

- EXTRA HEAVY DUTY BOTTOM RAILS

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"

CROSSMEMBERS OVER REAR SUBFRAME

- (2) ADDL STEEL CMEMS IN REAR 58" ON 6" C/L

PREP FOR FUEL TANK FOR USE WITH SIDE SKIRTS

- 50 GAL FUEL TANK PREP (UTM STD) FOR USE WITH SIDE SKIRTS

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 POLYURETHANE DOCK BUMPERS 5/8" PROUD W/EMBEDDED STUD

VERTICAL &HORIZONTAL DOCK BUMPER

BASE SPEC:DOT VERT W/NONSLIP 7" 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

<i>SLACK ADJUSTERS</i>	BENDIX VERSAJUST AUTOMATIC SLACK ADJUSTERS FOR USE W/BENDIX ENDURASURE OR TSE BRAKE CHAMBERS
<i>HUBODOMETER</i>	☞ STEMCO HUBODOMETER MTD ON AXLE
<i>DUST SHIELDS</i>	☞ DUST SHIELDS FOR 16-1/2" X 7" BRAKES FOR USE WITH TRIDEM
<i>AIRRIDE DUMP VALVES</i>	HENDRICKSON AUTOMATIC DUMP VALVE
<i>BRAKE LINING STYLE</i>	HENDRICKSON HXS BRAKE LINING STYLE FOR USE W/ INTRAAX
<i>AXLE SPINDLE NUTS</i>	CONMET SPINDLE NUT (INCL. W/ CONMET PRESET+ WHEEL END SYSTEM)
<i>HUB PILOTED SYS W/OUTBOARD DRUMS FOR 16-1/2" X 7" BRAKES</i>	BASE SPEC:STL JACKET 10STD HBPLT SYS W/OB BLNCD STL LT WT DRUMS 16-1/2"X7"BRKS FOR CNMET PRESET+
<i>ANTILOCK BRAKE SYSTEMS (ABS)</i>	☞ BENDIX TABS-6 2S/1M ABS *W/O ROLL STABILITY*
<i>WHEEL BEARING LUBRICATION</i>	FACTORY CHOICE 80W-90 OIL
<i>ANTI-DOCK WALK DEVICES</i>	☞ HENDRICKSON ANTI DOCK WALK DEVICE FOR USE WITH MANUAL DUMP VALVE
<i>WHEEL SEPARATOR PLATES</i>	☞ NYLON WHEEL GUARD SEPARATOR PLATE BTWN INNER WHEEL & HUB FOR USE WITH TRIDEM
<i>AXLE MANUFACTURER</i>	HENDRICKSON "VENTED" AXLES
<i>AXLE SPINDLE TYPE</i>	☞ P-SPINDLE TYPE FOR USE WITH TRIDEM & CONMET PRESET PLUS WHEEL END SYSTEM
<i>AUTOMATIC TIRE INFLATION SYSTEM</i>	☞ HEND TIREMAAX PRO TIRE INFL SYS W/WARN LGT ON FRT CRNR FOR USE W/TRIDEM (RETAINS CNMT 8YR WRTY)
<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>	☞ HENDRICKSON HKANT 69K23 TRIAXLE AIRRIDE/AXLE SYSTEM, 60" AXLE SPACING
<i>SLIDER PIN RELEASE MECHANISM</i>	☞ **NOTE** HENDRICKSON QUIK-DRAW AIR OPERATED SLIDER REPOSITIONING SYSTEM INCLUDED IN SUSPENSION
<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
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FRONT WALL POSTS	1" "J" EXTRU ALUM FRT WALL POST W/(2) ADDL 3-1/4" DEEP STEEL REEFER UNIT SUPPORT POSTS
FRONT PANELS	.040 ALUM FRONT PANELS
GLADHANDS AND RECEPTACLE	GLADHANDS (W/SCREEN) AND RECEPTACLE MOUNTED ON AN ALUM EXTRU OFFSET TO R/S 30"
FRONT CORNER POST INSERTS	➤ FLAT STAINLESS STEEL INSERTS ON FRONT CORNER POSTS W/ RECEIVERS
REFRIGERATION UNIT OPENING COVER	SHEET METAL COVER (INCLS SEALANT FULL PERIMETER OF OPENING)
PREP FOR THERMO KING/CARRIER REEFER UNIT	PREP FOR LARGE FRONT MOUNT THERMO KING/CARRIER REEFER UNIT *****W/O ELECTRIC STANDBY*****

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: <u>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.</u> >> APPROX 14-13/16" FOR TOP OF BOTTOM RAIL TO C/L OF RUB PROTECTOR
EXTERIOR SIDE WALL PROTECTION	➤ LOCATE RUB PROTECTOR @ APPROX 14-13/16" FOR TOP OF BOTTOM 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" SHAPE ROOF BOWS ON 24" C/L

12-Rear Doors

REAR DOOR TYPE	UTM BARRIER DESIGN DOUBLE SWING REAR DOORS
REAR DOOR PANELS	➤ .040 TRANSLITE POLISHED ALUMINUM DIAMOND PATTERN REAR DOOR PANELS
REAR DOOR CROSSBRACES	➤ EXTEND REAR DOOR HAT SECTION FULL WIDTH WHERE IT MEETS WITH LOWER C/S VENT
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 W/STAINLESS STEEL COVER ON LOWER C/S (INCLUDES VENT OPENING SCREEN)

HOLDBACKS

*REAR CASE & BUCKPLATE
MATERIAL*

*REAR CASE CORNER POSTS &
HEADER*

REAR GUSSETS

*GRAB HANDLE AT REAR OF
TRAILER*

BUCKPLATE REINFORCING

REAR DOOR HINGE MATERIAL

*REAR DOOR HINGE PIN
MATERIAL*

*CORROSION RESISTANT REAR
DOOR HARDWARE*

CHAIN LINK AND HOOK TYPE DOOR HOLDBACKS

SST REAR DOOR CASE FOR SWING DOORS

➤ SHALLOW REAR WEDGE PORTION OF REAR SWING DOOR HEADER
FROM 1-1/8" TO 1/2"

ENHANCED REAR CORNER GUSSET DESIGN FOR IMPROVED
BOTTOM RAIL STRENGTH AT REAR OF TRAILER

➤ 36" LONG CHROME PLATED GRABHANDLE ON C/S EDGE OF R/S
DOOR

➤ 5/8" SST HORIZONTAL FLANGE ON REAR BUCKPLATE (VS STD 3/8")
NON-POLISHED ALUMINUM

➤ **NOTE** Stainless Steel Hinge Pins

➤ CORROSION RESIST ELECTROPOLISHED SST REAR DOOR
HARDWARE SWING DRS (INCL NON-POLISHED ALUM HINGES)

14-Floor

FLOOR TYPE

FLOOR TURN UP

TROUGHS

DRAINS

REAR THRESHOLD

FORK LIFT REINFORCING

STUB POSTS

➤ 1-3/8" NOM HD EXTRU ALUM HIGH WEAR DRY FRT FLOOR KNURLED
10" HIGH 3/16" HEAVY DUTY EXTRU ALUM NON-TAPERED W/B
INTEGRAL W/FLOOR (INCLUDES REINFORCING)

EXTRU ALUM TROUGH FRONT & REAR

(2) DRAINS FRONT AND (2) REAR

HEAVY DUTY EXTRU ALUM WEDGE TYPE REAR THRESHOLD W/(4)
DOCK BOARD GUIDE PLATES

BEARING GRID SYS AT REAR W/HDWD FILLERS FULL LENGTH &
ALUM I CORES REAR 36" OF FLR IN CTR 68"

SIDEWALL STUB POST ON 48" C/L

15-Insulation

INSULATION TYPE

FRONT WALL THICKNESS

SIDE WALL THICKNESS

ROOF THICKNESS

FLOOR THICKNESS

REAR DOOR THICKNESS

*CROSSMEMBER FLOOR
FILLERS*

FLOOR UNDERSKIN

POLYURETHANE INSULATION FOAMED IN PLACE

4" THICK FRONT WALL

2" THICK SIDE WALL

➤ 2" ROOF INSULATION

➤ 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	☞ .085 (NOM) VERSITEX-UTILITY VR3U SIDE WALL LINING ***SEE NOTES FOR DISCLAIMER***
ROOF LINING	.065 (NOM) VERSITEX-UTILITY VR2U ROOF LINING
REAR DOOR LINING	.065 (NOM) VERSITEX-UTILITY VR2U REAR DOOR LINING
WEARBAND	☞ 6" EXTRA HEIGHT EXTRUDED ALUM STD DUTY WEARBAND TOTAL OF 16" INCL REINFORCING BEHIND WEARBAND
LOGISTIC RAILS	☞ (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 TOP OF FLOOR TO C/L OF TRACK
LOGISTIC RAILS	☞ LOCATE E-TRACK @ 54" FROM TOP OF FLOOR TO C/L OF TRACK
LOGISTIC RAIL SPL MODIFICATION	☞ REINFORCE "A" OR "E" TYPE LOG TRACK FOR DOUBLE DECKING
WEARBAND ON REAR SWING DOORS	☞ 16" HIGH X 1/8" SMOOTH ALUM WEARBAND W/BVELED 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	☞ 2-3-4-5 CLEARANCE LIGHT PACKAGE (INCLS CLEARANCE LIGHT ON BTM RAIL ABOVE COMBO)
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"DIA SST SNAP-IN FLANGE MTD LED(10 DIODE) S/T/T LIGHTS (ENHANCES THEFT RESISTANCE)
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	☞ LOWER REAR CLEAR/ABS LGTS MTD OUTBOARD ON FLUSH VERTICAL FACE OF REAR CORNER GUSSET R/S & C/S
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 & HORIZNTL 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

TRAILER
ELECTROLYSIS/CORROSION
PREVENTION

➤ ENHANCED CORROSION PROTECTION PKG; (INCLS 8 MIL THICK
BARRIER, FOAM TAPE AND CAULKING)

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

22.5" STANDARD PROFILE
TIRES

☞ 12 - 22.5X8.25 ALCOA HIGH POLISH ULTRA ONE ALUMINUM 10H/P
#881677 10 HAND HOLE

☞ 12 - 11R 22.5 MICH XZE2 14P 41.30" TIRE DIA. LOAD RANGE 'G' MAX
SPEED RATED@75 MPH;TRRL >6.0

Special Instructions

None.

Weight

Total Weight 15,534 lbs. (+/- 3%)

Terms & Conditions