



Stock Tandem  
Reefer Van

PO# 92159-92188

PO# 92189-92208

**C. Keay Investments Ltd.**

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Trailer Quote Prepared For

***OCEAN TRAILER STOCK  
9076 RIVER ROAD  
DELTA, BC V4G 1B5***

30 - VS2RA  
September 16, 2022

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## 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 SER PLT REQD FOR IMPORT TO CANADA
<i>GREENHOUSE GAS COMPLIANCE</i>	THIS TRAILER IS NOT UTMG GHG2 CERTIFIED, GHG2 CERTIFICATION MAY REQUIRE ADDL OPTIONS/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 #179 (8/1/22)

### 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 A451 MAGNUM SUPP LEGS W/10-YR WARRANTY AND 10"X10" LOW PROFILE REMOVABLE CUSHION FOOT

*6-Frame, Rails & Crossmembers*

*BOTTOM RAILS*

- ☞ DO NOT NOTCH OUT BOTTOM RAIL AT REAR

*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"

*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) LAST(2)CMEM OVER LEGS & 1ST CMEM IN BAY AREA PUNCHED FOR TANK

*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*

- ☞ DOT BMPR BOLT-ON VERT & NONSLIP HRZ 21"MAX FROM GRND WITHIN LESS THAN 4"OAW EA SIDE FOR 7"BUMPER

*VERTICAL &HORIZONTAL DOCK BUMPER*

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

*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 R/S FRONT AXLE

*DUST SHIELDS*

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

<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>	10 STUD HUB PILOTED SYS W/OUTBRD CAST DRUMS W/16-1/2"X 7"BRKS(STD W/CONMET PRESET+WHEEL END SYS)
<i>ANTILOCK BRAKE SYSTEMS (ABS)</i>	BENDIX TABS-8 ADVANCED W/ROLL STABILITY 2S/1M ABS
<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>AXLE MANUFACTURER</i>	HENDRICKSON "VENTED" AXLES
<i>AXLE SPINDLE TYPE</i>	☞ P-SPINDLE TYPE FOR USE WITH CONMET PRESET PLUS 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,IID 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>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)

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 CORR SIDE PANELS, USE W/1-1/2" SIDE WALL INSUL (INCL 1"HD J POST 16"C/L REAR OF LEGS)

SIDE POSTS

- ⇒ \*\*NOTE\*\* 1" HD "J" posts 16" C/L rear of legs (for use with .040 side panels)

EXTERIOR SIDE WALL  
PROTECTION

- ⇒ LOCATE RUB PROTECTOR @ APPROX 14-13/16" FOR TOP OF BOTTOM RAIL TO C/L OF RUB PROTECTOR

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.  
>> 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) ADDL REAR DOOR LOCKROD ON CURBSIDE FOR TOTAL OF (3)

REAR DOOR HINGES

- ⇒ REAR DOOR ANTI-THEFT TAMPER PROOF HARDWARE FOR THEFT PREVENTION

REAR DOOR HINGES

- ⇒ REAR DOOR ANTI-THEFT TAMPER PROOF HARDWARE FOR THEFT PREVENTION

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

CHAIN LINK AND HOOK TYPE DOOR HOLDBACKS

REAR CASE & BUCKPLATE  
MATERIAL

SST REAR DOOR CASE FOR SWING DOORS

REAR CASE CORNER POSTS &  
HEADER

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

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

REAR DOOR HINGE PIN  
MATERIAL

⇒ **\*\*NOTE\*\*** Stainless Steel Hinge Pins

CORROSION RESISTANT REAR  
DOOR HARDWARE

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

#### 14-Floor

FLOOR TYPE

⇒ 20,000LBS 1-1/2" NOM EXTRUDED ALUM HIGH WEAR DUCT FLR  
KNURLED

FLOOR TURN UP

10" HIGH 3/16" HEAVY DUTY EXTRU ALUM NON-TAPERED W/B  
INTEGRAL W/FLOOR (INCLUDES REINFORCING)

TROUGHS

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 W/HDWD 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

⇒ 1-1/2" SIDEWALL INSULATION

ROOF THICKNESS

⇒ 2" ROOF INSULATION

FLOOR THICKNESS

⇒ 2" FLOOR INSULATION

REAR DOOR THICKNESS

3" THICK REAR DOORS

CROSSMEMBER FLOOR  
FILLERS

HARDWOOD FLOOR FILLERS FULL LENGTH

FLOOR UNDERSKIN

.035 THERMOPLASTIC FLOOR UNDERSKIN

#### 16-Lining

FRONT WALL LINING

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

SIDE WALL LINING

⇒ FACTORY CHOICE SIDEWALL LINING VR3U .085  
VERSITEX/ARMORTUF-075 FLAT ARMT\*\*SEE DISCLAIMER NOTE\*\*

<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>	⇒ LOCATE E-TRACK @ 54" FROM TOP OF FLOOR TO C/L OF TRACK
<i>LOGISTIC RAILS</i>	⇒ (1) ROS SERIES "E" GALV RECESS MTD LOG TRACK FOR USE W/1-1/2" SIDE WALL INSULATION
<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>	⇒ 2-1-2-5 CLEARANCE LIGHT PACKAGE
<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(10 DIODE) S/T/T LIGHTS (ENHANCES THEFT RESISTANCE)
<i>LICENSE LIGHT</i>	GROTE MICRONOVA L.E.D. LICENSE LIGHT
<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>	GROTE MICRONOVA LED PC RATED LIGHT
<i>ABS (ANTI-LOCK) WARNING LIGHT</i>	GROTE MICRONOVA L.E.D. PC RATED LIGHT
<i>STOP/TAIL/TURN LIGHT CONFIGURATION</i>	GROUPED STOP/TAIL/TURN LIGHTS
<i>REAR HEADER CLEARANCE LIGHTS</i>	⇒ (5) GROTE MICRONOVA L.E.D. P2 RATED MULTI-FUNCTION LIGHTS ON REAR SWING DOOR HEADER

**18-Finish Specifications**

<i>TOP FRONT &amp; TOP SIDE RAIL FINISH</i>	NATURAL ALUM FINISH TOP FRONT & TOP SIDE RAILS
<i>BOTTOM SIDE RAIL FINISH</i>	NATURAL ALUM FINISH BOTTOM SIDE RAILS
<i>FRONT CORNER POST FINISH</i>	NATURAL ALUMINIUM FINISH FRONT CORNER POSTS
<i>FRONT PANEL FINISH</i>	PREPAINTED WHITE FRONT PANELS
<i>SIDE PANEL FINISH</i>	PREPAINTED WHITE SIDE PANELS
<i>REAR DOOR PANEL FINISH</i>	PREPAINTED WHITE REAR DOOR PANEL FINISH
<i>FRONT APPROACH PLATE FINISH</i>	NATURAL ALUM FINISH FRONT APPROACH PLATE
<i>FRONT SUBFRAME ASSEMBLY FINISH</i>	FRONT SUBFRAME FULLY IMMERSSED IN BLACK RUST PREVENTATIVE FINISH (ZERO VOC HOT DIP)
<i>SUPPORT LEG FINISH</i>	UTM BLACK SCHARPF ON SUPPORT LEGS
<i>REAR SUBFRAME FINISH</i>	UTM BLACK SCHARPF ON REAR SUBFRAME
<i>REAR CASE FINISH</i>	SATIN FINISH STAINLESS STEEL REAR CASE
<i>VRTCL &amp; HORZNTL DOCK BMPR FINISH</i>	UTM BLACK ENAMEL FINISH ON HORIZ DOCK BUMPER; BLACK SCHARPF ON VERTICAL DOCK BUMPER
<i>ROOF EXTERIOR FINISH</i>	NATURAL ALUM ROOF EXTERIOR FINISH

**19-Miscellaneous**

<i>MUDFLAP TYPE</i>	BLACK PLASTIC ANTI-SAIL MUDFLAPS W/UTM LOGO, MTD WITH STEEL REINFORCING STRAPS
<i>PERMIT HOLDER</i>	☞ TRUCKLITE #97960 ROUND PERMIT HOLDER MOUNTED ON FRONT WALL LOWER R/S
<i>SIDE MOUNTED AERODYNAMIC AIR DEFLECTORS</i>	BASE SPEC:USS120A-4 "ADVANCED" AERODYNAMIC BLACK SIDE SKIRT MTD BELOW BOTTOM RAIL

**20-Tires and Wheels**

<i>22.5"X8.25"STANDARD WIDTH WHEELS</i>	☞ 8 - 22.5X8.25 ALCOA HIGH POLISH ULTRA ONE ALUMINUM 10 H/P#ULT397
<i>22.5" STANDARD PROFILE TIRES</i>	☞ 8 - 11R 22.5 MICH XTE 14P 41.00" TIRE DIA. LOAD RANGE 'G' MAX SPEED RATED @75 MPH; TRRL =<6.0

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## Special Instructions

None.



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## Weight

Total Weight 12,824 lbs. (+/- 3%)

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## Terms & Conditions