

C. Keay Investments Ltd.

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Trailer Quote Prepared For

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

> 20 - VS2RA November 22, 2022

Specifications (**⇒** = Option to Base Model)

1-Model & Payload Capacity

MODEL VS2RA

PAYLOAD CAPACITY 55,000 LBS EVENLY DISTRIBUTED PAYLOAD CAPACITY

GROSS VEHICLE WEIGHT 65,000 LBS GVWR

RATING

INTERNATIONAL • FRENCH/ENGLISH SER PLT REQD FOR IMPORT TO CANADA

IMPORTATION SPECIFICATIONS

GREENHOUSE GAS THIS TRAILER IS NOT UTMC GHG2 CERTIFIED, GHG2

COMPLIANCE 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 #179 (8/1/22)

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

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 ROADSIDE SUPPORT LEG CRANK LOCATION

LOCATION

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

STRENGTH STEEL CHANNEL

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

6-Frame, Rails & Crossmembers

BOTTOM RAILS

11" DEEP HEAVY DUTY EXTRU ALUM BOTTOM RAILS, TAPERED

BOTTOM RAILS

CROSSMEMBERS FRONT SUB TO LEGS

CROSSMEMBERS OVER SUPPORT LEGS

CROSSMEMBERS LEGS TO REAR SUB

CROSSMEMBERS OVER REAR **SUBFRAME**

CROSSMEMBERS OVER REAR SUBFRAME

PREP FOR FUEL TANK FOR USE WITH SIDE SKIRTS

FRT & REAR

⊃ DO NOT NOTCH OUT BOTTOM RAIL AT REAR

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

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

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

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

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

VERTICAL &HORIZONTAL DOCK BUMPER

VERTICAL &HORIZONTAL DOCK BUMPER

○ (1) PAIR POLYURETHANE DOCK BUMPERS 5/8" PROUD W/EMBEDDED STUD

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

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

8-Suspension/Axles/Actuation

SLIDER SUSPENSION **LOCATION**

OIL SEALS

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

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

AIR BRAKE CHAMBERS

AIR ACTUATION SLACK ADJUSTERS

HUBODOMETER DUST SHIELDS

BENDIX ENDURASURE 3030 AIR BRAKE CHAMBERS

ONE TANK AIR ACTUATION SYSTEM W/SPRING BRAKES

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

⇒ STEMCO HUBODOMETER MTD R/S FRONT AXLE

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

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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-6 2S/1M ABS *W/O ROLL STABILITY*
WHEEL BEARING LUBRICATION	FACTORY CHOICE 80W-90 OIL
ANTI-DOCK WALK DEVICES	➡ HENDRICKSON ANTI DOCK WALK DEVICE FOR USE WITH MANUAL DUMP VALVE
WHEEL SEPARATOR PLATES	⇒ NYLON WHEEL GUARD SEPARATOR PLATES BTWN INNER WHEEL & HUB
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	.040 ALUM FRONT PANELS
ELECTRICAL NOSEBOX	■ UTM SINGLE FUNCT ZINC RECEPT/BOX W/BRAKE ACT RELAY FOR DOMELIGHT/ SPOTLIGHT

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

EVAPORATOR GUARDS

→ JBH#ECGPMD11A GUARD FOR CARRIER MJD-1100;TACKED-IN-PLACE INSTALLED BY OTHERS;USE W/VECTOR

EVAPORATOR GUARDS

→ JBH#ECGPMS11A GUARD FOR CARRIER MJS-1100;TACKED-IN-PLACE INSTALLED BY OTHERS;USE W/VECTOR

EVAPORATOR GUARDS

■ UTM F&I HOST/REMOTE (2) BAR CONN GUARD (JBH# EHRG0009)FOR R/S MTD VECTOR REMOTE EVAPORATOR TROUGH

PREP FOR CARRIER CEILING MOUNTED REMOTE EVAPORATOR ⇒ PREP FOR CARRIER MJD-1100-2 CLG MTD EVAP/GUARD, R/S (REQS MIN 3-1/2" ROOF INSUL)

REQUIRED INFORMATION:

Evap Location(s) must be provided: C/L of Evap is inches from the extreme front wall and inches from R/S wall.

>> Locate MJD-1100 evap at 320" from extreme front to C/L of evap, offset to R/S with discharge forward and rear Locate MJS-1100 evap at 591" from extreme front to C/L of evap, offset to C/S with discharge forward

PREP FOR CARRIER CEILING MOUNTED REMOTE EVAPORATOR ⇒ PREP FOR CARRIER MJS-1100-2 CLG MTD EVAP /GUARD R/S (REQS MIN 3-1/2" ROOF INSUL)

PREP FOR CARRIER FRONTMOUNT REFRIGERATION UNIT ⇒ PREP FOR CARRIER VECTOR-8600MT MULTI-TEMP 460V 30AMP 3PHASE FRT MNT RFR UNIT W/ELECTRIC STANDBY

PLUG TO REAR FOR HIGH VOLTAGE REEFER UNITS

NO PLUG@RR (CARRIER MULTI-TMP)- DLR TO ADVISE CUST UTM APPROVED PLUG TO RR CAN'T BE RETROFITTED

REFRIGERATION UNIT OPENING COVER SHEET METAL COVER (INCLS SEALANT FULL PERIMETER OF OPENING)

10-Side Walls

SIDE PANELS

○ .040 ALUM CORRUGATED SIDE PANELS

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.

>> 14-13/16"

11-Roof

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6-3/8" HEAVY DUTY EXTRUDED ALUM TOP RAILS 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 UTM BARRIER DESIGN DOUBLE SWING REAR DOORS REAR DOOR TYPE REAR DOOR PANELS **○** .040 TRANSLITE POLISHED ALUMINUM DIAMOND PATTERN REAR DOOR PANELS ■ EXTEND REAR DOOR HAT SECTION FULL WIDTH WHERE IT MEETS REAR DOOR CROSSBRACES WITH LOWER C/S VENT **○** (1) ADDL REAR DOOR LOCKROD ON CURBSIDE FOR A TOTAL OF (3) REAR DOOR LOCK RODS REAR DOOR HINGES **○** (5) REAR DOOR HINGES PER DOOR REAR DOOR HINGES ➡ REAR DOOR ANTI THEFT TAMPER PROOF HARDWARE FOR THEFT PREVENTION **○** 6" X 16" REAR VENT W/STAINLESS STEEL COVER ON LOWER C/S VENT DOOR REAR (INCLUDES VENT OPENING SCREEN) **HOLDBACKS** CHAIN LINK AND HOOK TYPE DOOR HOLDBACKS REAR CASE & BUCKPLATE SST REAR DOOR CASE FOR SWING DOORS *MATERIAL* REAR GUSSETS 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 GRAB HANDLE AT REAR OF DOOR **TRAILER** REAR DOOR HINGE MATERIAL NON-POLISHED ALUMINUM REAR DOOR HINGE PIN **⇒** **NOTE** Stainless Steel Hinge Pins *MATERIAL* CORROSION RESISTANT REAR CORROSION RESIST ELECTROPOLISHED SST REAR DOOR HARDWARE SWING DRS (INCL NON-POLISHED ALUM HINGES) DOOR HARDWARE ANTI-DRIP LIP ⇒ ANTI-DRIP LIP AT REAR HEADER 14-Floor **○** 1-3/8" NOM HD EXTRU ALUM HIGH WEAR DRY FRT FLOOR FLOOR TYPE 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

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DOCK BOARD GUIDE PLATES

HEAVY DUTY EXTRU ALUM WEDGE TYPE REAR THRESHOLD W/(4)

REAR THRESHOLD

○ OMIT TROUGH AND DRAINS AT FRONT TROUGH & DRAINS AT FRONT FORK LIFT REINFORCING 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 STUB POSTS 15-Insulation INSULATION TYPE POLYURETHANE INSULATION FOAMED IN PLACE 4" THICK FRONT WALL FRONT WALL THICKNESS SIDE WALL THICKNESS 2" THICK SIDE WALL ROOF THICKNESS ⇒ 3-1/2" ROOF INSULATION "FOR USE WITH REMOTE EVAP(S) ONLY" FLOOR THICKNESS ⇒ 2" FLOOR INSULATION REAR DOOR THICKNESS 3" THICK REAR DOORS CROSSMEMBER FLOOR HARDWOOD FLOOR FILLERS FULL LENGTH **FILLERS** FLOOR UNDERSKIN .035 THERMOPLASTIC FLOOR UNDERSKIN 16-Lining FRONT WALL LINING .065 (NOM) VERSITEX-UTILITY VR2U FRONT WALL LINING **⊃** FACTORY CHOICE SIDEWALL LINING VR3U .085 SIDE WALL LINING VERSITEX/ARMORTUF-075 FLAT ARMT**SEE DISCLAIMER NOTE** ROOF LINING .065 (NOM) VERSITEX-UTILITY VR2U ROOF LINING .065 (NOM) VERSITEX-UTILITY VR2U REAR DOOR LINING REAR DOOR LINING **○** 6" EXTRA HEIGHT EXTRUDED ALUM STD DUTY WEARBAND TOTAL WEARBAND OF 16" INCL REINFORCING BEHIND WEARBAND **○** LOCATE E-TRACK @ 54" FROM TOP OF FLOOR TO C/L OF TRACK LOGISTIC RAILS LOGISTIC RAILS ○ (1) ROW SERIES "E" GALV RECESS MTD LOG TRACK ON SIDE WALLS REQUIRED INFORMATION: <u>Locate E-track</u> inches from centerline of track to top of floor. >> 54" ➡ REINFORCE "A" OR "E" TYPE LOG TRACK FOR DOUBLE DECKING. LOGISTIC RAIL SPL **MODIFICATION** WEARBAND ON REAR SWING ● 16" HIGH X 1/8" SMOOTH ALUM WEARBAND W/BEVELED EDGES ON REAR SWING DOORS INCL HARDWOOD REINF **DOORS** 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

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7-WAY ELECTRICAL RECEPTACLE W/O CIRCUIT BREAKERS

ELECTRICAL RECEPTACLE

CLEARANCE LIGHT QUANTITY	⇒ 2-3-4-5 CLEARANCE LIGHT PACKAGE (INCLS CLEARANCE LIGHT ON BTM RAIL ABOVE COMBO)
DOMELIGHTS MOUNTED IN CEILING	⇒ 3 - GROTE SUPERNOVA 6-DIODE L.E.D. DOMELIGHT W/O SWITCH REC MTD IN CEILING PARALLEL TO SIDE WALL REQUIRED INFORMATION: Specify Location(s) of Domelight from Front wall the side wall of trailer
	>> Locate (3) ceiling domelights as follows: -(1) at approx 96" and 456" from extreme front to C/L of light, 12" from C/S -(1) at approx 276" from extreme front to C/L of light, 30" from R/S
ADDITIONAL STOP/TAIL LIGHTS	ONE ADDL STOP/TAIL LIGHT EACH SIDE ON SST BUCK PLATE WITH EXTENDED LIGHT PROTECTOR BAR
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
SWITCHES FOR DOME/SPOT LIGHTS	○ (1) MOMENTARY SWITCH FOR DOME/ SPOT LIGHTS, RECESS MTD IN INTERIOR C/S WALL AT REAR
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	➡ TRUCKLITE MODEL 35 PC RATED LED UPPER SIDE RAIL CLEARANCE LIGHTS
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	○ (5) GROTE MICRONOVA L.E.D. P2 RATED 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

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FRONT APPROACH PLATE
FINISH

FRONT SUBFRAME ASSEMBLY
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
UTM BLACK ENAMEL FINISH ON HORIZ DOCK BUMPER; BLACK

BMPR FINISH

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 MOUNTED ON FRONT

WALL LOWER R/S

SIDE MOUNTED

BASE SPEC:USS120A-4 "ADVANCED" AERODYNAMIC BLACK SIDE

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

→ 8 - 22.5X8.25 ALCOA HIGH POLISH ULTRA ONE ALUMINUM 10

H/P#ULT397

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

Special Instructions

None.

Weight

Total Weight 13,666 lbs. (+/- 3%)

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Terms & Conditions

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