



The First Name In Trailers

Ocean Trailer

Mike Prince-Wright
7288 84th street S.E
Calgary, AB T2C 3W5
Voice 403-720-7100
Fax 403-720-5794

Trailer Quote Prepared For

Ocean Trailer
7288 84th Street S.E.
Calgary, AB T2C 3W5

20 - VS2RA
October 23, 2023

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>SPECIAL TRAILER APPLICATION</i>	☞ VS3RA DERIVED DESIGNATION (DERIVED FROM DUAL AXLE REEFER BASE SPECIFICATIONS/OPTIONS)
<i>GROSS VEHICLE WEIGHT RATING</i>	☞ 80,000 LBS GVWR FOR USE W/(3) AXLE TRAILER
<i>INTERNATIONAL IMPORTATION SPECIFICATIONS</i>	☞ FRENCH/ENGLISH SER PLT REQD FOR IMPORT TO CANADA
<i>GREENHOUSE GAS COMPLIANCE</i>	THIS TRAILER IS NOT UTMC 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>	☞ 3GA (1/4" NOM) HIGH STRENGTH STEEL APPROACH PLATE (TWO PIECE CONSTRUCTION)
<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

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 BRACING

➤ HEAVY DUTY WING PLATE HT80 VS STD

SUPPORT LEG REINFORCING

➤ 3/4" GRADE 50" SQUARE BAR" REINF . AT WING PLATE FLANGES FOR & AFT

SUPPORT LEGS

➤ JOST MODEL H451 MAGNUM SUPP LEGS W/10-YR WARRANTY AND 10"X10" CUSHION FOOT

6-Frame, Rails & Crossmembers

BOTTOM RAILS

➤ DO NOT NOTCH OUT BOTTOM RAIL AT REAR

BOTTOM RAILS

1" 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 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 BMPR WELD-ON VERT & BOLT-ON NONSLIP HRZ 21"MAX GRND CLR,W/IN LESS 4"OAW EA SIDE 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

HUBODOMETER

➤ STEMCO HUBODOMETER MTD R/S FRONT AXLE

<i>DUST SHIELDS</i>	☞ DUST SHIELDS FOR 16-1/2" X 7" BRAKES FOR USE WITH TRIDEM
<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>HUBCAPS</i>	☞ FEDERAL MOGUL "NON-VENTED" HUBCAP WITHOUT FILL HOLES
<i>WHEEL SEPARATOR PLATES</i>	☞ NYLON WHEEL GUARD SEPARATOR PLATE BTWN INNER WHEEL & OUTER WHEEL 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
<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"

PREP FOR THERMO KING
FRONTMOUNT
REFRIGERATION UNIT

REFRIGERATION UNIT
OPENING COVER

- ☞ PREP FOR TK PRECEDNT S600 SINGLE TEMP FRONT MOUNT REEFER UNIT WITHOUT ELECTRIC STANDBY
- SHEET METAL COVER (INCLS SEALANT FULL PERIMETER OF OPENING)

10-Side Walls

SIDE PANELS

SIDE POSTS

EXTERIOR SIDE WALL
PROTECTION

- .040 ALUM FLAT SIDE PANELS
- 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
- ☞ 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.
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11-Roof

TOP RAILS

ROOF SKIN

ROOF BOWS

- 6-3/8" HEAVY DUTY EXTRUDED ALUM TOP RAILS
- .025 ONE PIECE ALUM COIL ROOF SKIN
- 1" EXTRU ALUM "J" SHAPED ROOF BOWS ON 48" C/L

12-Rear Doors

REAR DOOR TYPE

REAR DOOR PANELS

REAR DOOR CROSSBRACES

REAR DOOR LOCK RODS

REAR DOOR HINGES

VENT DOOR REAR

HOLDBACKS

REAR CASE & BUCKPLATE
MATERIAL

REAR CASE CORNER POSTS &
HEADER

REAR GUSSETS

- UTM BARRIER DESIGN DOUBLE SWING REAR DOORS
- ☞ .040 TRANSLITE POLISHED ALUMINUM DIAMOND PATTERN REAR DOOR PANELS
- EXTRU ALUM HAT SHAPE REAR DOOR CROSSBRACES; NATURAL ALUMINUM FINISH
- ☞ (1) ADDITIONAL REAR DOOR LOCK ROD ON BOTH DOORS (TOTAL 4)
Electropolished Stainless Steel
- ☞ (5) REAR DOOR HINGES PER DOOR
- ☞ 6" X 16" REAR VENT W/STAINLESS STEEL COVER ON LOWER C/S (INCLUDES VENT OPENING SCREEN)
- 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

GRAB HANDLE AT REAR OF TRAILER

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

REAR DOOR HINGE MATERIAL

☞ POLISHED ALUM SWING REAR DOOR HINGES

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 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

☞ 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**

ROOF LINING

.065 (NOM) VERSITEX-UTILITY VR2U ROOF LINING

REAR DOOR LINING

.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>	☞ 2 - (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> >> .
<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>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 FLANGE MTD LED (10 DIODE) STOP/TAIL/TURN 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 LE.D. P2 RATED MULTIFUNCTION LIGHTS ON REAR SWING DOOR HEADER
18-Finish Specifications	
<i>TOP FRONT & 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 IMMersed 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 & 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
<i>TRAILER ELECTROLYSIS/CORROSION PREVENTION</i>	☞ CORROSION RESISTANT PACKAGE(INCLS 8 MIL THICK BARRIER,FOAM TAPE AND CAULKING)

19-Miscellaneous

<i>MUDFLAP TYPE</i>	BLACK PLASTIC ANTI-SAIL MUDFLAPS W/UTM LOGO, MTD WITH STEEL REINFORCING STRAPS
<i>MANIFEST BOX</i>	☞ ALUMINUM LINE #2001 8" X 13" MANIFEST BOX MOUNTED ON R/S FRONT
<i>PERMIT HOLDER</i>	☞ TRUCKLITE #97960 ROUND PERMIT HOLDER MOUNTED ON FRONT WALL LOWER R/S
<i>PLACARDS</i>	☞ 2 - (4) LABELMASTER #80-SM NATURAL ALUMINUM PLACARD HOLDERS W/O PLACARDS
<i>SIDE MOUNTED AERODYNAMIC AIR DEFLECTORS</i>	☞ OMIT BASE SPEC UTM USS120A-4 AERODYNAMIC SIDESKIRTS

20-Tires and Wheels

<i>22.5"X8.25"STANDARD WIDTH WHEELS</i>	☞ 12 - 22.5X8.25 ALCOA HIGH POLISH ULTRA ONE ALUMINUM10 H/P#ULT397
<i>22.5" STANDARD PROFILE TIRES</i>	☞ 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 15,252 lbs. (+/- 3%)

Terms & Conditions