



*The First Name In Trailers*

## **Ocean Trailer**

**Mack Key**  
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Trailer Quote Prepared For

***OCEAN TRAILER STOCK***  
***9076 RIVER ROAD***  
***DELTA, BC V4G1B5***

*40 - VS2RA*  
*April 18, 2022*

# OCEAN TRAILER 53' TANDEM SINGLE TEMP REEFER

## 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 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 #177 (2/1/22)

### 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

SUPPORT LEG BRACING

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

1" DEEP HEAVY DUTY EXTRU ALUM BOTTOM RAILS, TAPERED FRT & REAR

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) 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 IIHS-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

<i>DUST SHIELDS</i>	☞ DUST SHIELDS FOR 16-1/2" X 7" BRAKES
<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>	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>	MOBIL LUBE HD PLUS 80W-90 OIL
<i>ANTI-DOCK WALK DEVICES</i>	☞ HENDRICKSON SURELOK ANTI-DOCK WALK DEVICE
<i>WHEEL SEPARATOR PLATES</i>	☞ NYLON WHEEL GUARD SEPARATOR PLATES BTWN INNER WHEEL & HUB
<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,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>GLADHANDS AND RECEPTACLE</i>	GLADHANDS (W/SCREEN) AND RECEPTACLE MOUNTED ON AN ALUM EXTRU OFFSET TO R/S 30"

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 CORR SIDE PANELS, USE W/1-1/2" SIDE WALL INSUL  
(INCLS 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

➤ 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 14-13/16" ABOVE TOP OF BOTTOM  
RAIL TO C/L OF RUB BAR

### 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 BEAR DOOR HAT SECTION FULL WIDTH WHERE IT MEETS  
WITH LOWER C/S DOOR VENT

REAR DOOR LOCK RODS

➤ (1) ADDL REAR DOOR LOCKROD ON CURBSIDE FOR A TOTAL OF 3

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 HARDWARE FASTENER MATERIAL

☞ ANTI THEFT REAR DOOR HARDWARE

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

☞ 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

☞ .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

➤ VERSITEX-IWALL2 18"TTL WEARBAND INCL:16" VR10H .200"MIN. W/WELD BCKNG STRIP & 2"(.300")AL TURNUP

LOGISTIC RAILS

➤ (1) ROW SERIES "E" GALV RECESS MTD LOG TRACK FOR USE W/1-1/2" SIDE WALL INSULATION

REQUIRED INFORMATION:

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

>> ETRACK TO BE MOUNTED AT 54" C/L OF TRACK TO TOP OF FLOOR

LOGISTIC RAIL SPL  
MODIFICATION

➤ REINFORCE "A" OR "E" TYPE LOG TRACK FOR DOUBLE DECKING

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

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

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 MULTIFUNCTION 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

<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 &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 ALUMINUM10 H/P#ULT397
<i>22.5" STANDARD PROFILE TIRES</i>	☛ 8 - 1 IR 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 13,364 lbs. (+/- 3%)

Sept 2022 Third quarter

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## Terms & Conditions