

unit# 68915-68934(20)

Specifications (☞ = Option to Base Model)

1-Model & Payload Capacity

MODEL	VS2RA
PAYLOAD CAPACITY	55,000 LBS EVENLY DISTRIBUTED PAYLOAD CAPACITY
GROSS VEHICLE WEIGHT RATING	65,000 LBS GVWR
INTERNATIONAL IMPORTATION SPECIFICATIONS	☞ FRENCH/ENGLISH SER PLT REQD FOR IMPORT TO CANADA

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	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 LOCATION	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	JOIST MODEL A401 ENHANCED 50,000 LBS CAPACITY SUPPORT LEGS WITH 10" X 10" CUSHION FOOT
SUPPORT LEG LUBRICATION	☞ ARCTIC GREASE LANDING LEG LUBRICATION

6-Frame, Rails & Crossmembers

BOTTOM RAILS

11" 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"

*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

RUBBER DOCK BUMPERS

(1) PAIR RUBBER DOCK BUMPERS 2" PROUD

*VERTICAL & HORIZONTAL
DOCK BUMPER*

- DOT BMPR WELD-ON VERT & BOLT-ON NONSLIP HORIZ 21" MAX
FROM GROUND WITHIN LESS THAN 4" O.A. W.EA SIDE

*VERTICAL AND HORIZONTAL
DOCK BUMPER MATERIAL*

- SST VERTICAL AND HORIZONTAL DOCK BUMPER

8-Suspension/Axles/Actuation

*SLIDER SUSPENSION
LOCATION*

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

OIL SEALS

FEDERAL MOGUL NATIONAL 5-STAR OIL SEAL (SPINDLE MOUNT)
REQD FOR STD 5-YR WHEEL END WARRANTY

AIR BRAKE CHAMBERS

BENDIX EVERSURE 3030 AIR BRAKE CHAMBERS

AIR ACTUATION

ONE TANK AIR ACTUATION SYSTEM W/SPRING BRAKES

SLACK ADJUSTERS

BENDIX VERSAJUST AUTOMATIC SLACK ADJUSTERS

HUBODOMETER

- STEMCO-ENGLER HUBODOMETER MTD C/S REAR AXLE

DUST SHIELDS

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

AIR RIDE DUMP VALVES

HENDRICKSON AUTOMATIC DUMP VALVE

BRAKE LINING STYLE

HENDRICKSON HXS BRAKE LINING STYLE FOR USE W/ INTRAAX

AXLE SPINDLE NUTS

HENDRICKSON PRECISION SPINDLE NUT *REQD FOR STD 5-YR
WHEEL END WARRANTY*

*HUB PILOTED SYS
W/OUTBOARD DRUMS FOR
16-1/2" X 7" BRAKES*

10 STUD HUB-PILOTED SYSTEM WITH OUTBOARD CAST DRUMS
WITH 16-1/2" X 7" BRAKES

ANTILOCK BRAKE SYSTEMS
(ABS)

BASE SPEC BENDIX TABS-6 ADVANCED W/ROLL STABILITY 2S/1M
ABS

WHEEL BEARING
LUBRICATION

MOBIL LUBE HD PLUS 80W-90 OIL

HUB STUDS

➤ HUB PILOTED SYSTEM WITH LONGER STUDS FOR FUTURE
INSTALLATION OF ALUMINUM WHEELS

ANTI-DOCK WALK DEVICES

➤ HENDRICKSON SURELOK ANTI-DOCK WALK DEVICE FOR USE WITH
MANUAL DUMP VALVE

HUBODOMETER CALIBRATION

➤ CALIBRATE HUBODOMETER IN KILOMETERS

HUBCAPS

FEDERAL MOGUL "NON-VENTED" HUBCAP *REQD FOR STD 5-YR
WHEEL END WARRANTY*

AXLE MANUFACTURER

HENDRICKSON "VENTED" AXLES

AXLE SPINDLE TYPE

➤ P-SPINDLE TYPE

LOAD SCALE KIT

➤ HENDRICKSON AKLS1006 LOAD SCALE (INCLS MANUAL DUMP
VALVE) IN FULLY ENCLOSED POLYCARBONATE BOX

WHEEL BEARINGS (CONES)
AND RACES (CUPS)
MANUFACTURER

GENERAL BEARINGS (CONES) AND RACES (CUPS)

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

9-Front Wall

FRONT CORNER POST

.080 EXTRU ALUM 4-3/4" RADIUS FRONT CORNER POST

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

STAINLESS STEEL FRONT CORNER POST INSERTS

PREP FOR THERMO KING
FRONTMOUNT
REFRIGERATION UNIT

PREP FOR THERMO KING SB SERIES SINGLE COMPARTMENT FRONT
MOUNT REEFER UNIT W/O ELECTRIC STANDBY

REFRIGERATION UNIT
OPENING COVER

SHEET METAL COVER (INCLS SEALANT FULL PERIMETER OF
OPENING)

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

- 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

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

- .026 STAINLESS STEEL DIAMOND PATTERN REAR DOOR PANELS

REAR DOOR CROSSBRACES

- EXTEND BARRIER DOOR HAT SECTION FULL WIDTH WHERE IT MEETS WITH LOWER C/S REAR 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"

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

CORROSION RESISTANT REAR DOOR HARDWARE

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

14-Floor

FLOOR TYPE

- 1-3/8" NOM HD EXTRU ALUM EXTENDED WEAR DUCT FLOOR

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"

15-Insulation

<i>INSULATION TYPE</i>	POLYURETHANE INSULATION FOAMED IN PLACE
<i>FRONT WALL THICKNESS</i>	4" THICK FRONT WALL
<i>SIDE WALL THICKNESS</i>	⇒ 1-1/2" SIDEWALL INSULATION
<i>ROOF THICKNESS</i>	⇒ 2" ROOF INSULATION
<i>FLOOR THICKNESS</i>	⇒ 2" FLOOR INSULATION
<i>REAR DOOR THICKNESS</i>	3" THICK REAR DOORS
<i>CROSSMEMBER FLOOR FILLERS</i>	HARDWOOD FLOOR FILLERS FULL LENGTH
<i>FLOOR UNDERSKIN</i>	.040 VERSITEX COIL FLOOR UNDERSKIN

16-Lining

<i>FRONT WALL LINING</i>	.065 (NOM) VERSITEX-UTILITY VR2U FRONT WALL LINING
<i>SIDE WALL LINING</i>	.065 (NOM) VERSITEX-UTILITY VR2U SIDE WALL LINING
<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>	⇒ (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> >> 52" FLOOR TO C/L OF E TRACK
<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>	⇒ 2-5-6-5 CLEARANCE LIGHT PACKAGE (INCLS CLEARANCE LIGHT ON BTM RAIL ABOVE COMBO)

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 (3-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 LED UPPER SIDE RAIL CLEARANCE LIGHTS

LOWER CLEARANCE LIGHTS

➤ CONVERT STD & OPT BOTTOM RAIL LIGHTS TO GROTE TURTLEBACK II LED

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

GROTE MICRONOVA L.E.D. PC RATED GROMMET MOUNTED REAR HEADER ID/ CLR LIGHTS

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

PREPPAINTED 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 IMMERSSED 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 BMPR FINISH

UTM BLACK ENAMEL FINISH ON HORIZ DOCK BUMPER; BLACK SCHARPF ON VERTICAL DOCK BUMPER

ROOF EXTERIOR FINISH

NATURAL ALUM ROOF EXTERIOR FINISH

*FRONT CORNER POST INSERT
FINISH*

STAINLESS STEEL FINISH FRONT CORNER POST INSERTS

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

20-Tires and Wheels

*22.5"X8.25"STANDARD WIDTH
WHEELS*

22.5X8.25 F.C. STL 10 HUB PILOT

*22.5" STANDARD PROFILE
TIRES*

☛ 8 - 11R 22.5 MICH XTE 14P 41.00" TIRE DIA. LOAD RANGE 'G'

Special Instructions