

PO # 74007 - 74026

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	☞ 3GA (1/4" NOM) HIGH STRENGTH STEEL APPROACH PLATE (TWO PIECE CONSTRUCTION)
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	☞ JOST MODEL A451 MAGNUM SUPP LEGS W/10-YR WARRANTY AND 10"X10" LOW PROFILE REMOVABLE CUSHION FOOT

6-Frame, Rails & Crossmembers

BOTTOM RAILS

BOTTOM RAILS

*CROSSMEMBERS FRONT SUB
TO LEGS*

*CROSSMEMBERS OVER
SUPPORT LEGS*

*CROSSMEMBERS LEGS TO
REAR SUB*

TIRE PROTECTOR PLATES

*CROSSMEMBERS OVER REAR
SUBFRAME*

*CROSSMEMBERS OVER REAR
SUBFRAME*

*CROSSMEMBERS OVER REAR
SUBFRAME*

- EXTRA HEAVY DUTY BOTTOM RAILS
- DO NOT NOTCH OUT BOTTOM RAIL AT REAR
- ****NOTE**** 4" steel I-Beam crossmembers W/ (4) rivet endclips on 12" C/L from front sub to landing leg
- (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
- 14GA GALV STEEL 24"WIDE (2)PIECE TIRE PROTECTOR PLATES AT FRONT; INCL 4"STL CMEMS FRT SUB TO LEGS
- 4" STEEL I BEAM CMEMS W/(4)RIVET ENDCLIPS ON 12" C/L W/STD REINF OF (1) ADDL CMEM IN REAR 34"
- (1) ADDL STEEL CMEM IN REAR 46" ON 6" C/L
- SINGLE END PLATE C/S&R/S TIED TO REAR CNR GUSSET@LAST(3)CBARS FWD OF TOWBRACE

7-Rear Subframe

RUBBER DOCK BUMPERS

*VERTICAL &HORIZONTAL
DOCK BUMPER*

*VERTICAL AND HORIZONTAL
DOCK BUMPER MATERIAL*

- (1) PAIR RUBBER DOCK BUMPERS 2" PROUD
- DOT BMPR WELD-ON VERT & BOLT-ON NONSLIP HORIZ 21"MAX FROM GROUND WITHIN LESS THAN 4"O.A.W.EA SIDE
- SST VERTICAL AND HORIZONTAL DOCK BUMPER

8-Suspension/Axles/Actuation

*SLIDER SUSPENSION
LOCATION*

OIL SEALS

AIR BRAKE CHAMBERS

AIR ACTUATION

SLACK ADJUSTERS

HUBODOMETER

QUICK RELEASE VALVES

AIRRIIDE DUMP VALVES

BRAKE LINING STYLE

AXLE SPINDLE NUTS

- 70" REAR SUSPENSION LOCATION AND 166" FORWARD SUSPENSION LOCATION FOR 96" OF SLDR TRAVEL
- FEDERAL MOGUL NATIONAL 5-STAR OIL SEAL (SPINDLE MOUNT) *REQD FOR STD 5-YR WHEEL END WARRANTY*
- BENDIX EVERSURE 3030 AIR BRAKE CHAMBERS
- ONE TANK AIR ACTUATION SYSTEM W/SPRING BRAKES
- BENDIX VERSAJUST AUTOMATIC SLACK ADJUSTERS FOR USE W/BENDIX EVERSURE OR TSE BRAKE CHAMBERS
- STEMCO HUBODOMETER MTD C/S REAR AXLE
- PHILLIPS QWIK-E GLADHAND W/QUICK RELEASE VALVE
- HENDRICKSON AUTOMATIC DUMP VALVE
- HENDRICKSON HXS BRAKE LINING STYLE FOR USE W/ INTRAAX
- 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
WTH 16-1/2" X 7" BRAKES

ANTILOCK BRAKE SYSTEMS
(ABS)

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

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

N-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

WHEEL END SYSTEMS

➔ UTM-7 (7YR WHL END);W/FED MOGUL SEALS/HUBCAPS/HEND
SPINDLE NUTS/ P-SPINDLE/DELO SEMIFLUID GREASE

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 TK PRECEDNT C600 SINGLE TEMP FRONT MOUNT REEFER
UNIT WITHOUT ELECTRIC STANDBY

REFRIGERATION UNIT
OPENING COVER

SHEET METAL COVER (INCLS SEALANT FULL PERIMETER OF
OPENING)

10-Side Walls

SIDE PANELS

.040 ALUM FLAT SIDE PANELS

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

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.

>> tba

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

- STAINLESS STEEL REAR DOOR CROSSBRACES

REAR DOOR LOCK RODS

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

REAR DOOR HINGES

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

HOLDBACKS

- RECESSED SWING DOOR HOLDBACKS (INCLUDES HOLE CUTOUT IN BOTTOM RAIL)

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"

BUCKPLATE ACCESSORIES

- BUCKPLATE TO HAVE PINTLE HOOK CUT OUT (NO PINTLE HOOK)

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

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

TROUGHS

EXTRU ALUM TROUGH FRONT & REAR

<i>DRAINS</i>	(2) DRAINS FRONT AND (2) REAR
<i>REAR THRESHOLD</i>	HEAVY DUTY EXTRU ALUM WEDGE TYPE REAR THRESHOLD W/(4) DOCK BOARD GUIDE PLATES
<i>TROUGH & DRAINS AT FRONT</i>	➡ OMIT TROUGH AND DRAINS AT FRONT
<i>FORK LIFT REINFORCING</i>	BEARING GRID SYS AT REAR W/HDWD FILLERS FULL LENGTH & ALUM I CORES REAR 36" OF FLR IN CTR 68"
<i>STUB POSTS</i>	SIDEWALL STUB POST ON 48" C/L

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>	.035 VERSITEX COIL FLOOR UNDERSKIN

16-Lining

<i>FRONT WALL LINING</i>	.065 (NOM) VERSITEX-UTILITY VR2U FRONT WALL LINING
<i>SIDE WALL LINING</i>	➡ .085 (NOM) VERSITEX-UTILITY VR3U SIDE WALL LINING ***SEE NOTES FOR DISCLAIMER***
<i>ROOF LINING</i>	.065 (NOM) VERSITEX-UTILITY VR2U ROOF LINING
<i>REAR DOOR LINING</i>	➡ .085 (NOM) VERSITEX-UTILITY VR3U REAR DOOR LINING ***SEE NOTES FOR DISCLAIMER***
<i>WEARBAND</i>	➡ 6" EXTRA HEIGHT 3/16" EXTRU ALUM HEAVY DUTY WEARBAND TOTAL OF 16" INCL REINFORCING BEHIND WEARBAND
<i>LOGISTIC RAILS</i>	➡ (1) ROW 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/BVELED 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
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<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" L.E.D. (3-DIODE) STOP/ TAIL/TURN LIGHTS (2) PER SIDE WITH BLACK SNAP-IN FLANGE
<i>LICENSE LIGHT</i>	GROTE MICRONOVA L.E.D. LICENSE LIGHT
<i>CONSPICUITY TAPE LOCATION</i>	➤ **NOTE** CONSPICUTY TAPE LOCATED ON SIDE PANELS VS. BOTTOM RAIL
<i>CONSPICUITY TAPE</i>	FACTORY CHOICE CONSPICUITY TAPE
<i>UPPER CLEARANCE LIGHTS</i>	FACTORY CHOICE LED UPPER SIDE RAIL CLEARANCE LIGHTS WITH 3" MOUNTING HOLE C/L
<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 & 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>	➤ **NOTE** STAINLESS STEEL DIAMOND PATTERN 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

*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

MANIFEST BOX

➡ PENZ #10-01 MANIFEST BOX MOUNTED R/S FRONT WALL

MANIFEST BOX

➡ LOCATE MANIFEST BOX ON CURB SIDE BOTTOM FRONT CORNER
ABOVE BOTTOM RAIL

PERMIT HOLDER

➡ PERMIT HOLER C/L OF FRONT OF TRAILER 51" AND 7" FROM THE
BTM OF THE PERMITHOLDER TO TOP RAIL

PERMIT HOLDER

➡ TITSEAL PERMIT HOLDER PART#TC-158-CX

20-Tires and Wheels

*22.5"X8.25"STANDARD WIDTH
WHEELS*

➡ 8 - 22.5X8.25 ALCOA CLEAN BUFF ALUMINUM 883677 10 H/P

22.5" LOW PROFILE TIRES

➡ 8 - 295/75R 22.5 GDYR G316 DURASEAL FUELMAX 14P. 39.80" T/D,
LOAD RANGE 'G',MAX SPEED RATED@75 MPH

Special Instructions

E TRACK 54" C/L TO FLOOR
RUB RAIL 6" FROM TOP OF BOTTOM RAIL

Terms & Conditions