

Specifications (► = Utility Base Specification; * = Option to Base Model)

1. Model, Payload Capacity and General Specifications

Position	Opt	Qty	Description	Notes
MODEL		1	VS2RA	
PAYLOAD CAPACITY		1	55,000 LBS EVENLY DISTRIBUTED PAYLOAD CAPACITY	
SPECIAL TRAILER APPLICATION	*	1	VS3RA DERIVED DESIGNATION (DERIVED FROM DUAL AXLE REEFER BASE SPECIFICATIONS/OPTIONS)	
GROSS VEHICLE WEIGHT RATING	*	1	80,000 LBS GVWR FOR USE W/ (3)AXLE TRAILER	
INTERNATIONAL IMPORTATION SPECIFICATIONS	*	1	FRENCH/ENGLISH VIN LABEL REQD FOR IMPORT TO CANADA AND QA ICERTIFICATION	
GREENHOUSE GAS COMPLIANCE		1	THIS TRAILER IS NOT UTMG GHG2 CERTIFIED, GHG2 CERTIFICATION MAY REQUIRE ADDL OPTIONS/COSTS	
FOAM COMPOSITION		1	TRAILER CONTAINS NON-HFC FOAM; MAY BE SOLD OR USED IN STATE W/ HFC RESTRICTION	

2. Dimensions

Position	Opt	Qty	Description	Notes
LENGTH		1	53'0" OVERALL LENGTH	
OVERALL HEIGHT		1	13'6" O/A HEIGHT ON 46-1/2" FIFTH WHEEL HEIGHT FOR 107-1/8" POST HEIGHT	
WIDTH		1	102-3/8" OVERALL WIDTH	

3. Deck

Position	Opt	Qty	Description	Notes
DECK TYPE		1	STRAIGHT DECK	

4. Front Subframe

Position	Opt	Qty	Description	Notes
FRONT SUBFRAME		1	4-1/4" DEEP BOX BEAM DESIGN FRONT SUBFRAME	
APPROACH PLATE	*	1	3GA (1/4" NOM) HIGH STRENGTH STEEL APPROACH PLATE (TWO PIECE CONSTRUCTION)	
KINGPIN PLATE		1	3GA HIGH STRENGTH STEEL FULL WIDTH KINGPIN PLATE	
KINGPIN TYPE		1	AAR HARDNESS CRUCIFORM KINGPIN	
KINGPIN LOCATION		1	36" KINGPIN LOCATION	
COVER PLATE		1	EXTRUDED ALUM COVER ON FRONT FACE OF APPROACH PLATE	

5. Support Legs

Position	Opt	Qty	Description	Notes
SUPPORT LEG LOCATION		1	SUPPORT LEG LOCATION OF 105" FROM C/L OF KINGPIN	
SUPPORT LEG CRANK LOCATION		1	ROADSIDE SUPPORT LEG CRANK LOCATION	

SUPPORT LEG BRACING	*	1	HD SUPPORT LEG REINF SYS (INCLS: HD SHUTTLE RUN X-BRACE REINF, HD SIDE POSTS 1ST(4)PNLS & 12"MAX CL	
WING PLATE MATERIAL	*	1	HEAVY DUTY WINGPLATES HT80	
SUPPORT LEGS	*	1	JOST MODEL A451 MAGNUM SUPPORT LEGS W/10-YR WARRANTY & 10"X10" ULTRA LOW PROFILE CUSHION FOOT	

6. Frame, Rails & Crossmembers

Position	Opt	Qty	Description	Notes
BOTTOM RAILS	*	1	EXTRA HEAVY DUTY BOTTOM RAILS	
BOTTOM RAILS	*	1	DO NOT NOTCH OUT BOTTOM RAIL AT REAR	
CROSSMEMBERS FRONT SUB TO LEGS		1	4" ALUM I BEAM CMEMS W/(4) RIVET ENDCLIPS ON 12" C/L FRONT SUB TO SUPPORT LEGS	
CROSSMEMBERS OVER SUPPORT LEGS		1	(5) 4" STEEL I BEAM CMEMS W/(4) RIVET ENDCLIPS ON 12" C/L OVER SUPPORT LEGS.	
CROSSMEMBERS LEGS TO REAR SUB		1	5-1/2" ALUM I SHAPE CMEMS W/(4) RIVET ENDCLIPS ON 12" C/L SUPPORT LEGS TO REAR SUB	
CROSSMEMBERS OVER REAR SUBFRAME	*	1	(2) ADDL STEEL CMEMS IN REAR 58" ON 6" C/L	
PREP FOR FUEL TANK FOR USE WITH SIDE SKIRTS	*	1	50 GAL FUEL TANK PREP (UTM STD) FOR USE WITH SIDE SKIRTS	

7. Rear Subframe

Position	Opt	Qty	Description	Notes
RUBBER DOCK BUMPERS	*	1	(1) PAIR POLYURETHANE DOCK BUMPERS 5/8" PROUD W/EMBEDDED STUD	
VERTICAL & HORIZONTAL DOCK BUMPER	*	1	DOT SST WELD-ON VERT & BOLT-ON NONSLIP HRZ 21"MAX GRND CLR W/IN LESS 4"O.A.W.EA SIDE FOR 7" BMPR	

8. Suspension/Axles/Actuation

Position	Opt	Qty	Description	Notes
SLIDER SUSPENSION LOCATION		1	70" REAR SUSPENSION LOCATION AND 166" FORWARD SUSPENSION LOCATION FOR 96" OF SLDR TRAVEL	
OIL SEALS		1	CONMET PREMIUM OIL SEALS (INCL W/ CONMET PRESET+ WHEEL END SYSTEM)	
AIR BRAKE CHAMBERS		1.5	BENDIX ENDURASURE 3030 AIR BRAKE CHAMBERS	
AIR ACTUATION		1	ONE TANK AIR ACTUATION SYSTEM W/SPRING BRAKES	
SLACK ADJUSTERS		1.5	BASE SPEC: 5-1/2" FACTORY CHOICE AUTOMATIC SLACK ADJUSTERS (ABA)	
HUBODOMETER	*	1	STEMCO HUBODOMETER MTD ON AXLE	C/S REAR AXLE
DUST SHIELDS	*	1.5	DUST SHIELDS FOR 16-1/2" X 7" BRAKES	
BRAKE LINING STYLE		1	HENDRICKSON HXS BRAKE LINING STYLE FOR USE W/ INTRAAX/VANTRAAX	
AXLE SPINDLE NUTS		1	CONMET SPINDLE NUT (INCL. W/CONMET PRESET+ WHEEL END SYSTEM)	
HUB PILOTED SYS W/OUTBOARD DRUMS FOR 16-1/2" X 7" BRAKES		1.5	BASE SPEC: STL JACKET 10STD HBPLT SYS W/OB BLNCD ST LT WT DRUMS 16-1/2"X7"BRKS FOR CNMET PRESET+	

ANTILOCK BRAKE SYSTEMS (ABS)	*	1	BENDIX TABS-6 2S/1M ABS *W/O ROLL STABILITY*	
WHEEL BEARING LUBRICATION		1.5	FACTORY CHOICE 80W-90 OIL	
ANTI-DOCK WALK DEVICES	*	1	HENDRICKSON SURELOK ANTI-DOCK WALK DEVICE FOR USE WITH MANUAL DUMP VALVE	
HUBCAPS		1	FEDERAL MOGUL "NON-VENTED" HUBCAP WITHOUT FILL HOLES	
WHEEL SEPARATOR PLATES	*	1.5	NYLON WHEEL GUARD SEPARATOR PLATES BTWN INNER WHEEL & HUB	
AXLE MANUFACTURER		1	HENDRICKSON "VENTED" AXLES	
AXLE SPINDLE TYPE	*	1.5	P-SPINDLE TYPE FOR USE WITH CONMET PRESET PLUS WHEEL END SYSTEM	
AUTOMATIC TIRE INFLATION SYSTEM	*	1.5	HEND TIREMAAX PRO TIRE INFL SYS W/WARN LGT ON FRONT CORNER *RETAINS CONMET 8YR WARRANTY*	
LOAD SCALE KIT	*	1	HENDRICKSON AKLS1006 LOAD SCALE (INCLS MANUAL DUMP VALVE) IN FULLY ENCLOSED POLYCARBONATE BOX	
WHEEL BEARINGS (CONES) AND RACES (CUPS) MANUFACTURER		1	CONMET BEARINGS (INCL W/ CONMET PRESET+ WHEEL END SYSTEM)	
HENDRICKSON AIRRIDE SYSTEMS WITH INTEGRAL AXLES	*	1	HENDRICKSON HKANT 69K23 TRIAXLE AIRRIDE/AXLE SYSTEM, 60" AXLE SPACING	
SLIDER PIN RELEASE MECHANISM		1	HENDRICKSON QUIK DRAW AIR OPERATED SLIDER REPOSITIONING SYSTEM	
CONMET WHEEL END SYSTEMS	*	1.5	CONMET PRESET+ ALUM HUB SYSTEM, INCL;CONMET PREMIUM SEAL,BEARING,SPACER & SPINDLE NUT	

9. Front Wall

Position	Opt	Qty	Description	Notes
FRONT CORNER POST		1	BASE SPEC: .080 EXTRUDED ALUM 4-3/4" RADIUS FRONT CORNER POST WITHOUT INSERT RECEIVERS	
FRONT WALL POSTS		1	1" "J" EXTRU ALUM FRT WALL POST W/(2) ADDL 3-1/4" DEEP STEEL REEFER UNIT SUPPORT POSTS	
FRONT PANELS		1	.040 ALUM FRONT PANELS	
REEFER UNIT PREPARATION	*	1	10-BOLT COMBINED NORTH AMERICAN AND EUROPEAN TRU BOLT PATTERN W/INCREASED FRT WALL OPENING ONLY	
GLADHANDS AND RECEPTACLE		1	GLADHANDS (W/SCREEN) AND RECEPTACLE MOUNTED ON AN ALUM EXTRU OFFSET TO R/S 30"	
FRONT CORNER POST INSERTS	*	1	FLAT STAINLESS STEEL INSERTS ON FRONT CORNER POSTS W/ RECEIVERS	
REFRIGERATION UNIT OPENING COVER		1	SHEET METAL COVER (INCLS SEALANT FULL PERIMETER OF OPENING)	
PREP FOR THERMO KING / CARRIER REEFER UNIT		1	PREP FOR LARGE FRONT MOUNT THERMO KING/CARRIER REEFER UNIT *****W/O ELECTRIC STANDBY*****	
CARGOBULL REFRIGERATION UNIT ACCESSORIES	*	1	INSTALL CARGOBULL "Y" LIN-BUS HARNESS IN AIR/LIGHT LINE TROUGH FOR FUTURE SNSR INSTL BY OTHERS	

10. Side Walls

Position	Opt	Qty	Description	Notes
SIDE PANELS		1	.040 ALUM FLAT SIDE PANELS	
SIDE POSTS		1	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	*	1	RUB PROTECTOR(EXT S/WALL)EXTR AL W/END CAPS;(1)MTD ABOVE BOT RAIL FULL LGTH EA SIDE	LOCATE RUB PROTECTOT AT APPROX 14-13/16" FROM TOP OF BOTTOM RAIL TO C/L OF RUB PROTECTOR.

11. Roof

Position	Opt	Qty	Description	Notes
TOP RAILS		1	6-3/8" HEAVY DUTY EXTRUDED ALUM TOP RAILS	
ROOF SKIN		1	.025 ONE PIECE ALUM COIL ROOF SKIN	
ROOF BOWS	*	1	1" EXTRU ALUM "J" SHAPE ROOF BOWS ON 24" C/L	

12. Rear Doors

Position	Opt	Qty	Description	Notes
REAR DOOR TYPE		1	UTM BARRIER DESIGN DOUBLE SWING REAR DOORS	
REAR DOOR PANELS	*	1	.040 TRANSLITE POLISHED ALUMINUM DIAMOND PATTERN REAR DOOR PANELS	
REAR DOOR CROSSBRACES		1	EXTRU ALUM HAT SHAPE REAR DOOR CROSSBRACES; NATURAL ALUMINUM FINISH	
REAR DOOR LOCK RODS	*	1	(1) ADDITIONAL REAR DOOR LOCK ROD ON BOTH DOORS (TOTAL 4)	
REAR DOOR HINGES	*	1	(5) REAR DOOR HINGES PER DOOR	
REAR DOOR HINGES	*	1	REAR DOOR ANTI-THEFT TAMPER PROOF HARDWARE FOR THEFT PREVENTION	
VENT DOOR REAR	*	1	6" X 16" REAR VENT W/STAINLESS STEEL COVER ON LOWER C/S (INCLUDES VENT OPENING SCREEN)	
HOLDBACKS		1	CHAIN LINK AND HOOK TYPE DOOR HOLDBACKS	
REAR CASE & BUCKPLATE MATERIAL		1	SST REAR DOOR CASE FOR SWING DOORS	
REAR CASE CORNER POSTS & HEADER	*	1	SHALLOW REAR WEDGE PORTION OF REAR SWING DOOR HEADER FROM 1-1/8" TO 1/2"	
REAR GUSSETS		1	ENHANCED REAR CORNER GUSSET DESIGN FOR IMPROVED BOTTOM RAIL STRENGTH AT REAR OF TRAILER	
GRAB HANDLE AT REAR OF TRAILER	*	1	36" VERT BOLT-ON CHROME-PLATED GRABHANDLE ON C/S EDGE OF R/S SWING DOOR	
BUCKPLATE REINFORCING	*	1	5/8" SST HORIZONTAL FLANGE ON REAR BUCKPLATE (VS STD 3/8")	
REAR DOOR HINGE MATERIAL		1	NON-POLISHED ALUMINUM	
CORROSION RESISTANT REAR DOOR HARDWARE	*	2.0	CORROSION RESIST ELECTROPOLISHED SST REAR DOOR HARDWARE SWING DRS (INCL NON-POLISHED ALUM HINGES)	
	*	1	12-50-XXX EXTEND BARRIER DOOR HAT SECTION FULL WIDTH WHERE IT MEETS WITH LOWER C/S REAR DOOR VENT (WITH EXTRA DOOR HINGE)	

13. Side Doors

Position	Opt	Qty	Description	Notes
----------	-----	-----	-------------	-------

14. Floor

Position	Opt	Qty	Description	Notes
FLOOR TYPE	*	1	1-3/8" NOM HD EXTRU ALUM HIGH WEAR DRY FRT FLOOR KNURLED	
TROUGHS		1	EXTRU ALUM TROUGH FRONT & REAR	

DRAINS		1	(2) DRAINS FRONT AND (2) REAR	
REAR THRESHOLD		1	HEAVY DUTY EXTRU ALUM WEDGE TYPE REAR THRESHOLD W/(4) DOCK BOARD GUIDE PLATES	
FORK LIFT REINFORCING		1	BEARING GRID SYS AT REAR W/HDWD FILLERS FULL LENGTH & ALUM I CORES REAR 36" OF FLR IN CTR 68"	
STUB POSTS		1	SIDEWALL STUB POST ON 48" C/L	

15. Insulation

Position	Opt	Qty	Description	Notes
INSULATION TYPE		1	POLYURETHANE INSULATION FOAMED IN PLACE	
FRONT WALL THICKNESS		1	4" THICK FRONT WALL	
SIDE WALL THICKNESS		1	2" THICK SIDE WALL	
ROOF THICKNESS	*	1	2" ROOF INSULATION	
FLOOR THICKNESS	*	1	2" FLOOR INSULATION	
REAR DOOR THICKNESS		1	3" THICK REAR DOORS	
CROSSMEMBER FLOOR FILLERS		1	HARDWOOD FLOOR FILLERS FULL LENGTH	
FLOOR UNDERSKIN		1	.035 THERMOPLASTIC FLOOR UNDERSKIN	

16. Lining

Position	Opt	Qty	Description	Notes
FRONT WALL LINING		1	.065 (NOM) VR SERIES VR2U FRONT WALL LINING	
SIDE WALL LINING	*	1	.085 (NOM) VR SERIES VR3U SIDE WALL LINING ***SEE NOTES FOR DISCLAIMER***	
ROOF LINING		1	.065 (NOM) VR SERIES VR2U ROOF LINING	
REAR DOOR LINING		1	.065 (NOM) VR SERIES VR2U REAR DOOR LINING	
WEARBAND	*	1	6" EXTRA HEIGHT EXTRUDED ALUM STD DUTY WEARBAND TOTAL OF 16" INCL REINFORCING BEHIND WEARBAND	
LOGISTIC RAILS	*	1	(1) ROW SERIES "E" GALV RECESS MTD LOG TRACK ON SIDE WALLS	LOCATE (1) ROW OF "E" TRACK AT 54" FROM TOP OF FLOOR TO C/L OF TRACK.
LOGISTIC RAIL SPL MODIFICATION	*	1	REINFORCE "A" OR "E" TYPE LOG TRACK FOR DOUBLE DECKING	
WEARBAND ON REAR SWING DOORS	*	1	16" HIGH X 1/8" SMOOTH ALUM WEARBAND W/BEVELED EDGES ON REAR SWING DOORS INCL HARDWOOD REINF	

17. Lighting and Electrical Systems

Position	Opt	Qty	Description	Notes
MAIN HARNESS		1	UTM MOISTURE RESISTANT "MULTI- PURPOSE" HARNESS W/ INTERNAL GROUND AND 7-WAY PLUG	
ELECTRICAL RECEPTACLE		1	7-WAY ELECTRICAL RECEPTACLE W/O CIRCUIT BREAKERS	
CLEARANCE LIGHT QUANTITY	*	1	2-3-4-5 CLEARANCE LIGHT PACKAGE (INCLS CLEARANCE LIGHT ON BTM RAIL ABOVE COMBO)	
SIDE MOUNTED DIRECTIONAL LIGHT		1	GROTE SUPERNOVA LED COMBO SIDE MTD DIR/CLRN LIGHT ON BRACKET BELOW BOTTOM RAIL EACH SIDE	
STOP/ TAIL/ TURN LIGHTS	*	1	GROTE 4"DIA SST SNAP-IN FLANGE MTD LED(10 DIODE) S/T/T LIGHTS (ENHANCES THEFT RESISTANCE)	

LICENSE LIGHT		1	GROTE MICRONOVA L.E.D. LICENSE LIGHT	
CONSPICUITY TAPE		1	FACTORY CHOICE CONSPICUITY TAPE	
UPPER CLEARANCE LIGHTS		1	FACTORY CHOICE LED UPPER SIDE RAIL CLEARANCE LIGHTS WITH 3" MOUNTING HOLE C/L	
LOWER CLEARANCE LIGHTS		1	GROTE MICRONOVA LED PC RATED LIGHT	
LOWER CLEARANCE LIGHTS	*	1	LOWER REAR CLEAR/ABS LGTS MTD OUTBOARD ON FLUSH VERTICAL FACE OF REAR CORNER GUSSET R/S & C/S	
ABS (ANTI-LOCK) WARNING LIGHT		1	GROTE MICRONOVA L.E.D. PC RATED LIGHT	
STOP/ TAIL/ TURN LIGHT CONFIGURATION		1	GROUPED STOP/TAIL/TURN LIGHTS	
REAR HEADER CLEARANCE LIGHTS	*	1	(5) GROTE MICRONOVA L.E.D. P2 RATED MULTI-FUNCTION LIGHTS ON REAR SWING DOOR HEADER	

18. Finish Specifications

Position	Opt	Qty	Description	Notes
TOP FRONT & TOP SIDE RAIL FINISH		1	NATURAL ALUM FINISH TOP FRONT & TOP SIDE RAILS	
BOTTOM SIDE RAIL FINISH		1	NATURAL ALUM FINISH BOTTOM SIDE RAILS	
FRONT CORNER POST FINISH		1	NATURAL ALUMINIUM FINISH FRONT CORNER POSTS	
FRONT PANEL FINISH		1	PREPAINTED WHITE FRONT PANELS	
SIDE PANEL FINISH		1	PREPAINTED WHITE SIDE PANELS	
FRONT APPROACH PLATE FINISH		1	NATURAL ALUM FINISH FRONT APPROACH PLATE	
FRONT SUBFRAME ASSEMBLY FINISH		1	FRONT SUBFRAME FULLY IMMERSSED IN BLACK RUST PREVENTATIVE FINISH (ZERO VOC HOT DIP)	
SUPPORT LEG FINISH		1	UTM BLACK SCHARPF ON SUPPORT LEGS	
REAR SUBFRAME FINISH		1	UTM BLACK SCHARPF ON REAR SUBFRAME	
REAR CASE FINISH		1	SATIN FINISH STAINLESS STEEL REAR CASE	
ROOF EXTERIOR FINISH		1	NATURAL ALUM ROOF EXTERIOR FINISH	
SIDE DOOR HARDWARE FASTENERS MATERIAL	*	1	CORROSION RESISTANT PACKAGE (INCLS 8 MIL THICK BARRIER,FOAM TAPE AND CAULKING)	

19. Miscellaneous

Position	Opt	Qty	Description	Notes
MUDFLAP TYPE		1	BLACK PLASTIC ANTI-SAIL MUDFLAPS W/UTM LOGO, MTD WITH STEEL REINFORCING STRAPS	
PERMIT HOLDER	*	1	TRUCKLITE #97960 ROUND PERMIT HOLDER MTD ON FRONT WALL	R/S
SIDE MOUNTED AERODYNAMIC AIR DEFLECTORS		1	BASE SPEC:USS120A-4 "ADVANCED" AERODYNAMIC BLACK SIDE SKIRT MTD BELOW BOTTOM RAIL	

20. Tires and Wheels

Position	Opt	Qty	Description	Notes
22.5" X 8.25" STANDARD WIDTH WHEELS	*	12	22.5X8.25 ALUM ACCURIDE 10 H/P; ACCU-LITE #43644SP STD POLISH (10 HAND HOLE)	
22.5" STANDARD PROFILE TIRES	*	12	11R 22.5 CONTINENTAL CONTI HYBRID HT3 14P, 41.2" T/DIA,LOAD RANGE"G", MAX SPEED RATED @75MPH	