

OTR#99415-99434

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

1. Model, Payload Capacity and General Specifications

Position	Opt	Qty	Description	Notes
MODEL		1	VS2DX	
SPECIAL TRAILER APPLICATION	*	1	VS3DX DERIVED DESIGNATION (DERIVED FROM DUAL AXLE DRY FRT 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	
4000D-X101.25 SYSTEM		1	BASE SPEC:4000DX101.25 SYS;8"C/L"A"SLOT;ID WIDTH@LINING 101-1/4"@W/B 101",TOL:+/-1/4";14GA POST	
GREENHOUSE GAS COMPLIANCE		1	THIS TRAILER IS NOT UTMG GHG2 CERTIFIED, GHG2 CERTIFICATION MAY REQUIRE ADDL OPTIONS/COSTS	

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 HEIGHT FOR 110-3/16" POST HEIGHT	
WIDTH		1	102-3/8" OVERALL WIDTH	
INSIDE HEIGHT		1	110-1/2" INSIDE HEIGHT AT FRONT; 111" INSIDE HEIGHT AT REAR	
INSIDE WIDTH		1	101" INSIDE WIDTH AT WEARBAND (+/- 1/4" TOLERANCE)	

3. Deck

Position	Opt	Qty	Description	Notes
DECK TYPE		1	STRAIGHT DECK WITH 1/2" WEDGE	

4. Front Subframe

Position	Opt	Qty	Description	Notes
FRONT SUBFRAME	*	1	3-1/2" DEEP H.D. BOX BEAM DESIGN FRT SUB W/5/16" TOP PLT, KINGPIN PLT AND APPROACH PLT	
KINGPIN TYPE		1	AAR HARDNESS CRUCIFORM KINGPIN	
KINGPIN LOCATION		1	36" KINGPIN LOCATION	
COVER PLATE	*	1	EXTRUDED ALUMINUM COVER PLATE ON LOWER FRONT WALL	
APPROACH PLATE REINFORCEMENT	*	1	EXTERIOR APPROACH PLATE REINFORCING ANGLE	

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	BOLT-ON CROSS BRACING WITH 7 GA 3-1/4" DEEP HIGH STRENGTH STEEL CHANNEL	
SUPPORT LEG REINFORCING	*	1	3/4" SQUARE BAR WINGPLATE REINFORCING FOR FORE AND AFT LOADS	
WING PLATE MATERIAL	*	1	SATIN FINISH SST WING PLATES (INCLUDES SST MOUNTING BOLTS)	
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	10-5/8" DEEP HEAVY DUTY EXTRU ALUMINUM BOTTOM RAILS	
CROSSMEMBERS FRONT SUB TO LEGS		1	2-3/16" STEEL HAT SHAPED C-MEMS WITH CONTINUOUS ENDPLATE	
CROSSMEMBERS OVER SUPPORT LEGS		1	(5) 4" STEEL I BEAM CROSSMEMBERS WITH (4) RIVET END CLIPS ON 12" C/L OVER SUPPORT LEGS	
CROSSMEMBERS LEGS TO REAR SUB		1	4" STEEL I BEAM CROSSMEMBERS W/(4) RIVET END CLIPS ON 12" C/L LEGS TO REAR SUB	
CROSSMEMBERS OVER REAR SUBFRAME		1	4" STL I BEAM C-MEMS W/(4) RIVET END CLIPS 12" C/L OVER REAR SUB	

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	MOUNTED C/S FRONT AXLE
DUST SHIELDS	*	1.5	DUST SHIELDS FOR 16-1/2" X 7" BRAKES	
QUICK RELEASE VALVES	*	1	PHILLIPS QWIK-E GLADHAND WITH QUICK RELEASE VALVE	
BRAKE LINING STYLE		1	HENDRICKSON HXS BRAKE LINING STYLE FOR USE W/ INTRAAX/VANTRAAX	
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 SYSTEM *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 & OUTER WHEEL	
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	
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	.080 EXTRUDED ALUM 4-3/4" RADIUS FRONT CORNER POSTS	
FRONT WALL POSTS		1	(4) 2" 14 GA HIGH STRENGTH STEEL HAT SHAPED FRONT WALL POSTS	
FRONT PANELS		1	.040 ALUM FRONT PANELS	
GLADHANDS & RECEPTACLE LOCATION		1	SURFACE MTD GLADHANDS (W/SCREEN) AND RECEPTACLE OFFSET 27-1/2" TO R/S FROM C/L OF TRAILER	
FRONT TOP RAIL		1	EXTRUDED ALUM WRAPAROUND FRONT TOP RAIL	

10. Side Walls

Position	Opt	Qty	Description	Notes
SIDE PANELS	*	1	.050 ALUM FLAT SIDE PANELS FULL LENGTH (FIRST (2) PANELS WILL BE .063) INCL .050 ALUM FRONT PANEL	
SIDE POSTS		1	3/8" 14GA HIGH STR GALV HAT SHPD 24"C/L (FRT/RR SUB 16"C/L) W/"A"SLOTS ON 8" VERT C/L	
ADDITIONAL SIDE POSTS	*	1	(1) ADDL SIDE POST REAR OF FRONT SUB EACH SIDE (FOR USE WITH 80,000 LB GVWR)(THIN WALL)	
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 PROTECTOR @ APPROX 6" FROM TOP OF BOTTOM RAIL TO C/L OF RUB PROTECTOR.

11. Roof

Position	Opt	Qty	Description	Notes
TOP RAILS	*	1	HEAVY DUTY EXTRUDED ALUM TOP RAILS WITH REINFORCING ANGLE FOR EXTRA HEAVY DUTY APPLICATIONS	
ROOF SKIN		1	.040 ONE PIECE ALUM COIL ROOF SKIN	
ROOF BOWS		1	1-1/16" ANTI SNAG 18GA GALV STLHAT SHAPED ROOF BOWS 16"C/L (FRT/RR SUB 24"C/L)BONDED TO ROOF SKN	

12. Rear Doors

Position	Opt	Qty	Description	Notes
REAR DOOR TYPE		1	COMPOSITE REAR SWING DOORS	
REAR DOOR PANELS		1	1/2" COMPOSITE REAR SWING DOORS (PRE-PAINTED WHITE GALV STEEL PANELS W/POLYETHYLENE CORE)	
REAR DOOR LOCK RODS	*	1	(1) ADDITIONAL LOCK ROD ON BOTH REAR DOORS TOTAL OF (4)	
REAR DOOR HINGES		1	(4) REAR DOOR HINGES PER DOOR	
REAR DOOR HINGES	*	1	(1) ADDITIONAL PAIR OF REAR DOOR HINGES	
REAR DOOR HINGES	*	1	REAR DOOR ANTI-THEFT TAMPER PROOF HARDWARE FOR THEFT PREVENTION	
HOLDBACKS		1	CHAIN LINK AND HOOK TYPE DOOR HOLDBACKS	
REAR CASE & BUCKPLATE MATERIAL		1	SATIN FINISH SST REAR DOOR CASE	
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 TREADPLATE		1	.219 HIGH STRENGTH STEEL X 27" DEEP STEEL REAR TREADPLATE INTEGRAL WITH REAR BUCKPLATE	
REAR DOOR HINGE MATERIAL		1	NON-POLISHED ALUMINUM	

13. Side Doors

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

14. Floor

Position	Opt	Qty	Description	Notes
FLOOR TYPE		1	20,000LB 1-3/8"NOM LAM HDWD FLR;FACTORY CHOICE:OAK OR SUGAR MPL W/(3) SCREWS PER BOARD PER CMEM	
FLOOR JOINT SEALANT		1	CAULKING APPLIED PRIOR TO ASSEMBLY BETWEEN EACH JOINT	
FLOOR SHEARPLATE	*	1	16GA GALV SHEAR PLATE UNDER FLOOR	

15. Insulation

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

16. Lining

Position	Opt	Qty	Description	Notes
FRONT WALL LINING		1	.016 PPW GALV HIGH STRENGTH STEEL FRONT WALL LINING	
SIDE WALL LINING		1	PRE-PAINTED WHITE GALV STEEL "ANTI-SNAG" SIDEWALL LINING	
WEARBAND	*	1	14GA X5/16"CORR X12" NOM GALV STL HD S/WALL W/B (REDUCES ID WIDTH 3/8"@W/B)-USE W/THINWALL	
WEARBAND ON FRONT		1	14GA X 14" EXTRA HEAVY DUTY CORRUGATED GALV STEEL WEARBAND	
SIDE WALL LINING CLOSURES		1	45 DEGREE FRONT CORNER DIAGONAL SIDE WALL LINING CLOSURES	
SIDEWALL LINING / POST MODIFICATION	*	1	(1) FOAM POST PLUG IN EA SIDE POST BELOW THE LOWEST "A" SLOT FOR USE W/ 3/8" POSTS (DX-101)	

17. Lighting and Electrical Systems

Position	Opt	Qty	Description	Notes
MAIN HARNESS		1	UTM MOISTURE RESISTANT "BASIC" 6-WIRE CABLE HARNESS WITH INTERNAL GROUND AND 7-WAY PLUG	
ELECTRICAL RECEPTACLE		1	7-WAY RECEPTACLE WITHOUT CIRCUIT BREAKERS SURFACE MOUNTED	
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	
LIGHT ATTACHMENT	*	1	ALL APPLICABLE LGTS/REFL ATTACHD W/SCREWS &NUTS(IF NUTS ARE APPL)TO BE ATTACHED W/SST SCREWS/NUTS	
CONSPICUITY TAPE LOCATION		1	CONSPICUITY TAPE ON BOTTOM RAILS AND AT REAR OF TRAILER FOR D.O.T. MINIMUM LOCATION	
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	
CLEARANCE LIGHT QUANTITY	*	1	2-1-2-5 CLEARANCE LIGHT PACKAGE	

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 SIDERAILS	
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 SUBFRAME ASSEMBLY FINISH		1	FRONT SUB FULLY FLOODED INSIDE WITH BLACK RUST PREVENTATIVE FINISH, TOP PLATE PRIME PAINTED	
SUPPORT LEG FINISH		1	BLACK RUST PREVENTATIVE COATING ON SUPPORT LEGS	
REAR SUBFRAME FINISH		1	BLACK RUST PREVENTATIVE COATING ON REAR SUBFRAME	
REAR CASE FINISH		1	SATIN FINISH STAINLESS STEEL REAR CASE	
ROOF EXTERIOR FINISH		1	NATURAL ALUM ROOF EXTERIOR FINISH	
REAR DOOR COLOR		1	PREPAINTED WHITE REAR DOORS	
FLOOR UNDERCOAT		1	BLACK SEALER/PAINT ON BOTTOM OF WOOD FLOOR	

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	OMIT BASE SPEC UTM USS120A-4 AERODYNAMIC SIDESKIRTS	

20. Tires and Wheels

Position	Opt	Qty	Description	Notes
22.5" X 8.25" STANDARD WIDTH WHEELS	*	12	22.5X8.25 ALUM ALCOA 10 H/P; ULTRA ONE #881677 HIGH 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	

Additional Specifications