

OTR# 98372-91

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

### 1. Model, Payload Capacity and General Specifications

Position	Opt	Qty	Description	Notes
MODEL		1	VS2DX	
PAYLOAD CAPACITY		1	55,000 LBS EVENLY DISTRIBUTED PAYLOAD CAPACITY	
SPECIAL TRAILER APPLICATION	*	1	TALL BOTTOM RAIL(TBR) FOR 4000DX 101.25 SYSTEM (REQUIRES A MIN. 20,000LB FLOOR RATING)	
GROSS VEHICLE WEIGHT RATING		1	65,000 LBS GVWR	
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 BOX BEAM DESIGN FRONT SUBFRAME RAISED 1-3/8" FLUSH WITH TOP OF FLOOR	
APPROACH PLATE	*	1	1/4" HIGH STRENGTH STEEL APPROACH PLATE	
KINGPIN PLATE		1	3 GA HIGH STRENGTH STEEL FULL WIDTH KINGPIN PLATE	
KINGPIN TYPE		1	AAR HARDNESS CRUCIFORM KINGPIN	
KINGPIN LOCATION		1	36" KINGPIN LOCATION	
COVER PLATE	*	1	EXTRUDED ALUMINUM COVER PLATE ON LOWER FRONT WALL	

### 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 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
HORIZONTAL DOCK BUMPER		1	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	(1) PAIR RUBBER DOCK BUMPERS 1/2" PROUD	
VERTICAL & HORIZONTAL DOCK BUMPER		1	BASE SPEC: DOT VERT W/NONSLIP 7" HORIZONTAL 22" MAX GROUND CLRN; MEETS IIHS-30% OFFSET TEST	

## 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	BENDIX ENDURASURE 3030 AIR BRAKE CHAMBERS	
AIR ACTUATION		1	ONE TANK AIR ACTUATION SYSTEM W/SPRING BRAKES	
SLACK ADJUSTERS		1	BENDIX VERSAJUST AUTOMATIC SLACK ADJUSTERS FOR USE W/BENDIX ENDURASURE OR TSE BRAKE CHAMBERS	
HUBODOMETER	*	1	STEMCO HUBODOMETER MTD ON AXLE	C/S Front Axle
DUST SHIELDS	*	1	DUST SHIELDS FOR 16-1/2" X 7" BRAKES	
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	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	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	NYLON WHEEL GUARD SEPARATOR PLATE BTWN INNER WHEEL & HUB	
AXLE MANUFACTURER		1	HENDRICKSON "VENTED" AXLES	
AXLE SPINDLE TYPE	*	1	P-SPINDLE TYPE FOR USE WITH CONMET PRESET PLUS WHEEL END SYSTEM	
AUTOMATIC TIRE INFLATION SYSTEM	*	1	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	BASE SPEC:HEND ULTRAA-K AIRRIDE/SLDR SYS,INCLS 49" AXL SPRD,HD SLDR & ZERO MAINT DAMPING (ZMD)	
SLIDER PIN RELEASE MECHANISM		1	HENDRICKSON QUIK DRAW AIR OPERATED SLIDER REPOSITIONING SYSTEM	
CONMET WHEEL END SYSTEMS		1	BASE SPEC:CONMET PRESET+ IRON 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	COMPOSITE PANEL SIDEWALL DESIGN (INJECTED NON-HFC POLYURETHANE FOAM CORE BONDS INT/EXT PANELS)	
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	
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	4-1/2" DEEP HEAVY DUTY EXTRUDED ALUMINUM TOP RAILS	
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) REAR DOOR LOCK ROD PER DOOR	
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	
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
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### 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	

### 15. Insulation

Position	Opt	Qty	Description	Notes
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### 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 X 5/16" X 8" NOM GALV STL HD SIDEWALL WEARBAND FOR USE WITH TALL BOTTOM RAIL (TBR)	
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	

### 17. Lighting and Electrical Systems

Position	Opt	Qty	Description	Notes
PRESSINGS AT FRT CORNER CLOSURE 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	
ADDITIONAL STOP/TAIL LIGHTS	*	1	ONE ADDITIONAL STOP/TAIL LIGHT EACH SIDE WITH EXTENDED LIGHT PROTECTOR BAR	
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		1.5	GROTE 4" L.E.D. (10-DIODE) STOP/TAIL/TURN LIGHTS (2) PER SIDE WITH BLACK SNAP-IN FLANGE	
LICENSE LIGHT		1	GROTE MICRONOVA L.E.D. LICENSE LIGHT	
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	
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) 3" GROTE LED THINLINE MULTIFUNCTION CLEARANCE/MARKER LIGHTS ON REAR 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	
VRTCL & HORZNTL DOCK BMPR FINISH		1	UTM BLACK ENAMEL FINISH ON HORIZ DOCK BUMPER; BLACK SCHARPF ON VERTICAL DOCK BUMPER	
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	BASE SPEC:USS120A-4 "ADVANCED" AERODYNAMIC BLACK SIDE SKIRT MTD BELOW BOTTOM RAIL	

## 20. Tires and Wheels

Position	Opt	Qty	Description	Notes
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22.5"X8.25"STANDARD WIDTH WHEELS	*	8	22.5X8.25 ALUM ACCURIDE 10 H/P; ACCU-LITE #43644SP STD POLISH (10 HAND HOLE)	
22.5" STANDARD PROFILE TIRES	*	8	11R 22.5 MICH X-LINE ENERGY-T2 14PLY 40.80"T/D,LOAD RNG'G' MAX SPEED RATED @75 MPH;	

**Additional Specifications**

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