
Specifications (☞ = Option to Base Model)

1-Model & Payload Capacity

MODEL	VS2DX
PAYLOAD CAPACITY	55,000 LBS EVENLY DISTRIBUTED PAYLOAD CAPACITY
SPECIAL TRAILER APPLICATION	☞ VS3DX DERIVED DESIGNATION (DERIVED FROM DUAL AXLE DRY FRT BASE SPECIFICATIONS/OPTIONS)
GROSS VEHICLE WEIGHT RATING	☞ 80,000 LBS GVWR FOR USE W/(3) AXLE TRAILER
INTERNATIONAL IMPORTATION SPECIFICATIONS	☞ FRENCH/ENGLISH VIN LABEL REQD FOR IMPORT TO CANADA AND QAI CERTIFICATION
4000D-X100.25 SYSTEM	☞ 4000D-X100.25 SYSTEM; 4" C/L "A" SLOTS;ID WIDTH @LINING 100-1/4", @ W/B 100",TOL:+/-1/4";14GA POST
GREENHOUSE GAS COMPLIANCE	THIS TRAILER IS NOT UTMG GHG2 CERTIFIED, GHG2 CERTIFICATION MAY REQUIRE ADDL OPTIONS/COSTS
DQS UPDATE NUMBER	DQS UPDATE #191 (05/01/25)

2-Dimensions

LENGTH	53'0" OVERALL LENGTH
OVERALL HEIGHT	13'6" O/A HEIGHT ON 46-1/2" FIFTH HEIGHT FOR 110-3/16" POST HEIGHT
WIDTH	102-3/8" OVERALL WIDTH
INSIDE HEIGHT	☞ **NOTE** 110-1/2" inside height at front; 111" inside height at rear
INSIDE WIDTH	☞ **NOTE** 100" (+/- 1/4")inside width at wearband, 100-1/4" at lining (+/- 1/4")

3-Deck

DECK TYPE	☞ **NOTE** Straight Deck with 1/2" wedge
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4-Front Subframe

FRONT SUBFRAME	3-1/2" DEEP BOX BEAM DESIGN FRONT SUBFRAME RAISED 1-3/8" FLUSH WITH TOP OF FLOOR
APPROACH PLATE	8 GA CARBON STEEL FULL WIDTH APPROACH PLATE
KINGPIN PLATE	3 GA HIGH STRENGTH STEEL FULL WIDTH KINGPIN PLATE
KINGPIN TYPE	AAR HARDNESS CRUCIFORM KINGPIN
KINGPIN LOCATION	36" KINGPIN LOCATION
COVER PLATE	☞ EXTRUDED ALUMINUM COVER PLATE ON LOWER FRONT WALL

5-Support Legs

SUPPORT LEG LOCATION	SUPPORT LEG LOCATION OF 105" FROM C/L OF KINGPIN
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SUPPORT LEG CRANK
LOCATION

ROADSIDE SUPPORT LEG CRANK LOCATION

SUPPORT LEG BRACING

BOLT-ON CROSS BRACING WITH 7 GA 3-1/4" DEEP HIGH STRENGTH
STEEL CHANNEL

SUPPORT LEGS

JOST A401 ENHANCED 50,000 LBS CAPACITY SUPPORT LEGS
W/10"X10" ULTRA LOW PROFILE CUSHION FOOT

6-Frame, Rails & Crossmembers

BOTTOM RAILS

10-5/8" DEEP HEAVY DUTY EXTRU ALUMINUM BOTTOM RAILS

CROSSMEMBERS FRONT SUB
TO LEGS

2-3/16" STEEL HAT SHAPED C-MEMS WITH CONTINUOUS ENDPLATE

CROSSMEMBERS OVER
SUPPORT LEGS

(5) 4" STEEL I BEAM CROSSMEMBERS WITH (4) RIVET END CLIPS ON
12" C/L OVER SUPPORT LEGS

CROSSMEMBERS LEGS TO
REAR SUB

4" STEEL I BEAM CROSSMEMBERS W/ (4) RIVET END CLIPS ON 12"
C/L LEGS TO REAR SUB

CROSSMEMBERS OVER REAR
SUBFRAME

4" STL I BEAM C-MEMS W/(4) RIVET END CLIPS 12" C/L OVER REAR
SUB

PREP FOR FUEL TANK FOR
USE WITH SIDE SKIRTS

➤ 50 GAL FUEL TANK PREP, LAST (2) CMEM OVER LEGS & 1ST CMEM
IN BAY AREA PUNCHED FOR TANK

7-Rear Subframe

HORIZONTAL DOCK BUMPER

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) PAIR POLYURETHANE DOCK BUMPERS 5/8" PROUD W/EMBEDDED
STUD

VERTICAL &HORIZONTAL
DOCK BUMPER

BASE SPEC:DOT VERT W/NONSLIP 7" HORIZONTAL 22" MAX
GROUND CLRN; MEETS IIHS-30% OFFSET TEST

VERTICAL &HORIZONTAL
DOCK BUMPER

➤ DOT BMPR WELD-ON VERT & BOLT-ON NONSLIP HRZ 21"MAX GRND
CLR,W/IN LESS 4"OAW EA SIDE FOR 7"BUMPER

8-Suspension/Axles/Actuation

SLIDER SUSPENSION
LOCATION

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

OIL SEALS

CONMET PREMIUM OIL SEALS (INCL W/ CONMET PRESET+ WHEEL
END SYSTEM)

AIR BRAKE CHAMBERS

BENDIX ENDURASURE 3030 AIR BRAKE CHAMBERS

AIR ACTUATION

ONE TANK AIR ACTUATION SYSTEM W/SPRING BRAKES

SLACK ADJUSTERS

BENDIX VERSAJUST AUTOMATIC SLACK ADJUSTERS FOR USE
W/BENDIX ENDURASURE OR TSE BRAKE CHAMBERS

HUBODOMETER

➤ STEMCO HUBODOMETER MTD ON AXLE

DUST SHIELDS

➤ DUST SHIELD FOR 16-1/2" X 7" FOR USE WITH TRIDEM

<i>BRAKE LINING STYLE</i>	HENDRICKSON HXS BRAKE LINING STYLE FOR USE W/ INTRAAX
<i>AXLE SPINDLE NUTS</i>	CONMET SPINDLE NUT (INCL. W/ CONMET PRESET+ WHEEL END SYSTEM)
<i>HUB PILOTED SYS W/OUTBOARD DRUMS FOR 16-1/2" X 7" BRAKES</i>	BASE SPEC:STL JACKET 10STD HBPLT SYS W/OB BLNCD STL LT WT DRUMS 16-1/2"X7"BRKS FOR CNMET PRESET+
<i>ANTILOCK BRAKE SYSTEMS (ABS)</i>	BENDIX TABS-6 2S/1M ABS SYSTEM *W/O ROLL STABILITY*
<i>WHEEL BEARING LUBRICATION</i>	FACTORY CHOICE 80W-90 OIL
<i>ANTI-DOCK WALK DEVICES</i>	☛ HENDRICKSON SURELOK ANTI-DOCK WALK DEVICE FOR USE WITH MANUAL DUMP VALVE
<i>WHEEL SEPARATOR PLATES</i>	☛ NYLON WHEEL GUARD SEPARATOR PLATE BTWN INNER WHEEL & HUB FOR USE WITH TRIDEM
<i>AXLE MANUFACTURER</i>	HENDRICKSON "VENTED" AXLES
<i>AXLE SPINDLE TYPE</i>	☛ P-SPINDLE TYPE FOR USE WITH TRIDEM & CONMET PRESET PLUS WHEEL END SYSTEM
<i>AUTOMATIC TIRE INFLATION SYSTEM</i>	☛ HEND TIREMAAX PRO TIRE INFL SYS W/WARN LGT ON FRT CRNR FOR USE W/TRIDEM (RETAINS CNMT 8YR WRTY)
<i>LOAD SCALE KIT</i>	☛ HENDRICKSON AKLS1006 LOAD SCALE (INCLS MANUAL DUMP VALVE) IN FULLY ENCLOSED POLYCARBONATE BOX
<i>WHEEL BEARINGS (CONES) AND RACES (CUPS) MANUFACTURER</i>	CONMET BEARINGS (INCL W/ CONMET PRESET+ WHEEL END SYSTEM)
<i>HENDRICKSON AIRRIDE SYSTEMS WITH INTEGRAL AXLES</i>	☛ HENDRICKSON HKANT 69K23 TRIAXLE AIRRIDE/AXLE SYSTEM, 60" AXLE SPACING
<i>SLIDER PIN RELEASE MECHANISM</i>	☛ ***NOTE** HENDRICKSON QUIK-DRAW AIR OPERATED SLIDER REPOSITIONING SYSTEM INCLUDED IN SUSPENSION
<i>CONMET WHEEL END SYSTEMS</i>	BASE SPEC:CONMET PRESET+IRON HUB SYSTEM,INCL:CONMET PREMIUM SEAL,BEARING,SPACER &SPINDLE NUT

9-Front Wall

<i>FRONT CORNER POST</i>	.080 EXTRUDED ALUM 4-3/4" RADIUS FRONT CORNER POSTS
<i>FRONT WALL POSTS</i>	(4) 2" 14 GA HIGH STRENGTH STEEL HAT SHAPED FRONT WALL POSTS
<i>FRONT PANELS</i>	.040 ALUM FRONT PANELS
<i>GLADHANDS & RECEPTACLE LOCATION</i>	SURFACE MTD GLADHANDS (W/SCREEN) AND RECEPTACLE OFFSET 27-1/2" TO R/S FROM C/L OF TRAILER
<i>FRONT TOP RAIL</i>	EXTRUDED ALUM WRAPAROUND FRONT TOP RAIL

FRONT WALL HEATER UNIT
PREPARATION

- PREP FOR FRT MT THERMO KING HEAT KING450;INCL PPW
POLYCORE FRONT WALL LINING & STEEL BANG PLATE

10-Side Walls

SIDE PANELS

- .050 ALUM FLAT SIDE PANELS FULL LENGTH (FIRST (2) PANELS WILL
BE .063) INCL .050 ALUM FRONT PANEL

SIDE POSTS

- **NOTE**

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.
>> RUB PROTECTOR @ APPROX 6" FROM THE TOP OF THE
BOTTOM RAIL TO C/L OF THE RUB PROTECTOR

11-Roof

TOP RAILS

4-1/2" DEEP HEAVY DUTY EXTRUDED ALUMINUM TOP RAILS

ROOF SKIN

.040 ONE PIECE ALUM COIL ROOF SKIN

ROOF BOWS

- **NOTE** 1" anti snag 16ga galv steel hat shaped roof bows on 24" C/L

12-Rear Doors

REAR DOOR TYPE

COMPOSITE REAR SWING DOORS

REAR DOOR PANELS

1/2" COMPOSITE REAR SWING DOORS (PRE-PAINTED WHITE GALV
STEEL PANELS W/POLYETHYLENE CORE)

REAR DOOR LOCK RODS

- (1) ADDITIONAL LOCK ROD ON BOTH REAR DOORS TOTAL OF(4)

REAR DOOR HINGES

- REAR DOOR ANTI-THEFT TAMPER PROOF HARDWARE FOR THEFT

REAR DOOR HINGES

- (1) ADDITIONAL PAIR OF REAR DOOR HINGES

HOLDBACKS

CHAIN LINK AND HOOK TYPE DOOR HOLDBACKS

REAR CASE & BUCKPLATE
MATERIAL

SATIN FINISH SST REAR DOOR CASE

GRAB HANDLE AT REAR OF
TRAILER

- 36" VERT BOLT-ON CHROME-PLATED GRABHANDLE ON C/S EDGE OF
R/S SWING DOOR

REAR TREADPLATE

.219 HIGH STRENGTH STEEL X 27" DEEP STEEL REAR TREADPLATE
INTEGRAL WITH REAR BUCKPLATE

REAR DOOR HINGE MATERIAL

NON-POLISHED ALUMINUM

14-Floor

FLOOR TYPE

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

CAULKING APPLIED PRIOR TO ASSEMBLY BETWEEN EACH JOINT

<i>FLOOR SHEARPLATE</i>	☛ 16GA GALV SHEAR PLATE UNDER FLOOR
15-Insulation	
<i>FRONT WALL THICKNESS</i>	☛ POLYSTYRENE FOAM BLOCK INSULATION ON FRONT WALL
<i>SIDE WALL THICKNESS</i>	☛ ADDITIONAL POLYURETHANE FOAM BEWTWEEN 24" C/L SIDE WALL POST SPACING (THIN WALL DESIGN ONLY)
<i>ROOF THICKNESS</i>	☛ POLY FOAM BLOCK INSULATION IN ROOF FULL WIDTH FOR USE WITH VERSITEX CEILING LINING IN SEPT. OPT
16-Lining	
<i>FRONT WALL LINING</i>	.016 PPW GALV HIGH STRENGTH STEEL FRONT WALL LINING
<i>SIDE WALL LINING</i>	PRE-PAINTED WHITE GALV STEEL "ANTI-SNAG" SIDEWALL LINING
<i>ROOF LINING</i>	☛ .100 NOM VERSITEX VX4 CEILING LINING FULL WIDTH;INCL.HEAVY DTY 14GA STEEL HAT ROOF BOWS
<i>WEARBAND</i>	18GA 12" HIGH CORRUGATED STEEL SURFACE MTD WEARBAND
<i>WEARBAND ON FRONT</i>	14GA X 14" EXTRA HEAVY DUTY CORRUGATED GALV STEEL WEARBAND
<i>SIDE WALL LINING CLOSURES</i>	45 DEGREE FRONT CORNER DIAGONAL SIDE WALL LINING CLOSURES
<i>SIDEWALL LINING/POST MODIFICATION</i>	☛ (1) FOAM POST PLUG IN EA SIDE POST BELOW THE LOWEST "A" SLOT FOR USE W/ 3/4" POSTS (DX-100)
17-Electrical System	
<i>MAIN HARNESS</i>	UTM MOISTURE RESISTANT "BASIC" 6-WIRE CABLE HARNESS WITH INTERNAL GROUND AND 7-WAY PLUG
<i>ELECTRICAL RECEPTACLE</i>	7-WAY RECEPTACLE WITHOUT CIRCUIT BREAKERS SURFACE MOUNTED
<i>CLEARANCE LIGHT QUANTITY</i>	☛ 2-1-2-5 CLEARANCE LIGHT PACKAGE
<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"DIA SST SNAP-IN FLANGE MTD LED(10 DIODE) S/T/T LIGHTS (ENHANCES THEFT RESISTANCE)
<i>LICENSE LIGHT</i>	GROTE MICRONOVA L.E.D. LICENSE LIGHT
<i>CONSPICUITY TAPE LOCATION</i>	CONSPICUITY TAPE ON BOTTOM RAILS AND AT REAR OF TRAILER FOR D.O.T. MINIMUM LOCATION
<i>CONSPICUITY TAPE</i>	FACTORY CHOICE CONSPICUITY TAPE
<i>UPPER CLEARANCE LIGHTS</i>	☛ TRUCKLITE MODEL 35 PC RATED LED UPPER SIDE RAIL CLEARANCE LIGHTS
<i>LOWER CLEARANCE LIGHTS</i>	GROTE MICRONOVA LED PC RATED LIGHT

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

PREPAINTED WHITE FRONT PANELS

SIDE PANEL FINISH

PREPAINTED WHITE SIDE PANELS

FRONT SUBFRAME ASSEMBLY
FINISH

FRONT SUB FULLY FLOODED INSIDE WITH BLACK RUST
PREVENTATIVE FINISH, TOP PLATE PRIME PAINTED

SUPPORT LEG FINISH

BLACK RUST PREVENTATIVE COATING ON SUPPORT LEGS

REAR SUBFRAME FINISH

BLACK RUST PREVENTATIVE COATING ON REAR SUBFRAME

REAR CASE FINISH

SATIN FINISH STAINLESS STEEL REAR CASE

VRTCL & HORZNTL DOCK
BMFR FINISH

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

ROOF EXTERIOR FINISH

NATURAL ALUM ROOF EXTERIOR FINISH

REAR DOOR COLOR

PREPAINTED WHITE REAR DOORS

FLOOR UNDERCOAT

BLACK SEALER/PAINT ON BOTTOM OF WOOD FLOOR

19-Miscellaneous

MUDFLAP TYPE

➞ BLACK RUBBER ANTI-SAIL MUDFLAPS WITH NO LOGO

PERMIT HOLDER

➞ BETTS PS-1 ROUND PERMIT HOLDER MTD ON FRONT WALL
REQUIRED INFORMATION:

Dealer must specify location of permit/document/registration holder on
either R/S, C/S or C/L in special instructions unless otherwise stated in
the option description.

>> LOCATE PERMIT HOLDER ON R/S OF FRONT WALL

SIDE MOUNTED
AERODYNAMIC AIR
DEFLECTORS

BASE SPEC:USS120A-4 "ADVANCED" AERODYNAMIC BLACK SIDE
SKIRT MTD BELOW BOTTOM RAIL

20-Tires and Wheels

22.5"X8.25"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 MICH X MULTI ENERGY T2 14 PLY, 41.0" T/D, LOAD RNG
"G", MAX SPD RATED @75MPH;TRRL =<5.1

Special Instructions

None.

Weight

Total Weight 15,921 lbs. (+/- 3%)

Terms & Conditions