

SER# 1UYVS353M173H780

PO#95871

PO#73571-73595

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

3-Deck

DECK TYPE	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	☞ 1/4" HIGH STRENGTH STEEL 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
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 MODEL A451 MAGNUM SUPPORT LEGS W/10-YR WARRANTY & 10"X10" ULTRA LOW PROFILE CUSHION FOOT

6-Frame, Rails & Crossmembers

BOTTOM RAILS

- EXTRA HEAVY DUTY EXTRUDED ALUM 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

7-Rear Subframe

RUBBER DOCK BUMPERS

- (1) PAIR RUBBER DOCK BUMPERS 2" PROUD

VERTICAL & HORIZONTAL DOCK BUMPER

- DOT STL BMPR W/NONSLIP HORIZ 22" MAX FROM GROUND TO BOT OF HORIZ WITHIN LESS THAN 4" O.A. W.EA SIDE

VERTICAL AND HORIZONTAL DOCK BUMPER MATERIAL

- SATIN FINISH SST VERTICAL AND HORIZONTAL DOCK BUMPER

8-Suspension/Axles/Actuation

SLIDER SUSPENSION LOCATION

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

OIL SEALS

- FEDERAL MOGUL NATIONAL 5-STAR OIL SEAL (SPINDLE MOUNT) *REQD FOR STD 5-YR WHEEL END WARRANTY*

AIR BRAKE CHAMBERS

- BENDIX EVERSURE 3030 AIR BRAKE CHAMBERS

AIR ACTUATION

- ONE TANK AIR ACTUATION SYSTEM W/SPRING BRAKES

SLACK ADJUSTERS

- 5-1/2" HALDEX SABA AUTOMATIC SLACK ADJUSTERS FOR USE W/HALDEX BRAKE CHAMBERS

HUBODOMETER

- STEMCO HUBODOMETER C/S REAR AXLE

DUST SHIELDS

- DUST SHIELDS FOR 16-1/2" X 7" BRAKES

AIRRIDE DUMP VALVES

- HENDRICKSON AUTOMATIC DUMP VALVE

BRAKE LINING STYLE

- HENDRICKSON HXS BRAKE LINING STYLE FOR USE W/ INTRAA X

AXLE SPINDLE NUTS

- 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 AND 16-1/2" X 7" BRAKES

*ANTILOCK BRAKE SYSTEMS
(ABS)*

BENDIX TABS-6 2S/1M ABS SYSTEM *W/O ROLL STABILITY*

*WHEEL BEARING
LUBRICATION*

☞ MOBILITH SHC007 SYNTH GREASE W/ 1YR/100,000 MI SERVICE INTERVAL

HUB STUDS

☞ HUB PILOTTED SYSTEM WITH LONGER STUDS FOR FUTURE INSTALLATION OF ALUMINUM WHEELS

ANTI-DOCK WALK DEVICES

☞ HENDRICKSON SURELOK ANTI-DOCK WALK DEVICE

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

☞ P-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*

☞ HENDRICKSON HKANT 69K23 TRIAXLE AIRRIDE/AXLE SYSTEM, 60" AXLE SPACING

*SLIDER PIN RELEASE
MECHANISM*

HENDRICKSON QUIK DRAW AIR OPERATED SLIDER REPOSITIONING SYSTEM

9-Front Wall

FRONT CORNER POST

.080 EXTRUDED ALUM 4-3/4" RADIUS FRONT CORNER POSTS

FRONT WALL POSTS

(4) 2" 14 GA HIGH STRENGTH STEEL HAT SHAPED FRONT WALL POSTS

FRONT PANELS

.040 ALUM FRONT PANELS

*GLADHANDS & RECEPTACLE
LOCATION*

SURFACE MTD GLADHANDS (W/SCREEN) AND RECEPTACLE OFFSET 27-1/2" TO R/S FROM C/L OF TRAILER

FRONT TOP RAIL

EXTRUDED ALUM WRAPAROUND FRONT TOP RAIL

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

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) ADDL SIDE POST REAR OF FRONT SUB EACH SIDE (FOR USE WITH 80,000 LB GVWR)(THIN WALL)

*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 rub protector c/l of rub rail to top of bottom rail
>> 6" FROM TOP OF BOTTOM RAIL TO C/L OF RUB RAIL

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

- ⇒ 1-1/16" ANTI SNAG 18GA GALV STEEL HAT SHAPE ROOF BOWS 24" C/L BONDED TO ROOF SKIN

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

- ⇒ (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"LONG CHROME PLATED GRABHANDLE ON C/S EDGE OF R/S DOOR

BUCKPLATE REINFORCING

- ⇒ 5/8" SST HORIZONTAL FLANGE ON REAR BUCKPLATE (VS STD 3/8")

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

1-3/8"NOM LAM HDWD FLOOR(FACTORY CHOICE OF OAK OR SUGAR MAPLE) W/(3) SCREWS PER BOARD PER CMEM

FLOOR JOINT SEALANT

CAULKING APPLIED PRIOR TO ASSEMBLY BETWEEN EACH JOINT

FLOOR SHEARPLATE

- ⇒ 16GA GALV SHEAR PLATE UNDER FLOOR

16-Lining

FRONT WALL LINING

.016 PPW GALV HIGH STRENGTH STEEL FRONT WALL LINING

SIDE WALL LINING

PRE-PAINTED WHITE GALV STEEL "ANTI-SNAG" SIDEWALL LINING

WEARBAND

- ⇒ 14GAX1/8"X12" NOM GALV STL HD SIDEWALL WEARBAND FOR USE WITH THINWALL DESIGN ONLY

WEARBAND

☉ 6" EXTRA HEIGHT WEARBAND FOR TOTAL OF 18"

WEARBAND ON FRONT

14GA X 14" EXTRA HEAVY DUTY CORRUGATED GALV STEEL WEARBAND

SIDE WALL LINING CLOSURES

45 DEGREE FRONT CORNER DIAGONAL SIDE WALL LINING CLOSURES

17-Electrical System

MAIN HARNESS

UTM MOISTURE RESISTANT "BASIC" 6-WIRE CABLE HARNESS WITH INTERNAL GROUND AND 7-WAY PLUG

ELECTRICAL RECEPTACLE

7-WAY RECEPTACLE WITHOUT CIRCUIT BREAKERS SURFACE MOUNTED

CLEARANCE LIGHT QUANTITY

☉ 2-1-2-5 CLEARANCE LIGHT PACKAGE

SIDE MOUNTED DIRECTIONAL LIGHT

GROTE SUPERNOVA LED COMBO SIDE MTD DIR/CLRN LIGHT ON BRACKET BELOW BOTTOM RAIL EACH SIDE

STOP/TAIL/TURN LIGHTS

GROTE 4" L.E.D. (3-DIODE) STOP/ TAIL/TURN LIGHTS (2) PER SIDE WITH BLACK SNAP-IN FLANGE

LICENSE LIGHT

GROTE MICRONOVA L.E.D. LICENSE LIGHT

CONSPICUITY TAPE LOCATION

CONSPICUITY TAPE ON BOTTOM RAILS AND AT REAR OF TRAILER FOR D.O.T. MINIMUM LOCATION

CONSPICUITY TAPE

FACTORY CHOICE CONSPICUITY TAPE

UPPER CLEARANCE LIGHTS

FACTORY CHOICE LED UPPER SIDE RAIL CLEARANCE LIGHTS WITH 3" MOUNTING HOLE C/L

LOWER CLEARANCE LIGHTS

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

<i>SUPPORT LEG FINISH</i>	BLACK RUST PREVENTATIVE COATING ON SUPPORT LEGS
<i>REAR SUBFRAME FINISH</i>	BLACK RUST PREVENTATIVE COATING ON REAR SUBFRAME
<i>REAR CASE FINISH</i>	SATIN FINISH STAINLESS STEEL REAR CASE
<i>VRTCL & HORZNTL DOCK BMPR FINISH</i>	UTM BLACK ENAMEL FINISH ON HORIZ DOCK BUMPER; BLACK SCHARPF ON VERTICAL DOCK BUMPER
<i>ROOF EXTERIOR FINISH</i>	NATURAL ALUM ROOF EXTERIOR FINISH
<i>REAR DOOR COLOR</i>	PREPAINTED WHITE REAR DOORS
<i>FLOOR UNDERCOAT</i>	BLACK SEALER/PAINT ON BOTTOM OF WOOD FLOOR

19-Miscellaneous

<i>MUDFLAP TYPE</i>	BLACK PLASTIC ANTI-SAIL MUDFLAPS W/UTM LOGO, MTD WITH STEEL REINFORCING STRAPS
<i>PERMIT HOLDER</i>	☞ TRUCKLITE #97960 ROUND PERMIT HOLDER MOUNTED ON FRONT WALL LOWER R/S

20-Tires and Wheels

<i>22.5"X8.25"STANDARD WIDTH WHEELS</i>	☞ 12 - 22.5X8.25 ACRD 50487PKWHT21 10H/P 5HH
<i>22.5" STANDARD PROFILE TIRES</i>	☞ 12 - 11R 22.5 MICH XTE 14P 41.00" TIRE DIA. LOAD RANGE 'G' MAX SPEED RATED @75 MPH

Special Instructions

None.