



The First Name In Trailers

Ocean Trailer

CLAIR FLEMING
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Specifications (↻ = Option to Base Model)

1-Model & Payload Capacity

MODEL	VS2DX
PAYLOAD CAPACITY	55,000 LBS EVENLY DISTRIBUTED PAYLOAD CAPACITY
SPECIAL TRAILER APPLICATION	↻ TALL BOTTOM RAIL(TBR) FOR 4000DX 101.25 SYSTEM (REQUIRES A MIN. 20,000LB FLOOR RATING)
GROSS VEHICLE WEIGHT RATING	65,000 LBS GVWR
INTERNATIONAL IMPORTATION SPECIFICATIONS	↻ FRENCH/ENGLISH VIN LABEL REQD FOR IMPORT TO CANADA AND QAI CERTIFICATION
GREENHOUSE GAS COMPLIANCE	THIS TRAILER IS NOT UTMG GHG2 CERTIFIED, GHG2 CERTIFICATION MAY REQUIRE ADDL OPTIONS&COSTS
DQS UPDATE NUMBER	DQS UPDATE #180 (11/5/22)

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	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
APPROACH PLATE REINFORCEMENT	↻ EXTERIOR APPROACH PLATE REINFORCING ANGLE

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

7-Rear Subframe

HORIZONTAL DOCK BUMPER

BASE SPEC: 7"HRZ BMPR W/ 1/4" REINF PLATE & 2"ADDL DOCK
LOCK CLEARANCE X1"LG @ C/L OF BUMPER

RUBBER DOCK BUMPERS

➤ (1) PAIR RUBBER DOCK BUMPERS 1/2" PROUD

VERTICAL & HORIZONTAL
DOCK BUMPER

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

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

DUST SHIELDS

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

AIR RIDE DUMP VALVES

HENDRICKSON AUTOMATIC DUMP VALVE

BRAKE LINING STYLE

HENDRICKSON HXS BRAKE LINING STYLE FOR USE W/ INTRAAX

AXLE SPINDLE NUTS

CONMET SPINDLE NUT (INCL. W/ CONMET PRESET+ WHEEL END
SYSTEM)

HUB PILOTED SYS
W/OUTBOARD DRUMS FOR
16-1/2" X 7" BRAKES

10 STUD HUB PILOTED SYS W/OUTBRD CAST DRUMS W/16-1/2"X
7"BRKS(STD W/CONMET PRESET+WHEEL END SYS)

ANTILOCK BRAKE SYSTEMS
(ABS)

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

WHEEL BEARING
LUBRICATION

FACTORY CHOICE 80W-90 OIL

ANTI-DOCK WALK DEVICES

➤ HENDRICKSON SURELOK ANTI-DOCK WALK DEVICE FOR USE WITH
MANUAL DUMP VALVE

AXLE MANUFACTURER

HENDRICKSON "VENTED" AXLES

AXLE SPINDLE TYPE

➤ P-SPINDLE TYPE FOR USE WITH CONMET PRESET PLUS WHEEL END
SYSTEM

AUTOMATIC TIRE INFLATION
SYSTEM

➤ HEND TIREMAAX PRO TIRE INFL SYS W/WARN LGT ON FRONT
CORNER *RETAINS CONMET 8YR WARRANTY*

LOAD SCALE KIT

➤ HENDRICKSON AKLS1006 LOAD SCALE (INCLS MANUAL DUMP
VALVE) IN FULLY ENCLOSED POLYCARBONATE BOX

WHEEL BEARINGS (CONES)
AND RACES (CUPS)
MANUFACTURER

CONMET BEARINGS (INCL W/ CONMET PRESET+ WHEEL END
SYSTEM)

SLIDER PIN RELEASE
MECHANISM

HENDRICKSON QUIK DRAW AIR OPERATED SLIDER REPOSITIONING
SYSTEM

CONMET WHEEL END SYSTEMS

BASE SPEC:CONMET PRESET+IRON HUB SYSTEM,INCL:CONMET
PREMIUM SEAL,BEARING,SPACER &SPINDLE NUT

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

VENT DOOR FRONT

➤ 8-3/4"X14"CLEAR OPNG SINGLE SEAL FRONT VENT W/STAINLESS
STEEL COVER UPPER R/S

LADDER

➤ (4) STIRRUP STEPS & (1) HANDLE ON R/S FRONT WALL

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

COMPOSITE PANEL SIDEWALL DESIGN(INJECTED NON-HFC
POLYURETHANE FOAM CORE BONDS INTI/EXT PANELS)

SIDE POSTS

3/8" 14GA HIGH STR GALV HAT SHPD24"C/L (FRT/RR SUB 16"C/L)
W/"A" SLOTS ON 8" VERT C/L

*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.
>> to be installed as low as possible above bottom 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 STL HAT SHAPED ROOF BOWS
16"C/L(FRT/ RR SUB 24"C/L)BONDED TO ROOF SKN

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) REAR DOOR LOCK ROD PER DOOR

REAR DOOR HINGES

⇒ (1) ADDITIONAL PAIR OF REAR DOOR HINGES

VENT DOOR REAR

⇒ 8-3/4" X 14" CLR OPENING VENT WITH STAINLESS STEEL COVER ON REAR SWING DOORS LOWER C/S

HOLDBACKS

⇒ ****NOTE**** The TBR option incl. a recessed door holdback

*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

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

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

18GA 12" HIGH CORRUGATED STEEL SURFACE MTD WEARBAND

IMPACT PROTECTION (BANG PLATES)

⇒ 10GA X 13" STL BANG PLT SURF MTD ON FRT WALL, OVERLAID ON STD CORR W/BAND *SEE NOTES FOR MIN QTY*

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. (10-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>TIRE CARRIER</i>	⇒ (1)C/S TIRE CARRIER FOR (1) MAX 12"NOM T&W ASSY MTD 180 DEGREES FROM STD INCLUDES CHAIN & HOOK
<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
<i>SIDE MOUNTED AERODYNAMIC AIR DEFLECTORS</i>	BASE SPEC:USS120A-4 "ADVANCED" AERODYNAMIC BLACK SIDE SKIRT MTD BELOW BOTTOM RAIL

20-Tires and Wheels

<i>22.5"X8.25"STANDARD WIDTH WHEELS</i>	⇒ 8 - 22.5X8.25 ALCOA HIGH POLISH ULTRA ONE ALUMINUM10 H/P#ULT397
<i>22.5" STANDARD PROFILE TIRES</i>	⇒ 8 - 11R 22.5 MICH X-LINE ENERGY-T2 14PLY 40.80"TD,LOAD RNG'G' MAX SPEED RATED @75 MPH;

Special Instructions