

Model & Payload Capacity

(1) PAYLOAD CAPACITY	55,000 LBS EVENLY DISTRIBUTED PAYLOAD CAPACITY
(1) SPECIAL TRAILER APPLICATION	EPA SMARTWAY CERTIFICATION (INCLUDES SMARTWAY DECAL MTD ON INTERIOR REAR OF TRAILER)
(1) MODEL	VS2DX
(1) GROSS VEHICLE WEIGHT RATING	65,000 LBS GVWR
(1) 4000D-X101.25 SYSTEM	4000D-X101.25 SIDEWALL SYS INCLS 3/8" 14GA & 18GA STEEL HAT SHPD POSTS W/"A" SLOTS ON 8" C/L

Dimensions

(1) OVERALL HEIGHT	13'6" O/A HEIGHT ON 46-1/2" FIFTH HEIGHT FOR 110-3/16" POST HEIGHT
(1) LENGTH	53'0" OVERALL LENGTH
(1) WIDTH	102-3/8" OVERALL WIDTH
(1) INSIDE WIDTH	101" INSIDE WIDTH AT WEARBAND (+/- 1/4" TOLERANCE)
(1) INSIDE HEIGHT	110-1/2" INSIDE HEIGHT AT FRONT; 111" INSIDE HEIGHT AT REAR

Deck

(1) DECK TYPE	STRAIGHT DECK WITH 1/2" WEDGE
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Front Subframe

(1) COVER PLATE	EXTRUDED ALUMINUM COVER PLATE ON LOWER FRONT WALL
(1) KINGPIN PLATE	3 GA HIGH STRENGTH STEEL FULL WIDTH KINGPIN PLATE
(1) FRONT SUBFRAME	3-1/2" DEEP BOX BEAM DESIGN FRONT SUBFRAME RAISED 1-3/8" FLUSH WITH TOP OF FLOOR
(1) APPROACH PLATE	1/4" HIGH STRENGTH STEEL APPROACH PLATE
(1) KINGPIN TYPE	AAR HARDNESS CRUCIFORM KINGPIN
(1) KINGPIN LOCATION	36" KINGPIN LOCATION

Support Legs

(1) SUPPORT LEG CRANK LOCATION	ROADSIDE SUPPORT LEG CRANK LOCATION
(1) SUPPORT LEG BRACING	BOLT-ON CROSS BRACING WITH 7 GA 3-1/4" DEEP HIGH STRENGTH STEEL CHANNEL
(1) SUPPORT LEG LOCATION	SUPPORT LEG LOCATION OF 105" FROM C/L OF KINGPIN
(1) SUPPORT LEGS	JOST A401 ENHANCED 50,000 LBS CAPACITY SUPPORT LEGS W/10"X10" ULTRA LOW PROFILE CUSHION FOOT

Frame, Rails & Crossmembers

(1) CROSSMEMBERS OVER SUPPORT LEGS	(5) 4" STEEL I BEAM CROSSMEMBERS WITH (4) RIVET END CLIPS ON 12" C/L OVER SUPPORT LEGS
(1) BOTTOM RAILS	10-5/8" DEEP HEAVY DUTY EXTRU ALUMINUM BOTTOM RAILS
(1) CROSSMEMBERS FRONT SUB TO LEGS	2-3/16" STEEL HAT SHAPED C-MEMS WITH CONTINUOUS ENDPLATE
(1) CROSSMEMBERS LEGS TO REAR SUB	4" STEEL I BEAM CROSSMEMBERS W/ (4) RIVET END CLIPS ON 12" C/L LEGS TO REAR SUB
(1) CROSSMEMBERS OVER REAR SUBFRAME	4" STL I BEAM C-MEMS W/(4) RIVET END CLIPS 12" C/L OVER REAR SUB

Rear Subframe

(1) HORIZONTAL DOCK BUMPER	BASE SPEC: 7"HRZ BMPR W/ 1/4" REINF PLATE & 2"ADDL DOCK LOCK CLEARANCE X11"LG @ C/L OF BUMPER
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(1) RUBBER DOCK BUMPERS

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

(1) VERTICAL & HORIZONTAL DOCK BUMPER

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

(1) VERTICAL AND HORIZONTAL DOCK BUMPER MATERIAL

SST VERTICAL AND HORIZONTAL DOCK BUMPER FOR 7" BUMPER

Suspension/Axles/Actuation

(1) SLIDER PIN RELEASE MECHANISM

HENDRICKSON QUIK DRAW AIR OPERATED SLIDER REPOSITIONING SYSTEM

(1) ANTILOCK BRAKE SYSTEMS (ABS)

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

(1) AXLE MANUFACTURER

HENDRICKSON "VENTED" AXLES

(1) AXLE SPINDLE NUTS

HENDRICKSON PRECISION SPINDLE NUT *REQD FOR STD 5-YR WHEEL END WARRANTY*

(1) DISC BRAKES

BENDIX #ADB22X-LT DISC BRAKES INCLUDES:N-SPNDL,CONMET PRESET+ IRON HUB & BOLT-ON FLAT ROTOR

(1) SLIDER SUSPENSION LOCATION

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

(1) AUTOMATIC TIRE INFLATION SYSTEM

HEND TIREMAXX PRO TIRE INFL SYS W/WARN LGT ON FRONT CORNER *RETAINS 5YR WARRANTY*

(1) HUBCAPS

FEDERAL MOGUL "NON-VENTED" HUBCAP *REQD FOR STD 5-YR WHEEL END WARRANTY*

(1) BRAKE LINING STYLE

HENDRICKSON HXS BRAKE LINING STYLE FOR USE W/ INTRAAX

(1) AIR ACTUATION

ONE TANK AIR ACTUATION SYSTEM W/SPRING BRAKES

(1) 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

(1) WHEEL BEARING LUBRICATION

CHEVRON DELO SYNTHETIC GREASE SF IN HUBS

(1) ANTI-DOCK WALK DEVICES

HENDRICKSON SURELOK ANTI-DOCK WALK DEVICE

(1) HENDRICKSON AIRRIDE SYSTEMS WITH INTEGRAL AXLES

HENDRICKSON HKANT 40K AIRRIDE/ SLIDER SYSTEM W/49" AXLE SPACING ON HEAVY DUTY SLIDER

(1) AXLE SPINDLE TYPE

N-SPINDLE TYPE

(1) WHEEL BEARINGS (CONES) AND RACES (CUPS) MANUFACTURER

GENERAL BEARINGS (CONES) AND RACES (CUPS)

(1) AIR BRAKE CHAMBERS

BENDIX ENDURASURE 3030 AIR BRAKE CHAMBERS

(1) OIL SEALS

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

(1) SLACK ADJUSTERS

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

(1) AIRRIDE DUMP VALVES

NOTE This trailer does not have a dump valve due to the Surelok device

Front Wall

(1) FRONT TOP RAIL

EXTRUDED ALUM WRAPAROUND FRONT TOP RAIL

(1) FRONT WALL POSTS

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

(1) GLADHANDS & RECEPTACLE LOCATION

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

(1) FRONT PANELS

.040 ALUM FRONT PANELS

(1) FRONT CORNER POST

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

(1) VENT DOOR FRONT

ALUM LOUVERED FRONT VENT UPPER R/S

Side Walls

(1) 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
(1) SIDE PANELS	COMPOSITE PANEL SIDEWALL DESIGN (INJECTED NON-HFC POLYURETHANE FOAM CORE BONDS INT/EXT PANELS)
(1) SIDE POSTS	(1) ADD'L "A" SLOT @ BOTTOM OF SIDE POSTS 8" BELOW STD LOWER SLOT

Roof

(1) ROOF SKIN	.040 ONE PIECE ALUM COIL ROOF SKIN
(1) TOP RAILS	4-1/2" DEEP HEAVY DUTY EXTRUDED ALUMINUM TOP RAILS
(1) 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

Rear Doors

(1) REAR TREADPLATE	.219 HIGH STRENGTH STEEL X 27" DEEP STEEL REAR TREADPLATE INTEGRAL WITH REAR BUCKPLATE
(1) HOLDBACKS	CHAIN LINK AND HOOK TYPE DOOR HOLDBACKS
(1) REAR DOOR HINGES	(1) ADDITIONAL PAIR OF REAR DOOR HINGES
(1) REAR DOOR LOCK RODS	(1) REAR DOOR LOCK ROD PER DOOR
(1) VENT DOOR REAR	ALUM LOUVERED VENT FOR REAR SWING DOOR ON LOWER C/S
(1) REAR CASE & BUCKPLATE MATERIAL	SATIN FINISH SST REAR DOOR CASE
(1) REAR DOOR TYPE	COMPOSITE REAR SWING DOORS
(1) BUCKPLATE REINFORCING	5/8" SST HORIZONTAL FLANGE ON REAR BUCKPLATE (VS STD 3/8")
(1) REAR DOOR PANELS	1/2" COMPOSITE REAR SWING DOORS (PRE-PAINTED WHITE GALV STEEL PANELS W/POLYETHYLENE CORE)
(1) REAR DOOR HINGE MATERIAL	NON-POLISHED ALUMINUM
(1) BUCKPLATE REINFORCING	8 GA REAR BUCKPLATE VS. STANDARD

Floor

(1) FLOOR TYPE	20,000LB 1-3/8"NOM LAM HDWD FLR; FACTORY CHOICE:OAK OR SUGAR MPL W/(3) SCREWS PER BOARD PER CMEM
(1) FLOOR JOINT SEALANT	CAULKING APPLIED PRIOR TO ASSEMBLY BETWEEN EACH JOINT

Lining

(1) WEARBAND	14GA X5/16"CORR X12" NOM GALV STL HD S/WALL W/B (REDUCES ID WIDTH 3/8"@W/B)-USE W/THINWALL
(1) WEARBAND ON FRONT	14GA X 14" EXTRA HEAVY DUTY CORRUGATED GALV STEEL WEARBAND
(1) SIDE WALL LINING CLOSURES	45 DEGREE FRONT CORNER DIAGONAL SIDE WALL LINING CLOSURES
(1) SIDE WALL LINING	PRE-PAINTED WHITE GALV STEEL "ANTI-SNAG" SIDEWALL LINING
(1) FRONT WALL LINING	.016 PPW GALV HIGH STRENGTH STEEL FRONT WALL LINING
(1) IMPACT PROTECTION (BANG PLATES)	3 ADD'L REINF "T'S" IN FRONT WALL AT FLOOR LEVEL BEHIND FRONT WALL WEARBAND

Electrical System

(1) REAR HEADER CLEARANCE LIGHTS	GROTE MICRONOVA L.E.D. PC RATED GROMMET MOUNTED REAR HEADER ID/ CLR LIGHTS
(1) SIDE MOUNTED DIRECTIONAL LIGHT	GROTE SUPERNOVA LED COMBO SIDE MTD DIR/CLRN LIGHT ON BRACKET BELOW BOTTOM RAIL EACH SIDE

(1) CONSPICUITY TAPE LOCATION	CONSPICUITY TAPE ON BOTTOM RAILS AND AT REAR OF TRAILER FOR D.O.T. MINIMUM LOCATION
(1) LICENSE LIGHT	GROTE MICRONOVA L.E.D. LICENSE LIGHT
(1) ELECTRICAL RECEPTACLE	7-WAY RECEPTACLE WITHOUT CIRCUIT BREAKERS SURFACE MOUNTED
(1) CLEARANCE LIGHT QUANTITY	0-1-2-5 D.O.T. MINIMUM CLEARANCE LIGHT QUANTITY
(1) UPPER CLEARANCE LIGHTS	FACTORY CHOICE LED UPPER SIDE RAIL CLEARANCE LIGHTS WITH 3" MOUNTING HOLE C/L
(1) MAIN HARNESS	UTM MOISTURE RESISTANT "BASIC" 6-WIRE CABLE HARNESS WITH INTERNAL GROUND AND 7-WAY PLUG
(1) LOWER CLEARANCE LIGHTS	GROTE MICRONOVA LED PC RATED LIGHT
(1) CONSPICUITY TAPE	FACTORY CHOICE CONSPICUITY TAPE
(1) ABS (ANTI-LOCK) WARNING LIGHT	GROTE MICRONOVA L.E.D. PC RATED LIGHT
(1) STOP/TAIL/TURN LIGHTS	GROTE 4" L.E.D. (10-DIODE) STOP/ TAIL/TURN LIGHTS (2) PER SIDE WITH BLACK SNAP-IN FLANGE
(1) STOP/TAIL/TURN LIGHT CONFIGURATION	GROUPED STOP/TAIL/TURN LIGHTS

Finish Specifications

(1) REAR CASE FINISH	SATIN FINISH STAINLESS STEEL REAR CASE
(1) FRONT CORNER POST FINISH	NATURAL ALUMINIUM FINISH FRONT CORNER POSTS
(1) TOP FRONT & TOP SIDE RAIL FINISH	NATURAL ALUM FINISH TOP FRONT & TOP SIDE RAILS
(1) BOTTOM SIDE RAIL FINISH	NATURAL ALUM FINISH BOTTOM SIDE RAILS
(1) REAR DOOR COLOR	PREPAINTED WHITE REAR DOORS
(1) FLOOR UNDERCOAT	BLACK SEALER/PAINT ON BOTTOM OF WOOD FLOOR
(1) ROOF EXTERIOR FINISH	NATURAL ALUM ROOF EXTERIOR FINISH
(1) SIDE PANEL FINISH	PREPAINTED WHITE SIDE PANELS
(1) REAR SUBFRAME FINISH	BLACK RUST PREVENTATIVE COATING ON REAR SUBFRAME
(1) FRONT PANEL FINISH	PREPAINTED WHITE FRONT PANELS
(1) FRONT SUBFRAME ASSEMBLY FINISH	FRONT SUB FULLY FLOODED INSIDE WITH BLACK RUST PREVENTATIVE FINISH, TOP PLATE PRIME PAINTED
(1) SUPPORT LEG FINISH	BLACK RUST PREVENTATIVE COATING ON SUPPORT LEGS
(1) VRTCL & HORZNTL DOCK BMPR FINISH	**NOTE** SST HORIZ & VERTICAL DOCK BUMPER

Miscellaneous

(1) PERMIT HOLDER	BETTS PS-1 ROUND PERMIT HOLDER ON R/S FRONT WALL
(1) SIDE MOUNTED AERODYNAMIC AIR DEFLECTORS	USS120A-4 FRP "ADVANCED" AERODYNAMIC WHITE SIDE SKIRT MTD BELOW EACH BOTTOM RAIL
(1) MUDFLAP TYPE	BLACK PLASTIC ANTI-SAIL MUDFLAPS W/UTM LOGO, MTD WITH STEEL REINFORCING STRAPS
(1) FHWA INSPECTION REPORT	FHWA INSPECTION REPORT COPY EMAILED TO DEALER SALESPERSON FOR EACH UNIT

Tires and Wheels

(8) 22.5" X 8.25" STANDARD WIDTH WHEELS	22.5X8.25 F.C. STL 10 HUB PILOT
(8) 22.5" LOW PROFILE TIRES	275/80R 22.5 MICH X-LINE ENERGY -T 14PLY 39.70" T/D, LOAD RG'G' MAX SPEED RATED @75 MPH; TRRL=<4.7