

**BID 2981- BUCHANAN HS BAND TRAILER SPECIFICATIONS
KENTUCKY TRAILER OR EQUAL**

SPEC NO: 1.5

NO. OF UNITS: One (1)

ALUMINUM VAN SPECIFICATIONS

MODEL: AVCC-DF **LENGTH:** 53'-0" **WIDTH:** 102" **HEIGHT:** 13'-6"
DROP: 28" **INSIDE WIDTH:** 99" **COUPLER HEIGHT:** 49-1/2"
KING PIN: 36" **FRAME WIDTH:** 48" **BEAM CENTERS:** 41"
FRONT TO DROP: 120" **KING PIN TO LANDING GEAR:** 77"
CENTER OF TANDEM FROM REAR OF BODY: 144 " **REAR FLOOR HEIGHT:** 26-1/2"

EAVE HEIGHT: 106" F.O.D. - 134" wheel box to rear

LANDING GEAR: Jost # A421-T1-17, 17" travel, 90" reverse mount with low profile shoes.

FRAME: - 10" reinforcement with steel I beam sills x 100-3/8" long on 12" centers.

SUSPENSION: - Two (2) Hendrickson HT250US

- 17" Wheel boxes

- Bottom rails to be mitered around wheel boxes

RAISING & LOWERING KIT: Electric # MM218 with switch on nosebox.

AXLE: - Hendrickson (*Do not use spindle nuts that came in with axles – MUST use Stemco Zip-Torq*)

- Air control kit Haldex #AKH236-3.

- Non-Asbestos brake lining Abex

- Brake chambers TSE

- Axle restraints

TRACK: 77-1/2"

WHEEL ENDS:

Stemco PPS Package (Platinum Performance System Plus 7)

Warranty: 7 years

Seals: Stemco Guardian HP (TQ)

Bearings: INNER: Stemco # HM218248 OUTER: HM212049

Axle Nut: Stemco Zip-Torq

Hub Cap: Stemco

Oil: Stemco approved 75W90

HUBODOMETER: None

ANTI-LOCK BRAKE SYSTEM: Meritor WABCO (PLC) (4 sensor - 2 module)

BRAKE SIZE: 16-1/2" x 7"

SLACK ADJUSTER: Gunite (5-1/2")

HUB AND DRUMS: KIC Hub piloted – Balanced.

DISC WHEEL: Steel Accuride #51487PKWHT

VALVE STEM: TR573-D23

TIRE: Michelin XZE 255/70R 22.5 (H)

TIRE CARRIER: None

WALKBOARD RACK: None

BUMPER: D.O.T.

MUD FLAPS: Ribbed Anti-Spray (24" x 18")

FLOOR: 1-5/16" S/L laminated hardwood - Sand and finish - Undercoat

FRONT: - 5" x 5" bevel corner - Offset nose box to roadside with quick release gladhand (service)

BODY: - **TOP RAIL:** Aluminum 16921 (Natural) **BOTTOM RAIL:** Aluminum 16644 (Painted)

SIDE POST: 14 ga. steel 16618 (3-5/16") x 104", 132" and 111-5/16" long on 16" centers

PANELS: .050 pre-painted white aluminum x 102", 130" and 109-5/16" long

HORIZONTAL TRACK: None

SIDE DOORS: - ***Do NOT install standard Ky. holdbacks on flip up compartments rear of drop.***

- Furnish and install two (2) special gas cylinders on each flip up compartment door only ***AFTER*** compartment doors have been mounted on trailer.
- Gas cylinders ***MUST*** be mounted such that after compartment doors are lifted, front edge of compartment doors ***MUST*** be approximately ***76"*** from ground ***without trailer aired up.*** Compartments in belly section to have gas cylinder, stainless steel clip, and 13mm stainless steel ball. - Special mounting. Compartments over wheel boxes to have gas cylinder, stainless steel clip, and 13mm stainless steel ball – Special mounting.
- Alum. frame on each compartment door and deck door.
- ***On doors that are hinged at top, install only lower cam and keeper.***

CURBSIDE: One (1) 42"W x 83"H single opening. on deck to match S237002 (Clovis West).
One (1) 41-3/4"W x 20"H single opening. on deck in front of swing door. Door must be mounted 2" above floor/bottom rail, door cannot be flush with floor.
Two (2) 48-1/4"W x 50"H single opening. ***flip up*** doors over wheel box.

ROADSIDE: Two (2) 41-3/4"W x 20"H single opening. ***flip up*** on deck.
Two (2) 48-1/4"W x 50"H single opening. ***flip up*** doors over wheel box.
Two (2) 72"W x 49"H single opening. ***flip up*** doors rear of drop.

REAR FRAME: 93"W x 128-1/4"H – 127-3/4"H clear opening – 1/2" bar rear sill – Flush rear end.

REAR DOORS: Todco 3/4" Tough Shell rollup door with secondary side seals.

ROOF: .040 aluminum - Aluminum bow on 24" centers with flanges turned downward due to insulation - Last roof bow must be located 18" from rear header for rollup door.

LINING: – 1/4" plywood walls, doors and ceiling - 1/2" plywood nose (***WHITE***) – ***Hold plywood lining in ceiling 18" from rear header – NOTE – Lining for side walls only to be shipped loose.***

INSULATION: 3/4" block insulation in ceiling only, between roof bows.

SCUFF: None

PLUG ASSEMBLY: 12 Volt/Phillips #15-762

EXTERIOR LIGHTS: - LED – KTM OPT 2
- Stop, tail, and turn lights to be LED.

INSIDE LIGHTS: None

PAINT - BODY: FULL TRIM

CUBE MARKING: NONE

CHASSIS: Black - **WHEELS:** White

DECALING: None

CONSPICUITY: 45000-UVL

SPECIALS:

- Install full width skid plate at rear sill.
- ***Install Mylar tape.***
- ***Top rail special length – See rail layout.***
- ***Do NOT install drip lips over flip up door openings – Install drip lips with doors.***
- ***Last panel at rear extends 2-1/4" past bottom rail – Top rail connection is standard angle.***
- ***Do NOT weld rollup door spring into rear door header – The spring is NOT pre-wound and needs to be installed with door.***
- ***KTS to install all doors except swing door on C/S front.***

SHOP NOTES

- **DO NOT INSTALL ANY STANDARD KY. HOLDBACKS ON FLIP UP DOORS.**
(These flip up compartments get special gas cylinders installed – See Side Door