



**5460 GALLON (130 BARREL) SINGLE COMPARTMENT
STEEL VACUUM TANDEM SEMI TRAILER**



GENERAL CONSTRUCTION

MODEL:	TBSSV-130-1
SPECIFICATIONS:	NON-CODE, NON-SPEC
PRODUCT:	WATER AND VARIOUS WASTE PRODUCTS
MAWP:	15 PSIG
CAPACITY:	5460 (130 BBL) GALLONS SHELL FULL
COMPARTMENTS:	SINGLE
	EFFECTIVE DATE: JANUARY 3, 2019

**5460 (130 BARREL) SINGLE COMPARTMENT
STEEL VACUUM TANDEM SEMI TRAILER - CONTINUED**

DESIGN: FULL FRAME STRAIGHT BARREL

SHELL LENGTH: 468" (39' 0")

OVERALL LENGTH: 516" (42'-0") PEAK OF FRONT HEAD TO REAR BUMPER

SHELL: .250" A36 STEEL

HEAD/BAFFLE: .25" A36 STEEL
(2) .25" A36; (1) REAR OF FRONT SUBFRAME AND
(1) FRONT OF REAR SUBFRAME

RINGS: (9) 3/8" X 2.5" STEEL FLAT BAR

BUMPER: 96" WIDE STEEL DOT

OVERTURN PROTECTION: NONE

DOMES COVER: (3) 20" NAT VAC 5 LUG STYLE; ONE CENTER OF VESSEL BETWEEN THE BAFFLES; ONE TOP REAR OF VESSEL BETWEEN REAR HEAD AND REAR BAFFLE; ONE MANWAY CENTER OF REAR HEAD.

VENT: (1) 1 1/2" BRASS PRESSURE RELIEF VENT;
(1) 1 1/2" BRASS VACUUM RELIEF VENT;

KING PIN: 48" GROUND TO KINGPIN PLATE; 18" KINGPIN SETTING

VACUUM EQUIPMENT

PRIMARY SHUTOFF: 12" NVE STEEL
3" HOSE BARB OUTLET; PVC BALL CAGE AND STAINLESS STEEL
FLOAT BALL; LOCATE AT TOP FRONT OF VESSEL BETWEEN
FRONT HEAD AND FRONT BAFFLE

SECONDARY SHUTOFF: NVE STEEL 10 GALLON
3" HOSE BARB INLET/3" NPT OUTLET; PVC BALL CAGE AND
STAINLESS STEEL FLOAT BALL

SIGHT GLASS: ONE ON REAR HEAD PASSENGER SIDE WITH ISOLATION VALVES

FLOAT GAUGE: NONE

PRESSURE GAUGE: 2 1/2" GLYCERIN FILLED PRESSURE/VACUUM GAUGE

PUMP: NONE

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AIR HOSE: 3" PRESSURE/VACUUM HOSE CONNECTING PRIMARY AND SECONDARY

GASKETS: BUNA MANHOLE AND VALVE GASKETS

LOAD/DISCHARGE FITTINGS

LOAD AND DISCHARGE: (2) 4" THREADED FLANGE WITH 4" BUTTERFLY VALVES ON REAR SUMP BOX

BODY TRIM

LADDER: STEEL STREET SIDE AT REAR
NON-SLIP STEPS

CATWALK: FULL LENGTH STREET SIDE

FENDERS: NONE

HOSE TRAYS: FULL LENGTH 10GA STEEL BOTH SIDES

HOSE HOOKS: NONE

CABINET: (1) STEEL 18" X 18" X 36" STREET SIDE IN FRONT OF TANDEM

PLACARDS: NONE

LIFTING LOOPS: NONE

ELECTRICAL SYSTEM

LIGHTS: TAIL AND MARKER LIGHTS
3-TAIL LIGHT GROUP EACH SIDE AT REAR. OUTSIDE – RED CLEARANCE/TURN, CENTER – AMBER TURN, INSIDE – RED STOP/TAIL
(3) MARKER SINGLE FUNCTION LIGHTS PER SIDE
(1) SEQUENTIAL TURN SIGNAL EACH SIDE NEAR CENTER MOUNTED OFF FRONT OF HOSE TUBES
I.D. CLUSTER ON REAR HEAD
LICENSE LIGHT AND BRACKET ON REAR HEAD

WORKLIGHTS: (2) REAR MOUNTED ON ID LIGHT BRACKET REAR HEAD TO LIGHT DISCHARGE AREA

UNDERCARRIAGE

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SUSPENSION: HUTCH 9700 SPRING SUSPENSION

AXLES: (2) 5" ROUND, 71 1/2" TRACK, 5/8" WALL

BRAKES: 16 1/2" X 7" "Q" LININGS

WHEEL END TYPE: 10 STUD HUB PILOT (HP10)

HUBS: (4) STEMCO OIL SEALS AND HUBCAPS

DRUMS: (4) OUTBOARD

DUST SHIELDS: NONE

ABS/BRAKE SYSTEM: MERITOR/WABCO (4S/2M) PLC ABS

BRAKE CHAMBERS: (4) 30/30 SPRING BRAKE CHAMBERS

SLACK ADJUSTERS: (4) 5 1/2" AUTOMATIC SLACK ADJUSTERS

WHEELS: (8) 8.25 X 24.5 STEEL

TIRES: (8) 11R24.5 ROAD ONE CHIP RESISTANT

LANDING GEAR: TWO SPEED
STREETSIDE CRANK AND SAND SHOES
BOLSTER STYLE BRACKET

TIRE CARRIER: NONE

FINISH

COATING: DTM PPG COATING; CUSTOMER SPEC COLOR

LINER: PPG SIGMA NOVAGAURD 840

CONSPICUITY: 2" WIDE REFLECTIVE TAPE
D.O.T. MINIMUM COVERAGE

SIGNS: STANDARD SOUTHERN EMBLEM

REGISTRATION: NONE

EFFECTIVE DATE: JANUARY 3, 2019