

PRODUCT DATA SHEET

January, 2001

MODERN FIXED AXLE TANK

("V" BOTTOM VERSION)

GENERAL INFORMATION

This tank has a smooth interior wall for easy cleaning.

WEIGHTS AND MEASURES

➤ Capacity:	.....	500 BBL (21,000 gallons)
➤ Height:	.....	10'-9" (grade to top of tank)
➤ Width:	.....	8'-5"
➤ Length:	.....	44'-10" (overall)
➤ Weight:	.....	25,500 lbs.

STRUCTURAL DESIGN

➤ Floor:	.....	¼" thick ASTM A36 carbon steel "V" bottom sloping from each side to center
➤ Sides/Ends:	.....	¼" thick ASTM A36 carbon steel
➤ Top Deck:	.....	¼" thick ASTM A36 carbon steel
➤ Wall Frame:	.....	¼" thick ASTM A36 carbon steel channels
➤ Roof Rafters:	.....	¼" thick ASTM A36 carbon steel channels
➤ Internal Cross Bracing:	.....	None

ACCESSORIES

➤ Manifold:	.....	None
➤ Electrical Plug:	.....	Large 7-pin D.O.T. compliant, mounted on lower front of tank on driver's side
➤ Valves:	.....	2-Front & 1-Rear: Bray Series 30, 4" wafer butterfly valve. Cast iron body, Buna-N seat & seals, 316 SS stem, Nylon 11 coated ductile iron disk w/ plug and chain. Remote operation handle for rear valve
➤ Relief Valve:	.....	Blaylock Model LL10, Buna-N seal, 16 oz. Pressure setting, 0.4 oz. Vacuum setting
➤ Fill Line:	.....	3" sch. 40 A106B pipe, top of tank, with cap and chain
➤ Top Manway:	.....	22" I.D., slotted hinges and 5 - ¾" T or eye bolt with wing nut fasteners, hinged to side of tank, ½" flat plate or 3/8" if domed ASTM A36 steel.
➤ Front Manway:	.....	22" I.D., slotted hinges and 5 - ¾" T or eye bolt with wing nut fasteners, hinged away from stairs, ½" flat plate or 3/8" if domed ASTM A36 steel.
➤ Side Manway:	.....	22" I.D., slotted hinges and 5 - ¾" T or eye bolt with wing nut fasteners, mounted on passenger side and hinged to front of tank, ½" flat plate or 3/8" if domed ASTM A36 steel.
➤ Manway Seals:	.....	¾" wide x 1" high x 22" dia. Buna N formed gasket and thermally fused

ACCESSORIES – cont.

➤ Stairway:	.....	Non-slip with handrails and guardrails; OSHA compliant
➤ Rear Drain:	.....	4"-150# tank-side weld neck flange mated to valve and 150# FPT flange
➤ Front Drain:	.....	4"-150# tank-side weld neck flange mated to valve and 150# FPT flange
➤ Top Vapor Connection:	.....	4"-150# weld neck flange with blind flange (chained) and Buna N gasket
➤ Level Gauge:	.....	Ball style with 2-8" 304 SS floats. Floor supports hold floats ½" off floor.
➤ Tires:	.....	11.00 x 22.5 (nylon tubeless)
➤ Axles:	.....	Standard 22,500#, Rockwell automatic slack adjusters, cast drum and hub, 30 service chambers, outboard drums
➤ Wheels:	.....	BUDD 10-hole, 2-hole opening
➤ Suspension:	.....	Hutch 9700 GAW

SURFACE DETAILS

➤ Exterior Coating:	.....	<u>Primer:</u> Carboline 890 Polyamide epoxy <u>Paint:</u> Carboline 134HS Polyurethane
➤ Interior Coating:	.....	<u>Primer:</u> Carboline 187 <u>Finish:</u> Carboline 187
➤ Safety Paint:	.....	Carboline® Rustarmor 139, color 6666 (All moveable safety equipment, handrails, stairs etc.
➤ Equipment Number:	.....	<u>Baker equipment number:</u> 6" numbers, right front & left rear - CFVP****L (CFVP = Corrugated Wall Fixed Axle Vapor Tight; L = Lined, **** = tank sequence number)
➤ Decals:	.....	2-DCLE: Baker Tanks – Tanks..Rentals 1-DCLH: "E" ("Empty" symbol for level) 1-DCLJ: "F" ("Full" symbol for level) 2-DCLK: Property of Baker Tanks... 1-DCLD01: Danger-Do Not Enter... 2-DCLD03: Danger...Confined Space 1-DCLD04: Danger...Surface...Slick 1-DCLIC01: Warning...Coating Damage 1-DCLW04: Warning-Do Not Move...
➤ Placard Mounts:	.....	Removable 10-gauge steel, 48"x48", both sides of tank at top rear. Secured with nylock nuts or bolts with lock washers.

TESTS/CERTIFICATIONS

➤ Test Performed:	100% water tested to full capacity, 3 psi – 20 min test; Level I, II and III inspections on a scheduled basis
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