

PRODUCT DATA SHEET

September, 1999

CPC FIXED AXLE TANK

("TUFF TANK" VERSION)

GENERAL INFORMATION

This tank has a smooth interior wall for easy cleaning.

WEIGHTS AND MEASURES

Capacity:	500 BBL (21,000 gal.)
Height:	10'-9" (grade to top of tank)
Width:	8'-0"
Length:	44'-10" overall (rear of tank to end of nose guard)
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 channel
Roof Rafters:	¼" thick ASTM A36 carbon steel channel
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
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
Stairway:	Non-slip with handrails and guardrails; OSHA compliant
Level Gauge:	Ball style with 2-8" 304 SS floats. Floor supports hold floats ½" off floor.

ACCESSORIES – cont.

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, with plug and chain. Remote operation handle for rear valve
Rear Drain:	4"-150# tank-side weld neck flange mated to valve and 150# FPT flange
Front Drain & Front Supply:	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
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
Brakes:	Hutch 9700 GAW

SURFACE DETAILS

Exterior Coating:	Primer: Carboline 890 Polyamide epoxy, color C703 Paint: Carboline 134HS Polyurethane, color #B756-Baker Warm Gray
Interior Coating:	Primer: Carboline 187, color 0500 Brick Red
Safety Paint:	Safety yellow – handrails, hatch covers and trip hazard surfaces
Equipment Number:	Baker equipment number: 6" numbers, right front & left rear - CFVP****L (CFVP = Corrugated Wall Fixed Axle Vapor Tight; L = Lined, **** = tank sequence number) Mfr serial #: lower framework, stair side
Decals:	2-DCLB: Property of Baker Tanks.... 1-DCLD01: Danger-Do Not Enter.... 1-DCLD03: Danger....Confined Space 1-DCLD04: Danger ...Surface...Slick 2-DCLE: Baker Tanks-Tanks...Rentals 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:	Hydrostatic water test after construction and major repairs; Level I, II and III inspections on a scheduled basis
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