

PRODUCT DATA SHEET

November, 2006

EASY ACCESS TANK

(500 BBL Standard & Short)

GENERAL INFORMATION

Hinged deck lid sections form a permanent catwalk yet permit visual inspection of all internal surfaces. Lid sections are torsion bar counterbalanced for easy lifting. These tanks are not vapor tight.

WEIGHTS AND MEASURES

➤ Capacity:	.....	Standard tank – 500 BBL. (21,000 gal.) Short tank – 475 BBL. (19,950 gal.)
➤ Height:	.....	Standard – 12'-6" Short – 11'-10"
➤ Width:	.....	Standard – 8'-0" Short – 8'-0"
➤ Length:	.....	Standard – 37'-0" Short – 37'-0"
➤ Weight:	.....	Standard – 21,000 lbs. (est.) Short – 20,500 lbs. (est.) Standard w/coils – 21,800 lbs. (est.) Short w/ coils – 21,300 lbs. (est.)

STRUCTURAL DESIGN

➤ Floor:	.....	¼" thick ASTM A36 carbon steel
➤ Sides/Ends:	.....	¼" thick ASTM A36 carbon steel
➤ Top Deck:	.....	¼" thick ASTM A36 carbon steel
➤ Wall Frame:	.....	3" to 5" steel channel
➤ Floor Frame:	.....	6" carbon steel I-beam
➤ Top Frame:	.....	4" steel channel
➤ Internal Cross Bracing:	.....	15 – 3"x3"x¼" angle iron

ACCESSORIES

➤ Manifold:	.....	None
➤ Valves:	.....	1-4" butterfly valve tractor end – driver side; 1-6" butterfly valve dolly end – passenger side Total Drain: 1-4" butterfly valve dolly end – driver side
➤ Relief Valve:	.....	None
➤ Top Access Doors:	.....	4 - 186" x 32" x 1/8" thick steel plate with torsion bars
➤ Manways:	.....	None

ACCESSORIES – cont.

➤ Exterior Stairway:	.....	Ladder, stairway or stair-stepper
➤ Guardrails:	.....	Top deck, fold-down, 1" x 1½" tubing
➤ Internal Ladder:	.....	1 – 16" wide x 140" long
➤ Bottom Sump	.....	One on each end of tank: Type 1: flat bottom, 12" diameter, 3" deep Type 2: domed, 14" diameter, 4" deep
➤ Front Collar:	.....	4" threaded nipple extension, plugged or capped
➤ Level Gauge:	.....	None
➤ Electrical Plug:	.....	None
➤ Rear Wheels:	.....	Removable conventional or air dolly; no fixed axles
➤ Drop Pin:	.....	One on dolly end, with safety clip
➤ Air lines:	.....	Two connections at tractor end
➤ Options:	.....	Heating coil

SURFACE DETAILS

➤ Exterior Coating:	.....	Carboline® 134HS (High Gloss Acrylic Aliphatic Polyurethane)
➤ Interior Coating:	.....	Normally none
➤ Safety Paint:	.....	None
➤ Equipment Number:	.....	Varies; all will have the letters "EA" in the equipment number
➤ Decals:	.....	2-DCLC: Property of Baker Tanks... 2-DCLD02: Danger-Do Not Enter... 2-DCLW04: Warning-Do Not Move/Lift... 2-DCLIC01: Warning-Interior Coating Damage (Used only if interior is lined)
➤ Placard Mounts:	.....	None

TESTS/CERTIFICATIONS

➤ Test Performed:	New construction and skin repairs: hydrotest Scheduled: Level I, II & III inspections
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