

PRODUCT DATA SHEET

October, 2003

WATER TOWER (Klein Products of Kansas)

GENERAL INFORMATION

Transportable (meets DOT standards) water storage tank for filling trucks at construction, mining and agricultural sites. This tank is for WATER STORAGE ONLY. Tank is pulled behind a tractor to the job site, dropped off and jacked up to operational height via hydraulic legs.

WEIGHTS AND MEASURES

➤ Capacity:	.....	12,000 gallons
➤ Height:	.....	13'-6" (lowered – highest point) 22'-0" (raised – highest point)
➤ Width :	.....	8'-0"
➤ Length:	.....	42'-10" (nose to ladder cage o.d.) 32'-4" (front tank head to rear tank head)
➤ Weight:	.....	18,000 lbs. (empty)
➤ Clearance:	.....	12'-6" from bottom of 5 th wheel plate to grade (raised position)

STRUCTURAL DESIGN

➤ Tank Shell:	.....	3/16" thick A36 carbon steel
➤ Legs:	.....	Carbon steel; gusseted
➤ Skids:	.....	Carbon steel channels

FEATURES

➤ Down Spout:	.....	12" size with quick opening quarter-turn butterfly valve (chain operated); 4200 gpm max flow. Heavy duty PVC sock.
➤ Overflow Protection:	.....	3" NPT outlet on rear tank head
➤ Clean Out:	.....	6" flanged connection on bottom of front tank head
➤ Fill Line:	.....	6" with auto shut-off control valve (Bermad 705R Reduced Port Control Valve); 1200 gpm max flow rate.

FEATURES – cont.

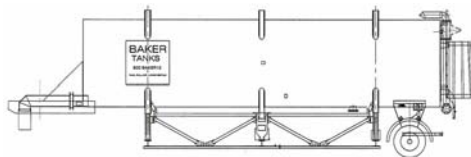
➤ Level Control:	.....	Ball float at rear tank head
➤ Wheels:	.....	10-hole Budd; Dual 11x22.5 tires; rise with tank for theft prevention
➤ Axles:	.....	22,000 lb. rated, fitted with slack adjusters
➤ Brakes:	.....	ABS. 12¼"x7½" cam shoe type with std. DOT quick disconnects
➤ Power Pack:	.....	Portable hydraulic, 5 hp gasoline engine with high volume dry brake disconnects
➤ Light Package:	.....	Turn signal, stop/tail, running and I.C.C. seven-connector plug
➤ Exterior Ladder:	.....	Rear of tank; enclosed by safety cage
➤ Landing Gear:	.....	Hydraulically powered

SURFACE DETAILS

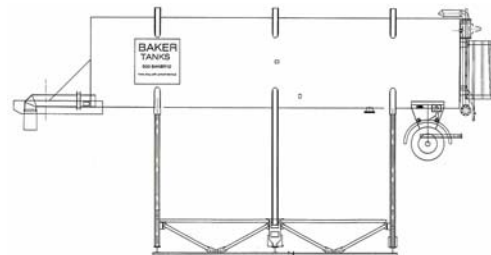
➤ Exterior Coating:	.....	Carboline 8701 zinc-based primer; Carbothane 134HG Green – 6388 paint
➤ Interior Coating:	.....	Plexi black
➤ Equipment Number:	.....	WT#####
➤ Decals:	.....	2-DCLE: Baker Tanks – Tanks...Rentals 2-DCLW12: Water Service Only 2-DCLW22: Watch Your Step

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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Lowered Position



Raised Position

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