

PRODUCT DATA SHEET

January, 2000

MODERN MFG. VACUUM ROLL-OFF BOX

GENERAL INFORMATION

These containers can be used to shuttle sludge or solid wastes directly to a disposal site. They are designed to keep a Super Sucker, Guzzler or other air mover operating full time.

WEIGHTS AND MEASURES

➤ Capacity:	..... 24.9 cubic yards
➤ Height:	..... 6'-4"
➤ Width:	..... 8'-2"
➤ Length:	..... 23'-8"
➤ Inside Dim.:	..... 82½"Wx55"Hx260"L
➤ Weight:	..... 11,200 lbs.

STRUCTURAL DESIGN

➤ Shell, Bottom Half:	..... ¼" steel plate
➤ Shell, Top Half:	..... ¼" steel plate
➤ Main Rails:	..... 2"x6"x¼" rectangular tubing
➤ Door Sheet:	..... ¼" steel plate
➤ Door Frame:	..... 4"x4"x11ga. square tubing
➤ Top Horizontal Frame:	..... 6"x6"x¼" square tubing, ¼" plate formed channel
➤ Front Posts:	..... 3"x6"x3/16" rectangular tubing
➤ Latch Post:	..... 3"x6"x3/16" rectangular tubing
➤ Hinge Post:	..... 3"x6"x3/16" rectangular tubing
➤ Side Posts:	..... ¼" plate formed channel

APPURTENANCES

➤ Wheels:	..... 4 – 10" diameter x 9" long
➤ Nose Rollers:	..... 2 - 4" diameter x 6" long
➤ Top Manway:	..... 1 - 21" domed lid
➤ Side Manway:	..... None
➤ Manway Seals:	..... Neoprene

APPURTENANCES - cont

➤ Hook Up Style:	..... Standard cable roll-off
➤ J-Hook:	..... 1¼" plate front hook, 1¼" plate rear pull back hook
➤ Hook Plate:	..... ¾" steel plate
➤ Hinges:	..... Plate/tube assembly w/1" diameter pin
➤ Locking Mechanism:	..... Vertical latch with four independent ratchet binder sealing system
➤ Grease Fittings:	..... Located in wheels, nose rollers and door hinges
➤ Manifest Tube:	..... 1¼" pipe w/cap located on front
➤ Ladder:	..... One located at center on driver side
➤ Ports:	..... 2 - 8" 150 lb. pipe flange, one on front curb side and one on door driver side
➤ Deflectors:	..... One – inside at front port
➤ Valves:	..... None; 4" pipe nipple w/cap at bottom center door
➤ Door Gasket:	..... Extruded neoprene

SURFACE DETAILS

➤ Exterior Coating:	..... PPG ALK-300, VISSTAR Acrylic Modified Alkyd Enamel, direct to metal, Warm
➤ Interior Lining:	..... PPG ALK-300, VISSTAR Acrylic Modified Alkyd Enamel, direct to metal, Warm
➤ Safety Paint:	..... None
➤ Equipment Number:	..... Welded on front, painted on all sides
➤ Decals:	..... 4-DCLB: Property of Baker Tanks... 2-DCLD02: Danger-Do Not Enter... 2-DCLR01: Warning-Solids Only... 2-DCLW01: Warning – This Container...
➤ Placard Mounts:	..... Four – one on each side and each end

TESTS/CERTIFICATIONS

➤ Tests Performed: 28" Hg vacuum test of design, hydrostatic test and visual inspection
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