

# PRODUCT DATA SHEET

January, 2007

## DEWATERING BOX

(Baker Style)

### GENERAL INFORMATION

This equipment is a 25 yd<sup>3</sup> roll-off box with bottom-mounted filter packs. Sparging and vacuum capability is included beneath the filter packs.

### WEIGHTS AND MEASURES

» Capacity:	.....	25 cu. yds.
» Height:	.....	5'-0"
» Width :	.....	8'-3"
» Length:	.....	23'-0"
» Weight:	.....	7,700 lbs. (approx.)

### STRUCTURAL DESIGN

» Floor:	.....	Carbon steel plate
» Sides/Ends:	.....	Carbon steel plate
» Top:	.....	Roll tarp
» Filter Panel Support:	.....	Transverse 2" steel channel with longitudinal 3/8"x3-1/2" flat bar

### FEATURES

» Door Gasket:	.....	Closed cell neoprene
» Suction Fittings:	.....	2-4", blind flanged, total drains
» Sparge Line Fittings:	.....	2-1" ball valves with female threads
» Filter Panels:	.....	12 total and hinged on wall side of box, 10 are approx. 40"x40", two panels farthest from door are smaller
» First Stage Filter:	.....	Fixed perforated steel plate, 1/4" diameter holes on 3/8" stagger, 42% open area
» Second Stage Filter:	.....	Removable stainless steel 50 mesh screen (0.0118 width opening) 30.3% open area sandwiched between two panels of expanded metal
» Sparge Line:	.....	(2) - 1" schedule 40 pipe with 1/8" dia. holes every 6" (approx. 40 holes per line)

### SURFACE DETAILS

» Exterior Coating:	.....	High gloss polyurethane
» Interior Coating:	.....	None

### TESTS/CERTIFICATIONS

➤ Test Performed:	.....	Scheduled QMS inspections
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