

PRODUCT DATA SHEET

January, 2007

SPECTRUM DEWATERING BOX (PHASE SEPARATOR)

GENERAL INFORMATION

These units use a disposable filter media (filter cloth) which enhances dewatering efficiency. Box can be cleaned without removing any components or filter panels due to the space between the support screens and walls/floor. The Turbo Model increases surface area approximately 35%, which decreases dewatering time significantly.

WEIGHTS AND MEASURES

» Capacity:	.....	20 yd ³ : 16 yd ³ filled to top 30 yd ³ : 26 yd ³ filled to top
» Height:	.....	20 yd ³ : 5'-2" 30 yd ³ : 7'-2"
» Width :	.....	20 yd ³ : 8'-2" 30 yd ³ : 8'-2"
» Length:	.....	20 yd ³ : 23'-9" 30 yd ³ : 23'-9"
» Dewatering Surface Area*	.....	20 yd ³ : approx. 290 sq. ft. 20 yd ³ Turbo: approx. 370 sq. ft. 30 yd ³ : 360 sq. ft. 30 yd ³ Turbo: 520 sq. ft.
» Empty Weight:	.....	20 yd ³ : 9,200 – 9,700 lbs. 30 yd ³ : 10,500 – 11,000 lbs.

* Includes sides, floor, dividing wall (Turbo), front wall and container door

STRUCTURAL DESIGN

» Side Walls:	.....	3/16" A36 carbon steel plate
» Floor:	.....	1/4" A36 carbon steel
» Rear Door:	.....	3/16" A36 carbon steel
» Rails:	.....	(2)- 6x2x3/8 outer rail design cable hoist

FEATURES

» Drains:	.....	Two 3" drains with male camlocks and caps located on bottom of door. All liquid drains through door.
» Hinges:	.....	20 yd ³ - (2) 30 yd ³ - (3)
» Front Rollers:	.....	(2) – 4" x 6"
» Bottom Slope:	.....	Three inch slope from front to rear door
» Filter Hooks:	.....	Filter cloth support hooks – (6) on each side, (4) on front panel and (4) on door
» Cleanout Space:	.....	Three inches along side walls and five inches above floor.
» Filter Basket:	.....	38W – 1" x 3/16" galvanized bar grating welded to container (78% open area)
» Screen:	.....	150-micron filter cloth (consumable), non-woven polypropylene, or a 30x40 mesh woven polypropylene custom sewn to fit contour of box.
» Filter Support:	.....	5-mesh 304 stainless steel wire (58.5% open area) riveted with 304 SS rivets to a 304 SS strip welded to the bar grating.
» Tarps:	.....	Optional – uses the same fitted tarp as currently used on Roll-Off's and Intermodals.

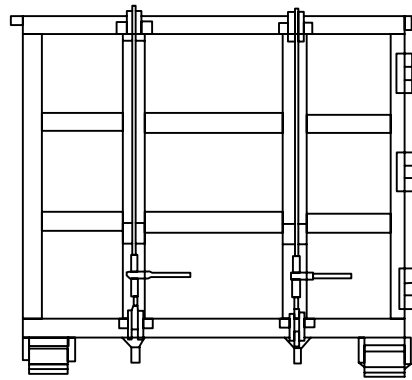
TURBO MODEL DETAILS

» Wall:	.....	Dividing wall is located down the center of the long axis of the tank
» Material:	.....	Dividing wall is 38W 4 – 1" x 3/16" bar grating
» Filter Support:	.....	5-mesh 304 stainless steel wire (58.5% open area) riveted with 304 SS rivets to a 304 SS strip welded to the bar grating.
» Drainage:	.....	Dividing wall drains to the floor

WEIGHTS AND MEASURES

➤ Capacity:	.....	20 yd ³ : 16 yd ³ filled to top 30 yd ³ : 26 yd ³ filled to top
➤ Height:	.....	20 yd ³ : 5'-2" 30 yd ³ : 7'-2"
➤ Width:	.....	20 yd ³ : 8'-2" 30 yd ³ : 8'-2"
➤ Length:	.....	20 yd ³ : 23'-9" 30 yd ³ : 23'-9"
➤ Legal Road Payload:	.....	20 yd ³ : 12-14 yd ³ (depends on material density)
➤ Dewatering Surface Area*	.....	20 yd ³ : approx. 290 sq. ft. 20 yd ³ Turbo: approx. 370 sq. ft. 30 yd ³ : 360 sq. ft. 30 yd ³ Turbo: 520 sq. ft.
➤ Empty Weight:	.....	20 yd ³ : 9,200 – 9,700 lbs. 30 yd ³ : 10,500 – 11,000 lbs.

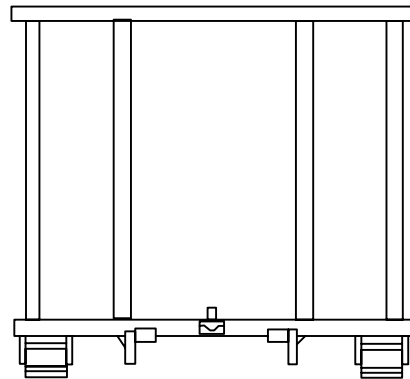
* Includes sides, floor, dividing wall (Turbo), front wall and container door



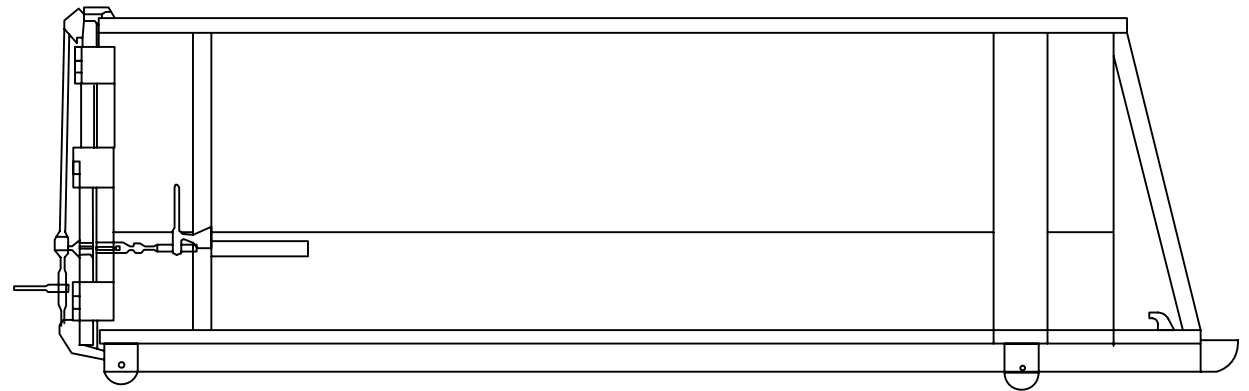
Door

REAR VIEW

Open top



FRONT VIEW



SIDE VIEW

NOTES:

1. This drawing is a general representation for this class of equipment. Refer to the Product Data Sheet for more detailed information.
2. Some units are available with a Turbocharge panel which increases the surface area by one third.

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BAKERCORP 3020 OLD RANCH PARKWAY
SEAL BEACH, CA 90740-2751

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C			
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A			
REV.	DESCRIPTION	DATE	BY

SCALE:	N.T.S.	SIZE:	A	ORIGINAL DWG. DATE:	26JAN06
DRAWN BY:	P.J.B.	APPROVED BY:	-	CAT/CLASS:	NA
TITLE:				SHEET	
SPECTRUM PHASE SEPARATOR				1 OF 1	
DRAWING NO.				REV.	
S-5-M0021-1-				0	