

### PRODUCT DATA SHEET

January, 2007

### SPECTRUM VACUUM DEWATERING 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 design increases surface area approximately 35%, which decreases dewatering time significantly.

#### WEIGHTS AND MEASURES

» Capacity:	.....	25 yd <sup>3</sup> filled to top; 21 yd <sup>3</sup> dewatering capacity
» Height:	.....	6'-7 1/4"
» Width :	.....	8'-0"
» Length:	.....	21'-9"
» Dewatering Surface Area*	.....	Approx. 392 sq. ft.
» Empty Weight:	.....	12,500 – 13,000 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
» Bottom Rails:	.....	(2)- 6x2x3/8 outer rail design cable hoist

#### FEATURES

» Drains:	.....	Two 3" drains with male camlocks and caps located on lower side towards rear of container.
» 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)
» Filter Cloth:	.....	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.

#### TURBO 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