

# SPECTRUM TRAILER MOUNTED PHASE SEPARATOR



## **Efficient Dewatering. Maximum Mobility.**

**Spectrum Water Technology's Turbo Phase Separator is an industry-leading dewatering box capable of fast, efficient dewatering of various types of sludge.** Polymer is mixed in with the sludge before it is processed through the phase separator using a polymer injection unit. Using gravity, the filter media within the Turbo retains the solids and allow the water to pass through and out the box's drainage ports. This discharge is clear, untreated liquid, ready for proper disposal. Once the sludge has been dewatered for 12-24 hours, the resulting cake is ready to pass a paint filter test and be disposed of in the nearest landfill.

Spectrum's trailer mounted Turbo Phase Separator offers the ultimate in convenience and mobility. The unit is available in many custom configurations and can be equipped with a tarp, a roof with hatchways, or an open top. All units are offered with or without polymer mixing and injection systems.

BEGINNING WASTE PERCENTAGE OF SOLIDS	BEGINNING WASTE VOLUME	PROCESSING TIME	DEWATERED CAKE PERCENTAGE OF SOLIDS	DEWATERED CAKE VOLUME	VOLUME REDUCTION
1% - 1.5%	10,000 Gallons	24 Hours	15% - 25%	1,000 Gallons (5 cu. yards)	85% - 95%

### PROCESSING CAPABILITIES (BASED ON 0-1.5% SOLIDS):

<b>5 cu. yd. Turbo Phase</b>	<b>5,000 gallons</b>
<b>7 cu. yd. Turbo Phase</b>	<b>7,000 gallons</b>
<b>11 cu. yd. Turbo Phase</b>	<b>12,000 gallons</b>
<b>15 cu. yd. Turbo Phase</b>	<b>15,000 gallons</b>
<b>20 cu. yd. Turbo Phase</b>	<b>20,000 gallons</b>
<b>25 cu. yd. Turbo Phase</b>	<b>25,000 gallons</b>
<b>30 cu. yd. Turbo Phase</b>	<b>30,000 gallons</b>
<b>40 cu. yd. Turbo Phase</b>	<b>40,000 gallons</b>

### EFFICIENTLY DEWATER

- DIGESTED SLUDGE -
- ALUM SLUDGE -
- GREASE TRAP WASTE -
- SEPTIC TANK WASTE -

*\*Calculations based on sludge containing 1% solids. Results may vary according to sludge characteristics.*

*Engineered drawings available upon request.*



*Our mission is to provide the industrial water and wastewater market with customized solutions to complex problems, from treatment process areas to wastewater and sludge dewatering. We take pride in increasing efficiency and decreasing costs and labor associated with waste streams in many different industries. For more information, visit [SpectrumWater.com](http://SpectrumWater.com)*

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