The Triflo Model 2000DSSSR has been designed specifically to accept feed directly from the dredge at a maximum rate of 2000 gpm. Triflo’s unique self contained solid removal technology separates solids from dredged slurry via a three stage system down to 25 um. In addition, the solids that are removed are dewatered to a stackable “pass paint filter” state, which can be readily moved with front end loader, conveyor and/or dump trucks. The effluent or discharged fluid is pumped off by a centrifugal pump. The separation process is continuous and operates completely mechanically without any chemical enhancement. The entire system is designed onto a “rock over” type trailer that is highway legal for ease of transporting.

Specifications:

**Dimensions**
- 53’L x 8’6”W x 13’6”H at highest point
- Three compartment crimp wall tank mounted on tandem axle rock over trailer.

**Tank**
- 53’L x 8’6”W x 13’6”H at highest point
- Three compartment crimp wall tank mounted on tandem axle rock over trailer.

**Electrical Requirements**
- 460v, 60 Hz, 3Ph, 350 Amps

**Thru put Capacity**
- 2000 gallons per minute, continuous.

**Solids Loading in Feed**
- 15% by weight for best performance

**Operator Station**
- Single NEMA 4 steel enclosure 36” x 36” x 10” allowing one person to control entire unit.

**Pumps**
- 75 hp motors driving 6 x 8 centrifugal with hardened impellers

**Solid Separation Equipment**
- Two Triflo Scalping Shakers model 148E, two Triflo 2-10/146E Desanders Shakers and two Triflo 16-4/146E Desilter Shakers

**Agitators**
- Two 7.5Hp with 32” Impeller

**Mud Guns**
- Two Triflo 2” Mud Guns
  - Three telescopic halogen lights
  - Collapsible, partial wrap around catwalk with removable stairs and handrails