



## 2000 GPM Dredged Slurry Separation System



The IMS Model 2000DSSSR has been designed specifically to accept feed directly from the dredge at a maximum rate of 2000 gpm. IMS'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:

<b>Dimensions</b>	45'L x 8'W x 13'4" at highest point	<b>Operator Station</b>	Single NEMA 4 steel enclosure 36" x 36" x 10" allowing one person to control entire unit.
<b>Tank</b>	Three compartment crimp wall tank mounted on tandem axle rock over trailer.	<b>Pumps</b>	Three side pocket mounted 6x8 75Hp with hardened impeller.
<b>Electrical Requirements</b>	460v, 60 Hz, 3Ph, 350 Amps	<b>Solid Separation Equipment</b>	Two IMS Scalping Shakers model 148E, two IMS 2-10/ 146E Desanders Shakers and two IMS 16-4/146E Desilter Shakers
<b>Thru put Capacity</b>	2000 gallons per minute, continuous.	<b>Agitators</b>	Two 7.5Hp with 32" Impeller
<b>Solids Loading in Feed</b>	15% by weight for best performance	<b>Mud Guns</b>	Two IMS 2" Mud Guns <ul style="list-style-type: none"> <li>• Three telescopic halogen lights</li> <li>• Collapsible, partial wrap around catwalk with removable stairs and handrails</li> </ul>

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