

The background of the image is a light gray surface covered with numerous water droplets of various sizes. The droplets are clear and have highlights, giving them a three-dimensional appearance. They are scattered across the entire frame, with some larger droplets and many smaller ones.

**Trifile**

**A 39 year old Original Equipment  
Manufacturer.**

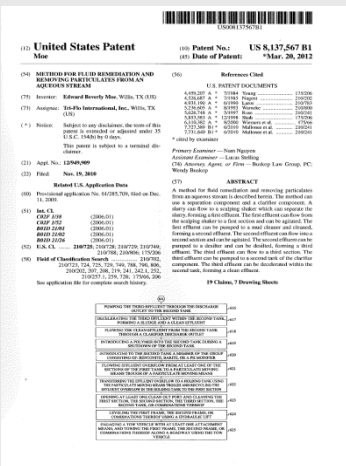
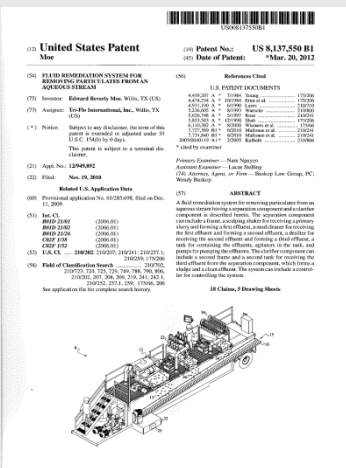
**Specializing in Solids Control and  
De-Watering Solutions.**

**Engineered to Order Design  
Services**

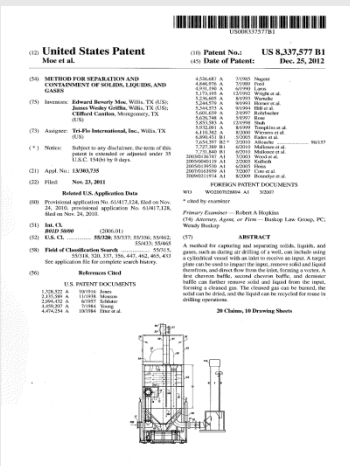
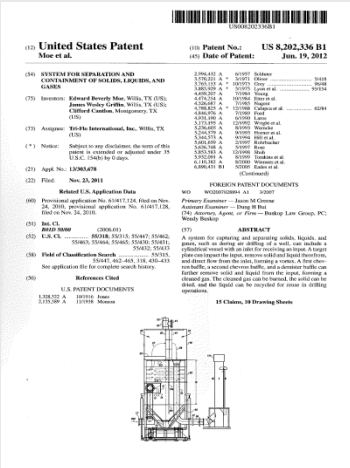
**and**

**Turnkey Manufacturing Services.**

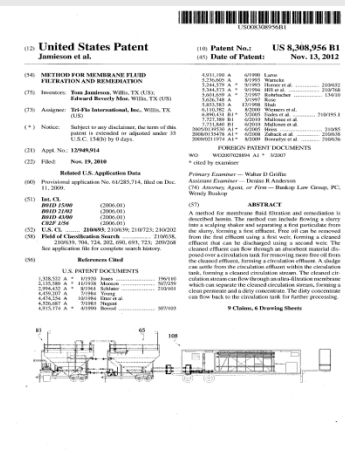
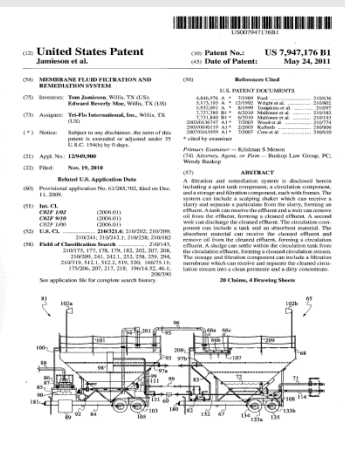
## United States Patent for “FLUID REMEDIATION SYSTEM and METHOD FOR REMOVING PARTICULATES FROM AN AQUEOUS STREAM”

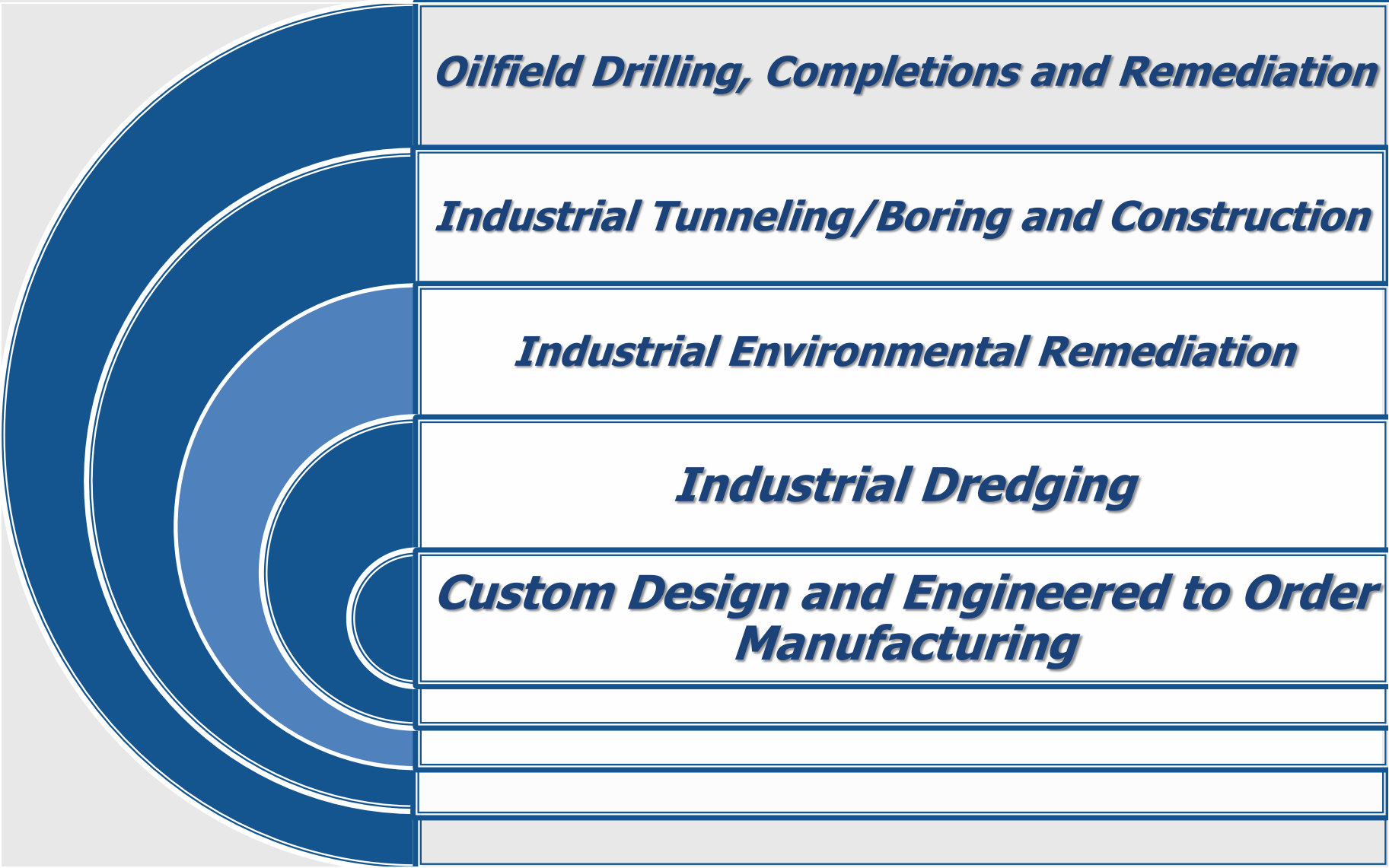


## United States Patent for “SYSTEM and METHOD FOR SEPARATION AND CONTAINMENT OF SOLIDS, LIQUIDS AND GASES”



## United States Patent for “MEMBRANE FLUID FILTRATION AND REMEDIATION SYSTEM and METHOD FOR FILTRATION AND REMEDIATION SYSTEM”





**Provide quality products and service that meet or exceed the need of the customer at a competitive price.**

## **Quality Statement**

### **Triflo “Committed to Quality”**

**Triflo International, Inc. is committed to a Quality Management System maintained to assure that all quality-related responsibilities are fulfilled in an effective, efficient and systematic manner through our dedication to a never-ending process of total quality excellence.**



## OUR PRODUCTS



Environmental Systems



Micro Fluid Systems



Solids Control Equipment



Pumps



Design and Engineering Services



Engineered to Order Manufacturing



24/ 7 Parts, Service and Support



# Environmental Systems



**ES300**

**ES500**

**ES1000**

**ES2000**

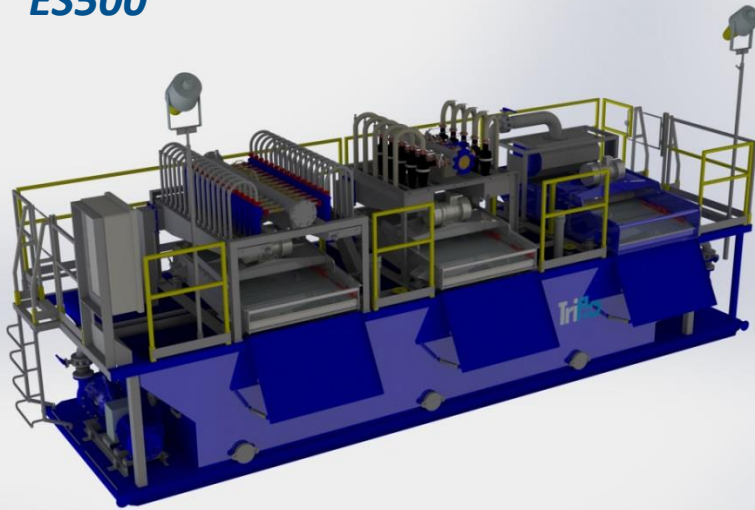
**Covered under Triflo's United States Patent for "FLUID REMEDIATION SYSTEM and METHOD FOR REMOVING PARTICULATES FROM AN AQUEOUS STREAM "** Triflo's E.S.

or Environmental System product line is a **Three Stage** liquid-solids separation system that separates solids from pumpable slurries or aqueous stream down to a nominal 10 um (micron) cut point at processing rates ranging from 300 to 2000 gallons per minute or (GPM). This type of solids separation or De-Watering system is used more commonly on environmental remediation, dredging, pit remediation or tank bottom/slop oil processing.





**ES500**



**ES500**



## **ES500 Tech Data**

<b>Over All Dimensions:</b>	30' Long x 8' 5" Wide and 10'7" Tall
<b>Tank Capacity:</b>	5505 Gallons
<b>Processing Rate:</b>	500 Gallons Per Minute
<b>Cut Point:</b>	10 um or Micron
<b>Cuttings Moisture Content:</b>	30% at 20% Solids Loading

# Environmental Systems



**ES2000**



**ES2000**



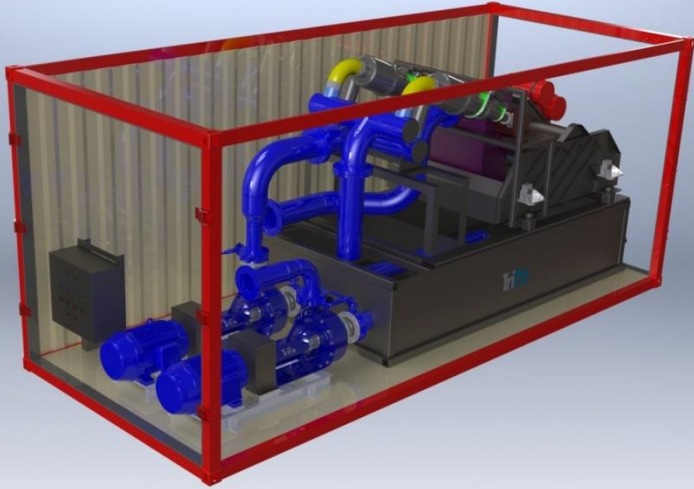
## **ES2000 Tech Data**

<b>Over All Dimensions:</b>	53' Long x 8' 5" Wide and 13'6" Tall
<b>Tank Capacity:</b>	9000 Gallons
<b>Processing Rate:</b>	2000 Gallons Per Minute
<b>Cut Point:</b>	25 um or Micron
<b>Cuttings Moisture Content:</b>	30% at 20% Solids Loading

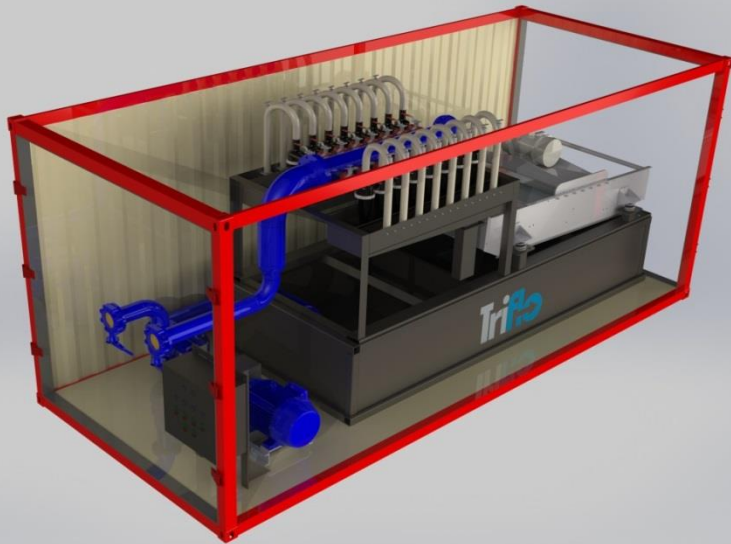
# Environmental Systems



*ES1000C Scalping, De-Sanding Cube*



*ES1000C De-Silting Cube*



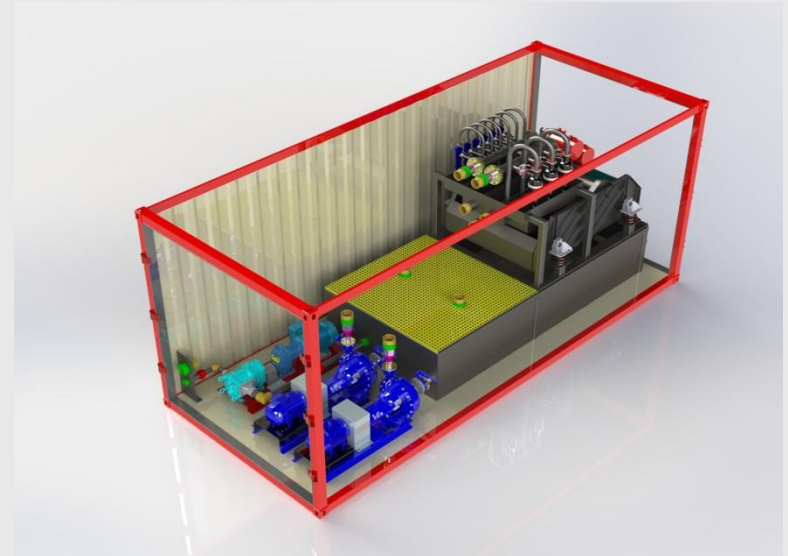
## *De-Watering Cubes*

*Configurable and fully containerized De-Watering Cubes ready for domestic or international De-watering projects.*

### *Tech Data*

Over All Detentions:	20' Shipping Container
Tank Capacity:	300 Gallons
Processing Rate:	50 to 1000 Gallons Per Minute
Cut Point:	75 to 10 um (micron)
Cuttings Moisture Content:	30% at 20% Solids Loading

*ES200C3P Three phase De-Watering  
Cube Rated at 200 GPM with a 10  
um (micron) cut point.*





# Micro Fluid Systems



The **Triflo MFS or Micro Fluid System** has been designed specifically to accept feed directly from the cuttings pit using a submersible pit pump in an Horizontal Directional Drilling, Boring or other industrial scenario.

The primary purpose of an **"MFS"** system is to allow the contractor to **MIX** drill mud and additives, **REMOVE** cuttings (solids) from drill mud stream allowing for drill mud **RE-USE** and **DRYING** removed solids for safe transportation or disposal.

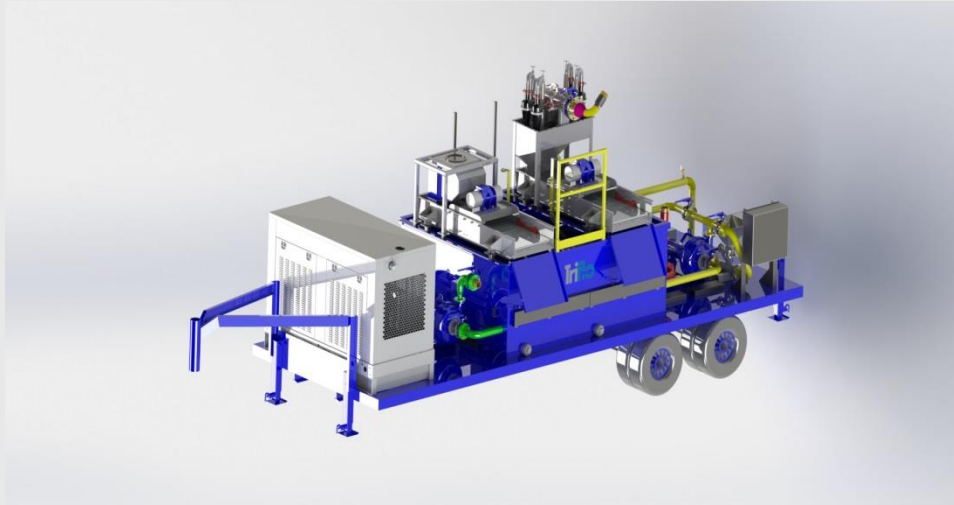
**NO LEACHING WATER**  
**NON PERMITTED LOAD**  
**EASY RIG UP/ RIG DOWN**



# Micro Fluid Systems



## MFS1500



## MFS1500



## MFS1500 Tech Data

<b>Trailer:</b>	24' Long x 8' 4" Wide dual axle 25,000 Lbs. capacity with electric breaks.
<b>Over All Dimensions:</b>	33' Long x 8' Wide and 13'6" Tall
<b>Over All Weight:</b>	20,000 Lbs.
<b>Tank Capacity:</b>	1,600 Gallons integrated with trailer
<b>Processing Rate:</b>	260 Gallons Per Minute
<b>Cut Point:</b>	25 um or Micron
<b>Cuttings Moisture Content:</b>	30% at 20% Solids Loading



# Micro Fluid Systems



**MFS3000**



**MFS3000**



## **MFS3000 Tech Data**

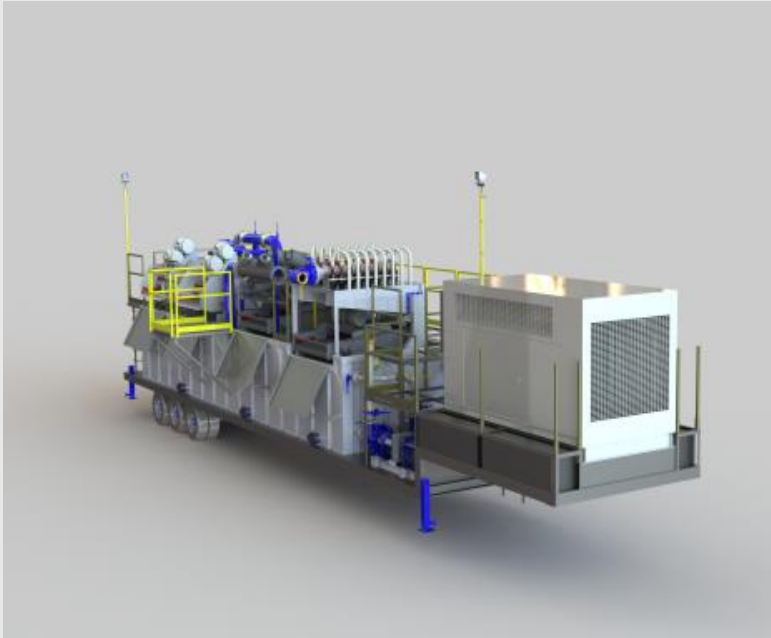
<b>Trailer:</b>	33' Long x 8' Wide triple axle 30,000 Lbs. capacity with electric breaks.
<b>Over All Dimensions:</b>	33' Long x 8' Wide and 13'6" Tall
<b>Over All Weight:</b>	28,500 Lbs.
<b>Tank Capacity:</b>	3,800 Gallons integrated with trailer
<b>Processing Rate:</b>	500 Gallons Per Minute
<b>Cut Point:</b>	25 um or Micron
<b>Cuttings Moisture Content:</b>	30% at 20% Solids Loading



# Micro Fluid Systems



## MFS8000



## MFS8000



## MFS8000 Tech Data

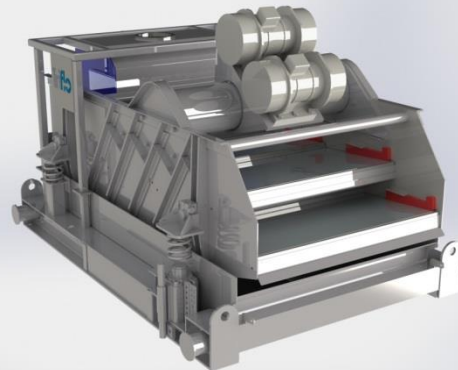
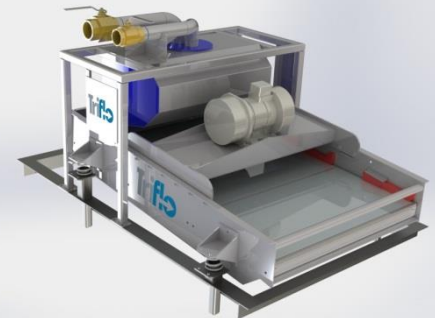
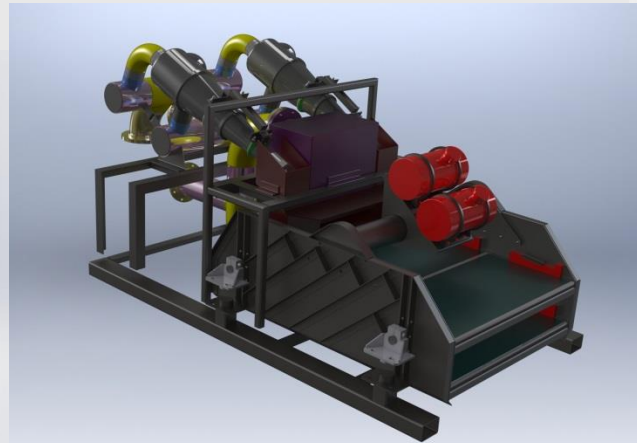
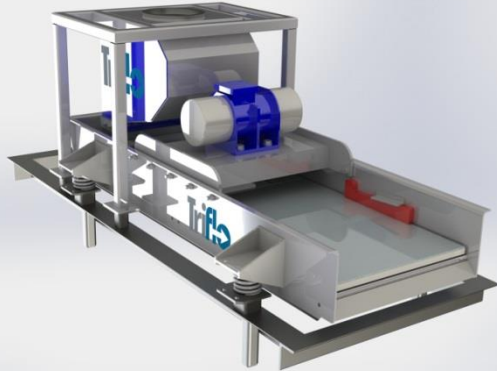
<b>Trailer:</b>	33' Long x 8' Wide triple axle 30,000 Lbs. capacity with electric breaks.
<b>Over All Dimensions:</b>	33' Long x 8' Wide and 13'6" Tall
<b>Over All Weight:</b>	28,500 Lbs.
<b>Tank Capacity:</b>	3,800 Gallons integrated with trailer
<b>Processing Rate:</b>	500 Gallons Per Minute
<b>Cut Point:</b>	25 um or Micron
<b>Cuttings Moisture Content:</b>	30% at 20% Solids Loading



# Solids Control Equipment



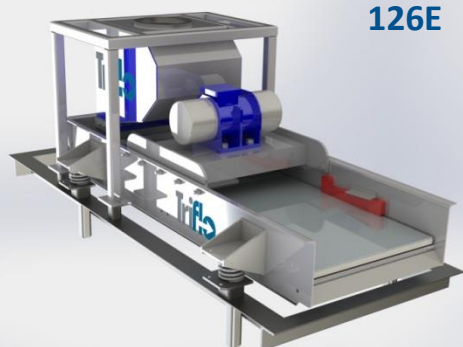
Triflo's Solids Control Equipment is the most tried and true part of Triflo's 39 year old product line. All Solids Control Equipment is engineered, designed and manufactured at our plant in Willis Texas. Triflo's Shale Shakers are available in Un-Balanced Elliptical and Liner Motion and allow for anyone of Triflo's De-Sanders or De-Silters to be mounted over the shaker.



# Elliptical Shakers



## Unbalanced Elliptical Motion



**126E**

### 126E Tech Data

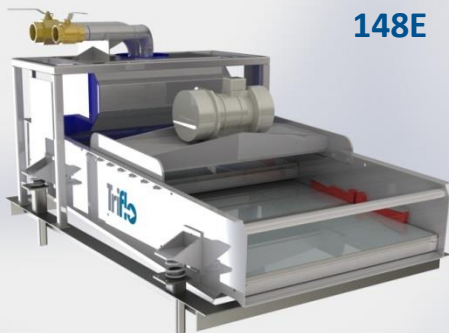
Detentions:	7'8" L x 3'5" W x 5'9" T
Weight:	1170 Lbs.
Processing Rate:	500 GPM
Screen Size:	2 - 2' X 3' or 12 Sq. Ft.
Electrical:	230/ 460 V, 50/60 Hz.
Motor:	.56 Hp. XP or Non XP



**146E**

### 146E Tech Data

Detentions:	8'6" L x 5'5" W x 5'9" T
Weight:	2228 Lbs.
Processing Rate:	750 GPM
Screen Size:	3 - 2' X 4' or 24 Sq. Ft.
Electrical:	230/ 460 V, 50/60 Hz.
Motor:	2.3 Hp. XP or Non XP



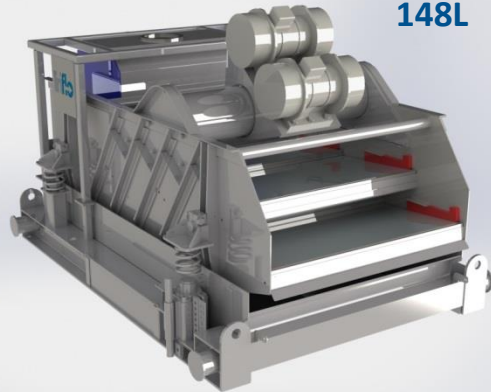
**148E**

### 148E Tech Data

Detentions:	8'8" L x 6'4" W X 5'9" T
Weight:	2600 Lbs.
Processing Rate:	1000 GPM
Screen Size:	4 - 2' X 4" or 32 Sq. Ft.
Electrical:	230/ 460 V, 50/60 Hz.
Motor:	2.3 Hp. XP or Non XP

# Liner Shakers

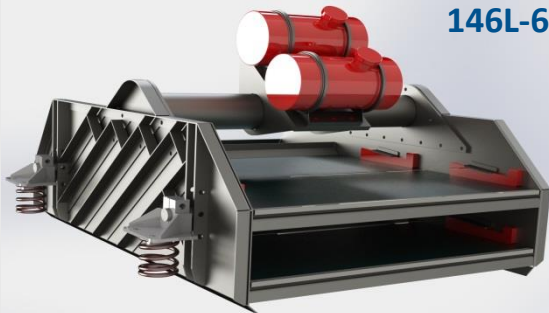
## Liner Motion



**148L**

### *148L Tech Data*

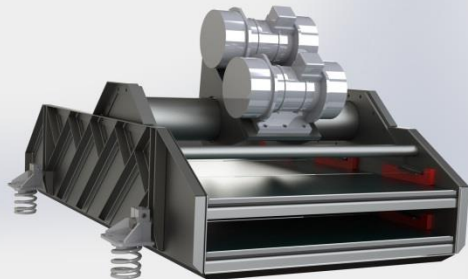
<b>Detentions:</b>	7' L x 3' W and 5'9" T
<b>Weight:</b>	4735 Lbs.
<b>Processing Rate:</b>	750 GPM
<b>Screen Size:</b>	2 - 2' X 31 or 12 Sq. Ft.
<b>Electrical:</b>	230/ 460 V, 50/60 Hz.
<b>Motor:</b>	56 Hp. XP or Non XP



**146L-6**

### *146L-6 Tech Data*

<b>Detentions:</b>	6'4" L x 5'9" W X 4'4" T
<b>Weight:</b>	1846 Lbs.
<b>Processing Rate:</b>	500 GPM
<b>Screen Size:</b>	5 - 2' X 4' or 40 Sq. Ft.
<b>Electrical:</b>	230/ 460 V, 50/60 Hz.
<b>Motor:</b>	2.3 Hp. XP or Non XP



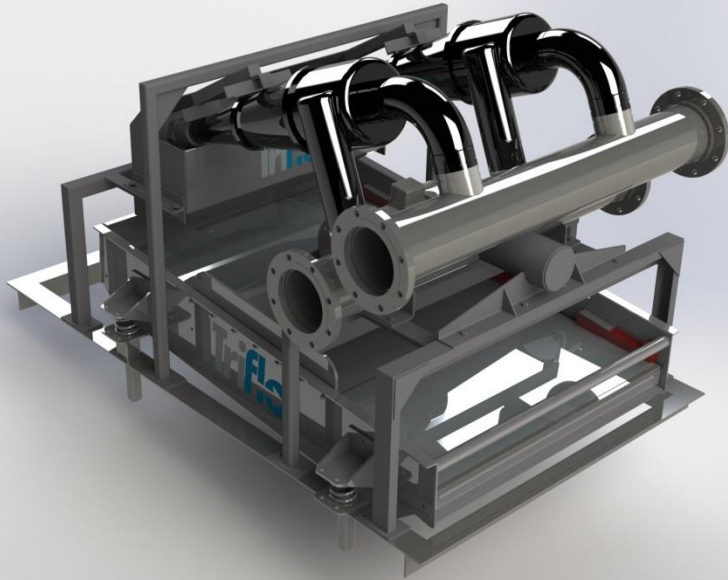
**148L-8**

### *148L-8 Tech Data*

<b>Detentions:</b>	8'5" L x 5'9" W X 4'6" T
<b>Weight:</b>	1950 Lbs.
<b>Processing Rate:</b>	750 GPM
<b>Screen Size:</b>	7 - 2' X 31 or 56 Sq. Ft.
<b>Electrical:</b>	230/ 460 V, 50/60 Hz.
<b>Motor:</b>	2.3 Hp. XP or Non XP



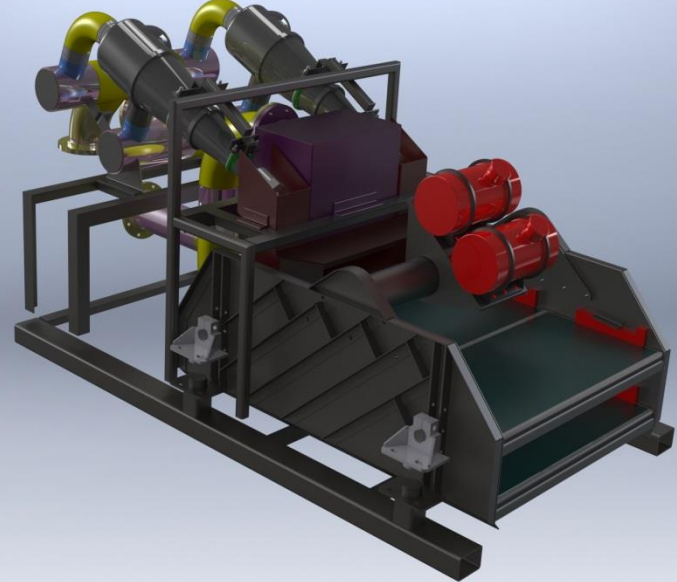
**146E or 148E/ 2-10 De-Sander**



## *De-Sander Tech Data*

<b>Over All Detentions:</b>	8'2" L x 6' W x 4'6" T
<b>Weight:</b>	3,335 Lbs.
<b>Processing Rate:</b>	1000 Gallons Per Minute
<b>Shaker and Cones:</b>	146E with 2-10 Cyclones
<b>Cut Point:</b>	75 um or Micron
<b>Cuttings Moisture Content:</b>	30% at 20% Solids Loading

**146L or 148L/ 2-10 De-Sander**



## *De-Sander Tech Data*

<b>Over All Detentions:</b>	10' Long x 6' Wide x 4'6" Tall
<b>Weight:</b>	3,835 Lbs.
<b>Processing Rate:</b>	1000 Gallons Per Minute
<b>Shaker and Cones:</b>	146L with 2-10 Cyclones
<b>Cut Point:</b>	75 um or Micron
<b>Cuttings Moisture Content:</b>	30% at 20% Solids Loading

# Mud Cleaners



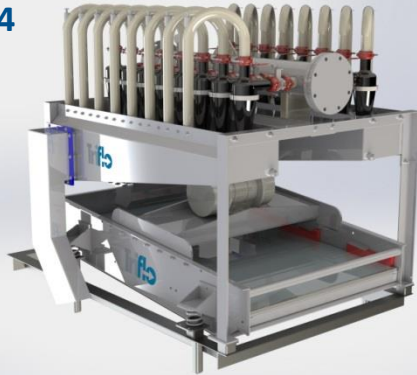
126E/ 8-4



## 126E/ 8-4 Mud Cleaner Tech Data

Over All Detentions:	7'8" L x 3'5" W x 5'9" T
Weight:	740 Lbs.
Processing Rate:	500 Gallons Per Minute
Shaker and Cones:	126E with 8-4" Cyclones
Cut Point:	25 um or Micron
Cuttings Moisture Content:	30% at 20% Solids Loading

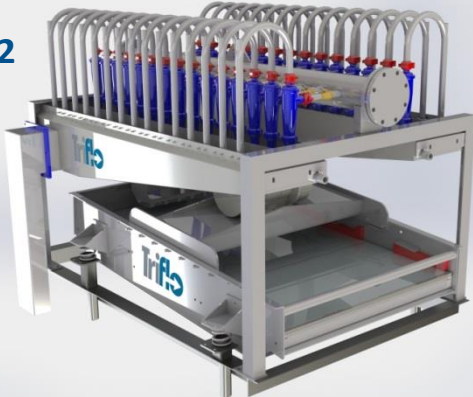
146E/ 16-4



## 146E/ 16-4 Mud Cleaner Tech Data

Over All Detentions:	8'6" L x 5'6" W x 6'1" T
Weight:	3389 Lbs.
Processing Rate:	1000 Gallons Per Minute
Shaker and Cones:	146E with 16-4" Cyclones
Cut Point:	25 um or Micron
Cuttings Moisture Content:	30% at 20% Solids Loading

146E/ 30-2



## 146E/ 30-2 Mud Cleaner Tech Data

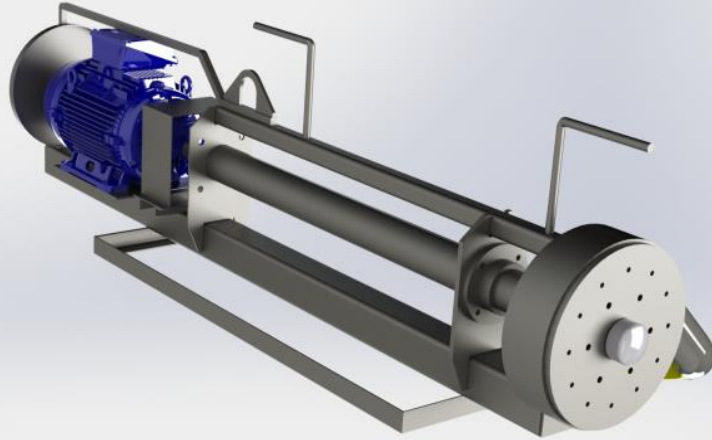
Over All Detentions:	8'6" L x 6'7" W x 6'0" T
Weight:	3237 Lbs.
Processing Rate:	500 Gallons Per Minute
Shaker and Cones:	146E with 30-2" Cyclones
Cut Point:	10 um or Micron
Cuttings Moisture Content:	30% at 20% Solids Loading



# Pumps



## *TFI Pit Pump*



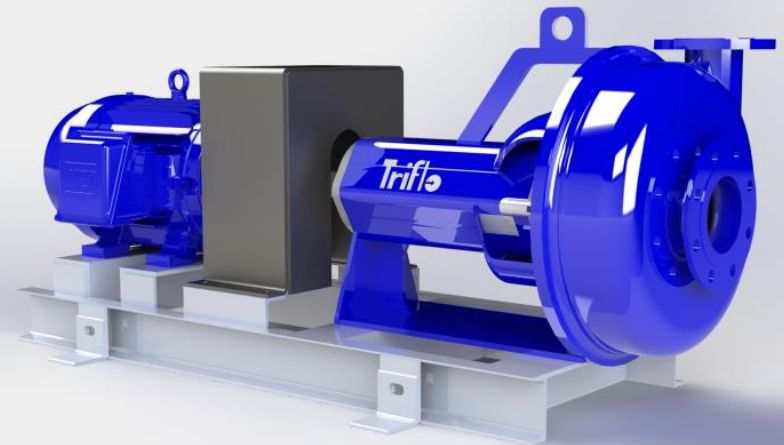
*Triflo's Semi Submersible Pit Pumps with sealed lower bearing providing longer pump life and the ability to operate on low grade angles or vertically making this the perfect Pit Pump.*

*Available in 2, 3, 4 and 6 inch and capable of flow rates of 150 to 500 gallons per minute.*

*Triflo's TFI175 or TFI250 Series Centrifugal Pump is another tried and true Triflo product. With 28 years of service on standard Triflo products this pump has yet to fail us.*

*Available in sizes ranging from:  
2 x 3 x 13/ 7.5 Hp. To 6 x 8 x 14/ 100 Hp. motor*

## *TFI 250 Series Centrifugal Pumps*



# Design Engineering



Triflo employs Professional SolidWorks Designers and Degraded Project Managers that can take your idea and turn it into reality. Through our plan your work, work your plan philosophy Triflo is able to insure a competitive pricing and on time delivery. All of which is supported by our one year written warranty.

**PROFESSIONAL**  
Mechanical  
Design

 **SOLIDWORKS**

**PROFESSIONAL**  
Drawing  
Tools

 **SOLIDWORKS**

**PROFESSIONAL**  
Sheet Metal

 **SOLIDWORKS**



## Custom CAD Designs





# Engineered to Order Manufacturing/ Fabrication



**Have you own drawings and need to outsource your manufacturing? No worries at all!**

Triflo will take your order and plug it into our OEM manufacturing process which will allow for excellent cost control and on time delivery with the same written warranty that come with all Triflo products.







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