



## FEATURES



### COMPACT MODULAR DESIGN

Engineered for mobility and ease of setup, the ES 300 is ideal for deployment in tight spaces across industries such as soil remediation, industrial cleaning, construction dewatering and wastewater treatment—offering reliable performance in diverse applications.



### MULTI-PHASE CONFIGURATION

The ES 300 combines an elliptical motion scalping shaker for larger solids, along with two elliptical motion shale shakers for fine particle separation. This setup improves fluid quality, optimizes solids control, and supports sustainable operations by reducing waste output.

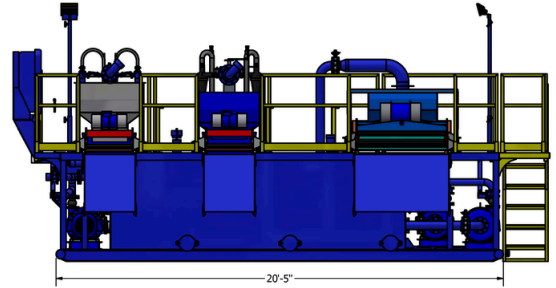
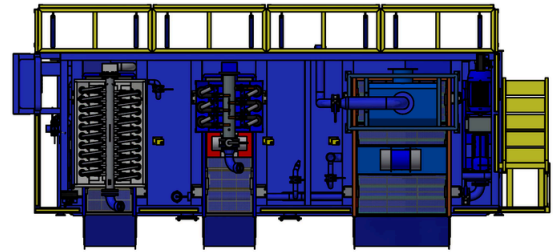
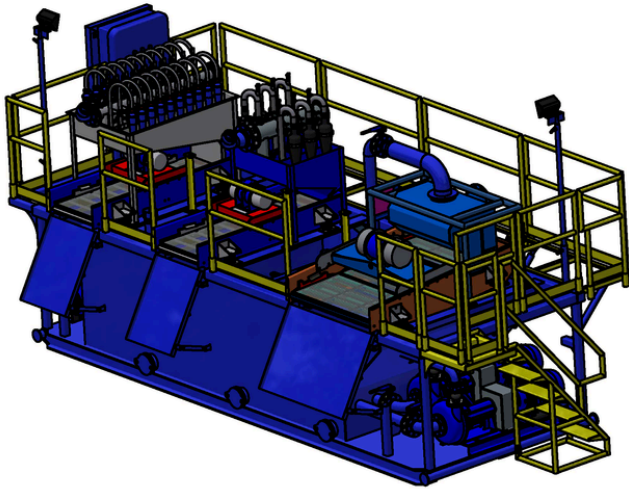


### OPTIMAL CLEANING EFFICIENCY

Equipped with six 4-inch desilter hydrocyclones and twenty 2-inch desilter hydrocyclones, the ES 300 effectively removes sand and coarse silts, achieving particle cut sizes as small as 10 $\mu$ , producing dry solids.

## 300 GPM DEWATERING SYSTEM 10-MICRON PARTICLE SEPARATION CAPABILITY

# ES 300



## EQUIPMENT

<b>SHAKERS</b>	1	TFI 146E Elliptical Motion Scalping Shaker 3 Screens Per Shaker Shaker Bed Area 24 ft <sup>2</sup> (2.3 m <sup>2</sup> ) Screen Size 25" x 49.3"
	2	TFI 126E Elliptical Motion Shakers 2 Screens Per Shaker Shaker Bed Area 12 ft <sup>2</sup> (1.1 m <sup>2</sup> ) Screen Size 25.13" x 36.88"
<b>DESILTERS</b>	6	4 in. (10.2 cm) Hydrocyclones
	20	2 in. (5.1 cm) Hydrocyclones
<b>PUMPS</b>	2	4x3 250 Series Centrifugal Slurry Pumps with 30HP Electric Motors
	1	4x3 250 Series Centrifugal Slurry Pump with 20HP Electric Motor
<b>MUD GUNS</b>	3	Stationary Mud Guns

## WEIGHT AND DIMENSIONS

<b>WEIGHT</b>	18000 lbs. (8165 kg)
<b>LENGTH</b>	20 ft 5 in. (6.2 m)
<b>WIDTH</b>	7 ft 5 in. (2.3 m)
<b>HEIGHT</b>	9 ft 8 in. (2.9 m)

## TANK CAPACITIES

<b>MAX CAPACITY</b>	2699 gal (10.2 kL)
<b># OF TANKS</b>	3
<b>SCALPER TANK</b>	944 gal (3.6 kL)
<b>DESILTER TANK 1</b>	870 gal (3.3 kL)
<b>DESILTER TANK 2</b>	885 gal (3.4 kL)

## GENERAL SPECIFICATIONS

<b>INLET SIZE</b>	3 in. (7.62 cm)
<b>OUTLET SIZE</b>	3 in. (7.62 cm)
<b>CONTROL PANEL</b>	Centralized Weatherproof NEMA 4x Control Panel
<b>POWER REQUIREMENTS</b>	120 AMPS
<b>CORROSION CONTROL</b>	Chemical/Abrasion Resistant Mastic Tank Lining
<b>FRAME TYPE</b>	Skidded
<b>LIGHTING</b>	2 Telescoping LED Work Lights

## OPTIONAL ADD-ONS

<b>PIT PUMP</b>	TFI 3 in. Semi-Submersible
<b>GENERATOR</b>	120kW 460v/60Hz
<b>TRAILER</b>	Gooseneck/Pintle/Integrated
<b>WIRED REMOTE</b>	Pit Pump/Charge Pump
<b>WINTERIZATION</b>	Tank Heaters, Pipe Insulation +
<b>BRANDING</b>	Custom Colors and Logos
<b>ELECTRICAL</b>	XP Package

TRIFLO INTERNATIONAL RESERVES THE RIGHT TO MAKE CHANGES IN ENGINEERING, DESIGN AND SPECIFICATIONS; ADD IMPROVEMENTS; OR DISCONTINUE MANUFACTURING AT ANY TIME WITHOUT NOTICE OR OBLIGATION. EQUIPMENT AND DEPICTIONS SHOWN ARE FOR ILLUSTRATIVE PURPOSES ONLY AND MAY DISPLAY OPTIONAL ACCESSORIES OR COMPONENTS SPECIFIC TO CERTAIN MARKETS OR REGIONS.

© 2025 TRIFLO INTERNATIONAL. ALL RIGHTS RESERVED. PRINTED IN THE U.S.A. PLEASE RECYCLE

