



FEATURES



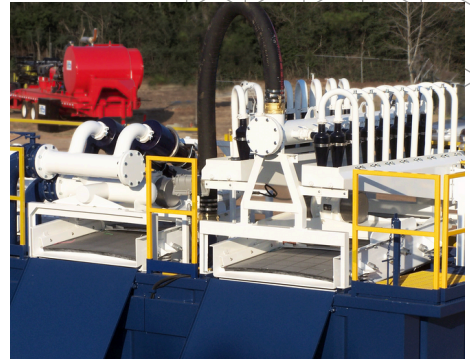
HIGH PROCESSING CAPACITY

Handling up to 1,000 GPM, the ES 1000 maximizes productivity and ensures efficient operation for high-demand projects like dredging, slurry management, environmental cleanup and wastewater treatment.



DESIGNED FOR EASY TRANSPORT AND SETUP

The Rockover design of the ES 1000 enables easy tilting for smooth transport and quick deployment. Designed as a non-permit load, it streamlines logistics, cutting down on transportation costs and reducing setup time for fast, efficient mobilization.

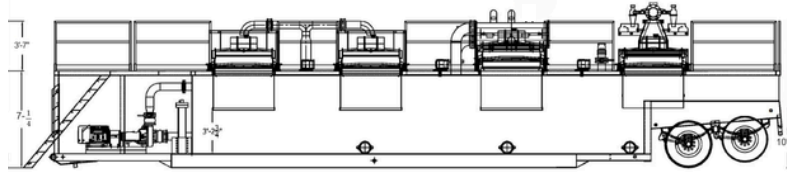
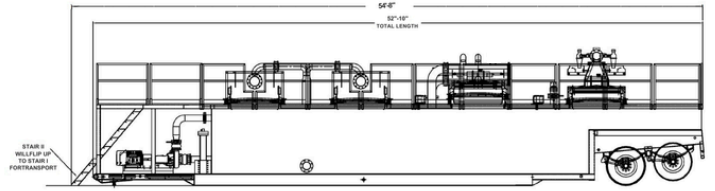
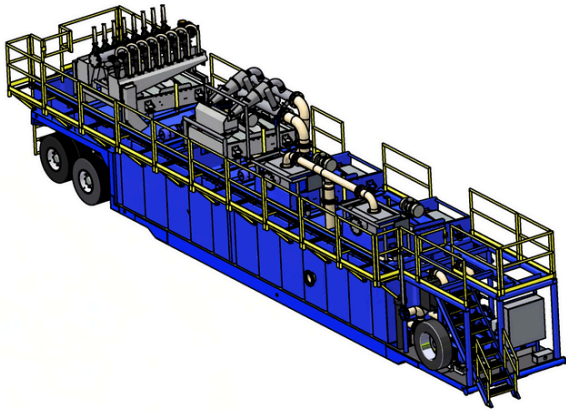


OPTIMAL CLEANING EFFICIENCY

Equipped with two 10-inch desander hydrocyclones and sixteen 4-inch desilter hydrocyclones, this system effectively captures both coarse and fine solids, ensuring optimal fluid quality and extending the longevity of the equipment.

1000 GPM DEWATERING SYSTEM 24-MICRON PARTICLE SEPARATION CAPABILITY

ES 1000



EQUIPMENT

SHAKERS	2	TFI 148E Elliptical Motion Scalping Shakers 4 Screens Per Shaker Shaker Bed Area 32 ft ² (3 m ²) Screen Size 25" x 49.3"
	2	TFI 146E Elliptical Motion Shakers 3 Screens Per Shaker Shaker Bed Area 24 ft ² (2.3 m ²) Screen Size 25" x 49.3"
DESANDERS	2	10 in. (25.4 cm) Hydrocyclones
DESILTERS	16	4 in. (10.2 cm) Hydrocyclones
PUMPS	2	5x6 250 Series Centrifugal Pumps with 50HP Electric Motors
	1	6x8 250 Series Centrifugal Pump with 75HP Electric Motor
AGITATORS	3	10HP Agitators with 32" Paddle Blades
MUD GUNS	2	Stationary Mud Guns

WEIGHT AND DIMENSIONS

WEIGHT	53000 lbs (24040 kg)
LENGTH	52 ft. 10 in. (16.1 m)
WIDTH	8 ft. 6 in. (2.6 m)
HEIGHT	10 ft. 7¼ in. (3.2 m)

TANK CAPACITIES

MAX CAPACITY	9454 gal (35.8 kL)
# OF TANKS	3
SCALPER TANK	4067 gal (15.4 kL)
DESANDER TANK	2845 gal (10.8 kL)
DESILTER TANK	2542 gal (9.6 kL)

FRAME

TYPE	Rockover
SUSPENSION	Leaf Spring
AXLES	Dual 25K Tandem

GENERAL SPECIFICATIONS

INLET SIZE	8 in. (20.3 cm)
OUTLET SIZE	6 in. (15.2 cm)
CONTROL PANEL	Centralized Weatherproof NEMA 4x Control Panel
POWER REQUIREMENTS	270 AMPS
CORROSION CONTROL	Chemical/Abrasion Resistant Mastic Tank Lining
FRAME TYPE	Rockover
LIGHTING	3 Telescoping LED Work Lights

OPTIONAL ADD-ONS

GENERATOR	275kW 460v/60Hz
FRAME TYPE	Skidded
WINTERIZATION	Tank Heaters, Pipe Insulation +
BRANDING	Custom Colors and Logos
ELECTRICAL	XP Package

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