



FEATURES



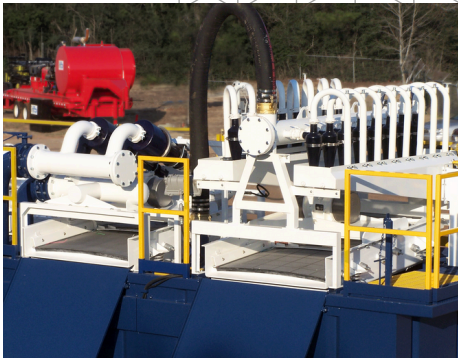
**HIGH PROCESSING
CAPACITY**

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



**DESIGNED FOR EASY
TRANSPORT AND SETUP**

The Rockover design of the ES 1000R 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.

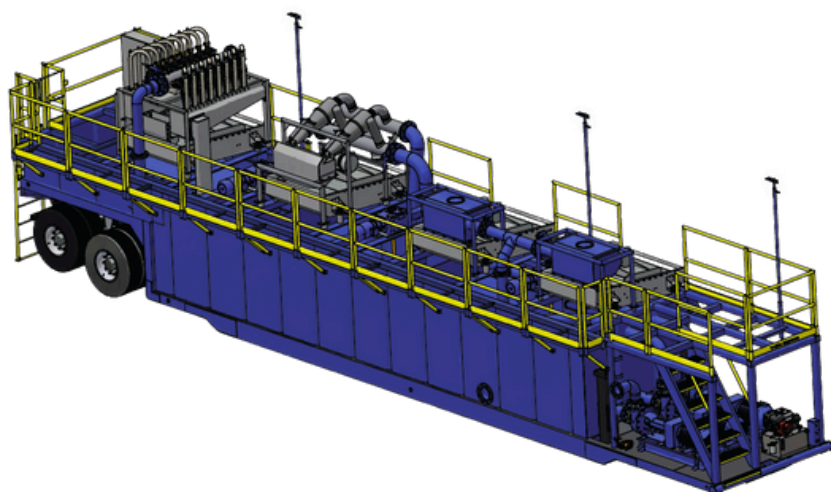


**OPTIMAL CLEANING
EFFICIENCY**

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 equipment.

**1000 GPM DEWATERING SYSTEM
24-MICRON PARTICLE SEPARATION CAPABILITY**

ES 1000R



EQUIPMENT

SHAKERS	4	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"
DESANDER	2	10 in. (25.4 cm) Hydrocyclones
DESILTER	16	4 in. (10.2 cm) Hydrocyclones
PUMPS	3	5x6 250 Series Centrifugal Pumps with 50HP Electric Motors
AGITATORS	3	7.5HP Agitators with 32" Paddle Blades

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	235 AMPS
CORROSION CONTROL	Chemical/Abrasion Resistant Mastic Tank Lining
FRAME TYPE	Rockover
LIGHTING	3 Telescoping LED Work Lights
TRANSPORT	Hydraulic Jacking System Quick coupling/uncoupling from tractor-trailer

WEIGHT AND DIMENSIONS

WEIGHT	34418 lbs. (15611.8 kg)
LENGTH	53 ft. 5 in. (16.3 m)
WIDTH	8 ft. 6 in. (2.6 m)
HEIGHT	12 ft. 10 in. (3.9 m)

TANK CAPACITIES

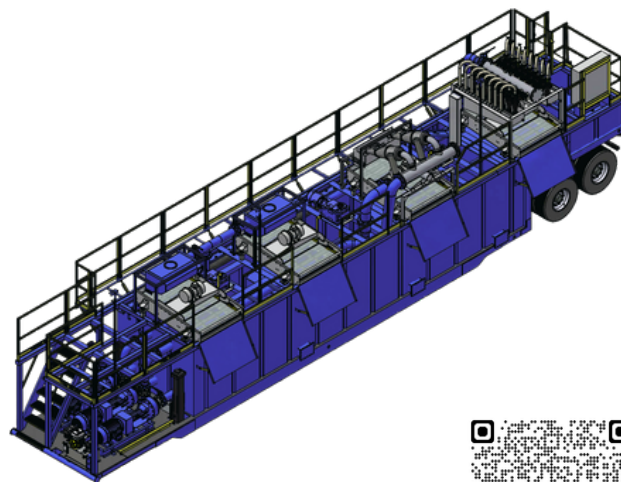
MAX CAPACITY	9453 gal (35.8 kL)
# OF TANKS	3
SCALPER TANK	3800 gal (14.4 kL)
DESANDER TANK	3120 gal (11.8 kL)
DESILTER TANK	2533 gal (9.6 kL)

FRAME

TYPE	Rockover
SUSPENSION	Leaf Spring
AXLES	Dual 30K Tandem

OPTIONAL ADD-ONS

GENERATOR	225kW 460v/60Hz
FRAME TYPE	Skidded
WINTERIZATION	Tank Heaters Pipe Insulation
BRANDING	Custom Colors Logos
ELECTRICAL	XP Package



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