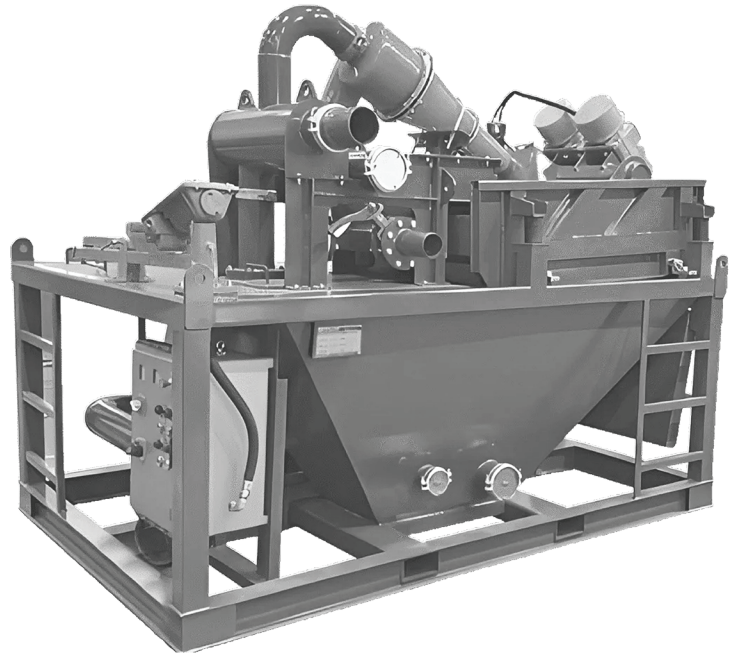


The Desander system efficiently removes abrasive solids and fine particles from drilling slurry using centrifugal force separation technology. Designed to improve slurry performance and reduce equipment wear, the unit supports cleaner and more efficient drilling operations across foundation, piling, trenching, and HDD applications.

Built with a compact modular design and durable wear-resistant components, the Desander delivers reliable performance across a wide range of site conditions.



FEATURES

Wear-Resistant Cyclones	High-quality PU cyclone material for improved abrasion resistance and longer service life
Electrical Control Panel	Explosion, water, and dust-proof control panel with SIEMENS or Schneider components
Vibration Motors	Optional Italy OLI or US Martin vibration motors
Compact Design	Compact structure with flexible assembly options
Flexible Configuration	Optional with or without shale shaker
Adjustable G-Force	G-force adjustable up to 7.5G

SPECIFICATIONS

Description	FD-200D	FD-500D	FD-1000D
Capacity	50m ³ /h (200GPM)	120m ³ /h (500GPM)	240m ³ /h (1000GPM)
Cut Point	25 Microns	40 Microns	40 Microns
Mud Cleaner	GNZY753E-Y4NF	GNZY753E-Y1S	GNZY705E-Y2S
Vibration Strength	7.5G (adjustable)	7.5G (adjustable)	7.5G (adjustable)
Upper Screen Area	1.35m ²	1.35m ²	2.60m ²
Bottom Screen Area	0.875m ²	0.875m ²	1.75m ²
Desilter Size	4 inches	10 inches	10 inches
Cone Number	4 pcs	1 pc	2 pcs
Centrifugal Pump	GNSB4×3A (11kW)	GNSB6×5A (37kW)	GNSB8×6A (55kW)
Total Power	14kW	39kW	59kW
Transport Dimensions (L×W×H)	3103×2046×2637	3103×2050×2441	3780×2162×2612
Operation Dimensions (L×W×H)	3506×2054×3746	3506×2050×3721	4176×2162×3796
Total Weight	2700kg	2850kg	3700kg

APPLICATIONS

The Desander system is suitable for a wide range of drilling and slurry separation applications including bored piling, diaphragm wall construction, trenching, horizontal directional drilling (HDD), tunnelling, oil and gas drilling, and civil foundation works. It is designed to improve slurry performance, reduce abrasive wear, and support cleaner, more efficient site operations.

For more information about the Desander system or to discuss your project requirements, contact the team at CESCO Equipment. Our specialists can assist with product selection, technical advice, and customised slurry treatment solutions for drilling and foundation applications.