






ETHOS

CENTRIFUGES

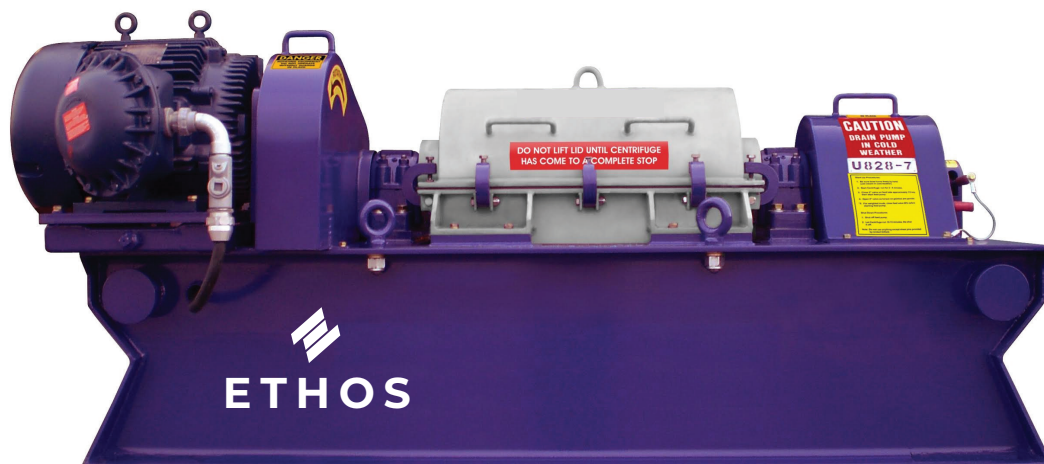
Ethos, through a partnership with United Centrifuge Manufacturing, provides three different centrifuges manufactured to meet the unique needs of each client: the SS800 (18" x 28"), SS1000 (18" x 50"), and the SS2000 (21" x 72"). Ethos can also custom manufacture centrifuges to meet specific client requirements.

FEATURES OF ALL OUR CENTRIFUGES

-  **EASY USE, EASY MAINTENANCE** The LCD touch panel makes Ethos centrifuges and feed pumps easy to control and adjust RPM'S, even during operation, ensuring maximum performance. This is particularly useful for variable feed slurries. The touch panel also makes maintenance easy and straightforward.
-  **SUPERIOR FEATURES** With the motor and rotating assembly being completely separate components, the repair and replacement of these parts can be done on location with the use of a forklift in less than one hour, minimizing downtime and cost.
-  **ONE-OF-A-KIND FEED CHAMBER** Patented in Canada and USA the United acceleration plate forces the slurry to the outside of the bowl allowing the entire length of the bowl to be used to separate fluid and solids. This is the only centrifuge that can do this.

SS800

IDEAL FOR ABRASIVE,
SANDY CONDITIONS



SS800 CENTRIFUGE

Although intended primarily for use in the environmental waste management industry, the SS800 can also be used for other applications. It is ideal for abrasive, sandy conditions and environmental applications where larger abrasive solids require separation. The SS800 can deliver up to 211 gal/min of unweighted drilling fluid. (Process rated to 251 gal/min with H₂O.)

CONTROLS

- Yaskawa F7 Variable Frequency Drive (VFD)
- All controls readily accessible to operator
- Integrated keypad LCD readout allows operator to control main drive and pump drive separately with easy-to-use commands and computer prompts
- Individual gauges for speed and unit torque allow for easy monitoring
- Drive housed in steel, weatherproof cabinet and positioned for safe operator usage

FEED PUMP

4" X 4" 20 HP

Heavy-duty Gorman-Rupp pump. Variable Speed Pump drive specifically manufactured to deliver large volumes of abrasive solids to the centrifuge

ROTATING ASSEMBLY

Stainless steel. Driven by a Marathon Explosion Proof motor.

18"X 28" / 60 HP

(457 X 711 MM)

RATED FLOW CAPACITY (H₂O)

251 GAL/MIN

(950 L/MIN)

G-FORCE

2617 G'S

AT 3200 RPM

LENGTH

110.5"

(2807 MM)

WIDTH

59.8"

(1519 MM)

HEIGHT

62.0"

(1574 MM)

WEIGHT

7,300 LBS.

(3320 KG)

SS1000

DELIVERS UP TO 264 GAL/MIN
OF UNWEIGHTED DRILLING FLUID



SS1000 CENTRIFUGE

AVAILABLE IN LEFT- OR RIGHT-HAND FEED

Designed specifically for industries that require a greater degree of separation for low gravity solids, the SS1000 delivers high speed and high performance—up to 3400 rpm. The SS1000 can deliver up to 264 gal/min of unweighted drilling fluid. (Process rated to 343 gal/min with H₂O.)

CONTROLS

- Yaskawa F7 Variable Frequency Drive (VFD)
- All controls readily accessible to operator
- Integrated keypad LCD readout allows operator to control main drive and pump drive separately with easy-to-use commands and computer prompts
- Individual gauges for speed and unit torque allow for easy monitoring
- Drive housed in steel, weatherproof cabinet and positioned for safe operator usage

FEED PUMP

4" X 4" 40 HP

Heavy-duty Gorman-Rupp pump. Variable Speed Pump drive specifically manufactured to deliver large volumes of abrasive solids to the centrifuge

ROTATING ASSEMBLY

Stainless steel. Driven by a Marathon Explosion Proof motor.

18" X 50" / 60 HP

(457 X 1270 MM)

RATED FLOW CAPACITY (H₂O)

343 GAL/MIN

(1300 L/MIN)

G-FORCE

2617 G'S

AT 3200 RPM

LENGTH

132.0"

(3352 MM)

WIDTH

59.8"

(1519 MM)

HEIGHT

62.0"

(1574 MM)

WEIGHT

8,500 LBS.

(3865 KG)

SS2000

FOR CONSISTENTLY HIGH
PROCESSED VOLUMES



SS2000 CENTRIFUGE

AVAILABLE WITH OR WITHOUT BACK DRIVE

Recommended for operations where applications might require consistently high processed volumes, the SS2000 is the largest centrifuge Ethos offers. The SS2000 can deliver up to 528 gal/min of unweighted drilling fluid. (Process rated to 660 gal/min with H₂O.) The SS2000's main drive, pump drive, and back drives all offer Variable Frequency Drive (VFD) technology to ensure maximum solids recovery.

CONTROLS

- Yaskawa F7 Variable Frequency Drive (VFD)
- All controls readily accessible to operator
- Integrated keypad LCD readout allows operator to control main drive and pump drive separately with easy-to-use commands and computer prompts
- Individual gauges for speed and unit torque allow for easy monitoring
- Drive housed in steel, weatherproof cabinet and positioned for safe operator usage

FEED PUMP

4" X 4" 40 HP

Heavy-duty Gorman-Rupp pump. Variable Speed Pump drive specifically manufactured to deliver large volumes of abrasive solids to the centrifuge

ROTATING ASSEMBLY

Stainless steel. Driven by a Marathon Explosion Proof motor.

21" X 72" / 125 HP

(533 X 1829 MM)

RATED FLOW CAPACITY (H₂O)

660 GAL/MIN

(2500 L/MIN)

G-FORCE

2774 G'S AT 3050 RPM

LENGTH

169.0"

(4293 MM)

WIDTH

71.0"

(1803 MM)

HEIGHT

74.5"

(1892 MM)

WEIGHT

16,300 LBS.

(7400 KG)



ETHOSTM

WHY ETHOS?

When looking for a Solids Control company, you have a lot of choices. Partnering with a company that is laser-focused on your success and has the track record to prove it, is what Ethos will provide.

BETTER IS POSSIBLE.





EVERYTHING YOU NEED

Ethos has partnered with United Centrifuge Manufacturing to provide patented centrifuges that are both durable and dependable. Ethos provides drying shakers, vertical dryers, polymer injection tanks, dewatering units, pumps, and any other auxiliary equipment you might need.

SUPERIOR CENTRIFUGE FEATURES

- Two distinct centrifuge models allow us to specifically design a custom solution ideally suited to your unique job.
- VFD (Variable Frequency Drive) technology allows for low amperage draw during startup (lowering cost) and adjustments during operation (more flexibility).
- Precision-balanced auger, bowl, and gearbox assembly are all treated for stress relief during manufacturing, ensuring vibration-free performance.
- Motor and rotating assembly are separate components, making repair/replacement easy and quick, in one hour or less, and on location with the use of a forklift.

EXPERT STAFF AND SERVICE

All supervisors and superintendents undergo comprehensive yearly training at our centrifuge manufacturer. Ethos hires the most experienced Solids Control Technicians (SCT's) available — then trains them further — to ensure every job is completed efficiently, thoroughly, and safely. Every rig follows a strict preventative maintenance schedule, maintained weekly by a qualified Ethos SCT, then doubled-checked by an experienced Ethos supervisor.

CUSTOM SOLUTIONS AND CONSISTENT RESULTS

No two jobs are the same. We partner with you to customize the best design to accomplish your desired outcome. Dual centrifuges? Drying Shakers? Whatever it takes, we'll adapt. At Ethos, clients aren't "Customers" — you're "Partners." Every Ethos employee is trained to think as an extension of your team, directly focused on achieving your goals and objectives by constantly looking for ways to improve efficiency and quality and diminish downtime, resulting in lower bottom-line costs.

WE'RE IN THIS TOGETHER, ONE JOB AT A TIME.
EACH JOB MATTERS TO YOU, SO IT MATTERS TO US.
BETTER IS POSSIBLE.

YOUR PARTNER IN SUCCESS



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