



# Enhance Environmental Performance

*With Centrisys Decanter Centrifuges*

## Centrisys Drilling Mud Centrifuge

The Centrisys Drilling Mud Centrifuge increases solids loading capacity, on the fly bowl changes and higher quality centrifugally cast components with ISO 9001:2015 standards.

- Process 20 pounds per gallon of weighted mud or flocculated ultra-fine slurries
- A890 duplex stainless steel for bowl longevity in low pH environments, higher tensile strength and greater corrosion resistance compared to 316SS
- Feed and solids discharge with replaceable tungsten carbon tiles



Centrisys also supplies the ancillary equipment associated with these installations:

- Customized skid mounting
- Feed pump systems (stand alone or integrated centrifuge skid)
- Polymer blending systems (emulsion and dry type)
- Solids transportation equipment (conveyors, belts, pumps, etc.)

## Typical Applications

- Petroleum / explorations - mud cleaning and dewatering
- Environmental / refinery 2- and 3-phase oily waste and bio-sludge
- Food processing and food waste reduction
- Industrial DAF sludge processing
- Edible and inedible rendering applications
- Chemical processing / PVC plants
- Drilling and tunneling
- Mining operations
- Municipal wastewater treatment - sludge dewatering and thickening
- Municipal potable water treatment - sludge dewatering and thickening

## Available Options

- 2- and 3-phase
- Planetary gearbox backdrive with VFD control
- Full hydraulic (main motor and backdrive)
- Class 1, Div 1, Class 1, Div 2 and NEMA 4
- Trailer mounted, skid mounted or containerized
- Fixed or step differential speed
- Relay control or PLC control system
- Custom built solutions





	CS18-3	CS21-4(T)	CS26-4(T)	CS30-4(T)	CS44-4(T)
Bowl ID in (mm)	18 (457)	21 (534)	26 (661)	30 (750)	44 (1118)
Max. G-force Up To	3,000	3,000	3,000	3,000	3,000
Conical Beach Angle	3°/8°	3°/8°	3°/8°	3°/8°	3°/8°
Headwall L:D	3:1	4:1	4:1	4:1	4:1
Backdrive Torque Nm Up To	8,800	13,500	24,000	40,000	100,000
Power kW	55	120	225	350	500
Bowl Speed Change on Fly	Yes	Yes	Yes	Yes	Yes
Differential Speed Relative to Torque	Yes	Yes	Yes	Yes	Yes
Wear Tiles	Yes	Yes	Yes	Yes	Yes
Handle of All Mud Including Flow	Yes	Yes	Yes	Yes	Yes
Feed Chamber	Exchangeable	Exchangeable	Exchangeable	Exchangeable	Exchangeable
Flow Rate @ 9.3 ppg	240	400	600	800	1,300
Solids Loading lbs/h (kg)	12,000 (5,450)	25,000 (11,360)	34,000 (15,500)	55,000 (25,000)	100,000 (45,000)
Hard Facing	TC Tiles Over Full Length				

**Customers Include:**

- Baker Hughes
- Halliburton
- Schlumberger MI-Swaco Division
- Integrated Fluids Services
- Dynamic Oilfield Services
- Centrifugal Services Inc.

