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**DRILLING** SOLIDS CONTROL / FLUID MANAGEMENT

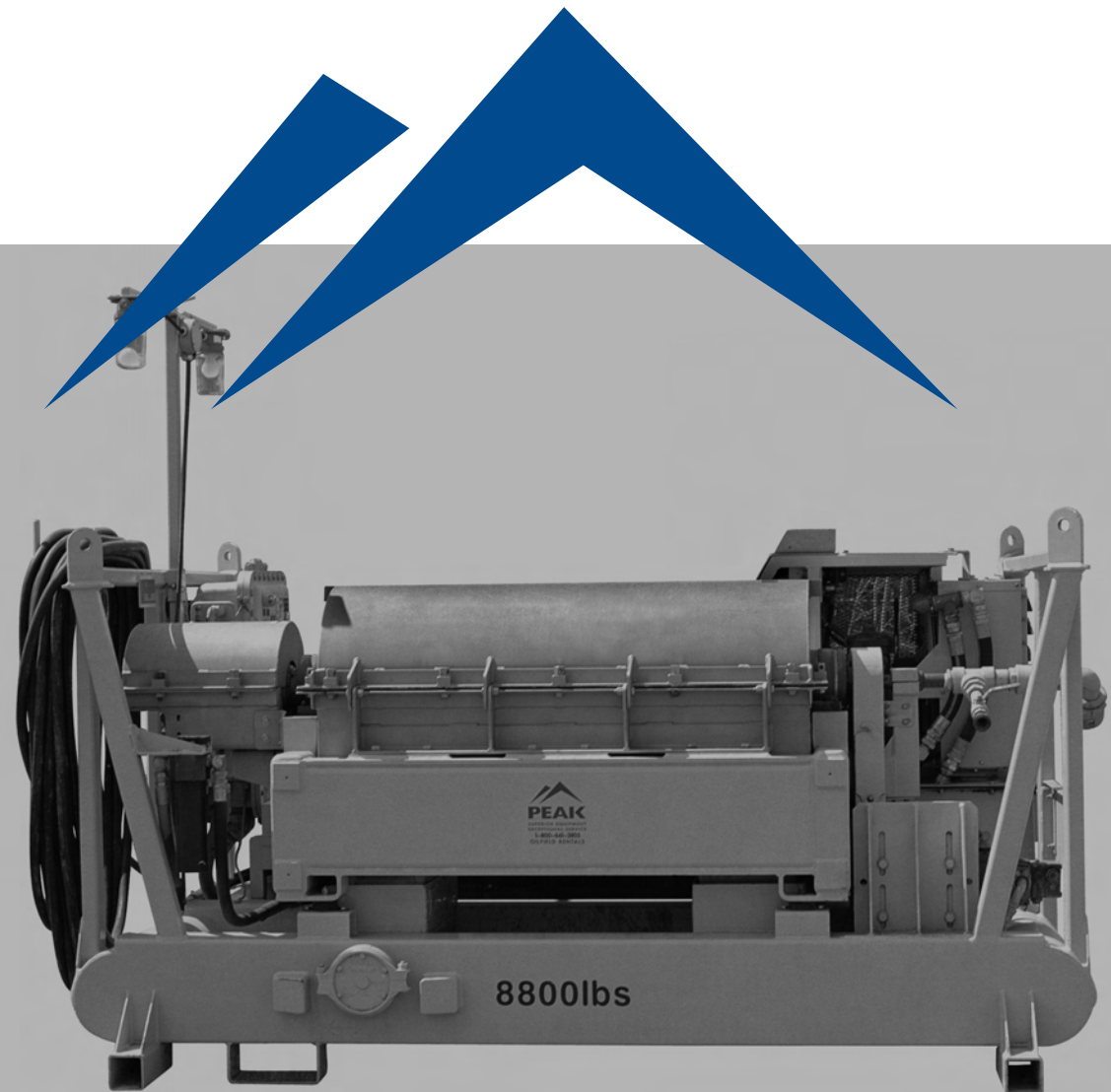
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## Peak DE-1000 Full Hydraulic Drive Centrifuge

### EXCEPTIONAL SERVICE

Peak's comprehensive service program ensures effective equipment operation. Our experience and size allow us to deploy equipment as required across western Canada and the United States from strategically located service points.

Peak Energy Services is committed to protecting the environment and maintaining public and employee health and safety throughout our operations.

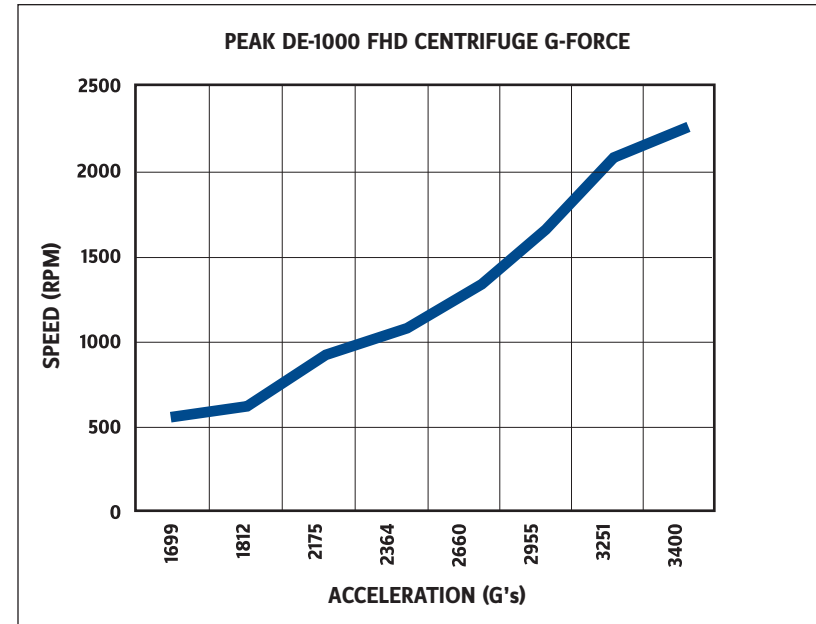


SUPERIOR EQUIPMENT  
EXCEPTIONAL SERVICE  
DRILLING | COMPLETIONS | PRODUCTION

1.800.661.3803

[www.peak-energy.com](http://www.peak-energy.com)

**PEAK DE-1000 FHD CENTRIFUGES** are designed for variable feed rates using a 50 HP explosion-proof hydrostatic pump. A mechanical back drive and gearbox are not required for this unit, reducing vibration and system complexity.



DE-1000 centrifuges feature multiple-point safety systems. To offset excessive torque, for example, the feed pump temporarily shuts off, and conveyor speed increases to clear solids. Automatic shutdown also occurs if the unit is overloaded. Hydraulic pressure relief valves and temperature switches further protect DE-1000 centrifuge from damage and costly downtime. A reversible conveyor feed nozzle adds adaptability and the unit's self-cleaning on run down adds convenience.

Durability is enhanced in high wear areas by stellite wear inserts, high-strength stainless steel on rotating assembly components and tungsten carbide tiles along the entire conveyor length.

The straight forward control panel includes speed controls for the bowl, tachometer, flow meter and pressure gauges.

#### BENEFITS

- Extreme abrasion resistance
- Improves formation management
- Optimizes solids removal and barite recovery
- Decreases drilling costs and waste volumes
- Minimizes maintenance due to ultra fines removal
- Provides optimal torque control and high separation efficiency
- Provides high flow capacity
- Features low amperage draw during startup and changes to RPM during operation

#### TECHNICAL DATA

- Centrifugal force = 2300 G (at 3400 RPM)
- DE-1000 FHD power requirements: 100 amps (480 voltage)
- Feed rate 900 litres per minute
- Processing rate = 500 to 750 litres per minute depending on mud properties
- DE-1000 centrifuges measure 292.1cm x 190.5cm x 144.8cm (115 x 75 x 57 inches) and weigh 4000 kg (8800 lbs)
- Stainless steel rotating assembly measures 35.6cm x 124.5cm (14 x 49 inches)