



DRILLING SOLIDS CONTROL / FLUID MANAGEMENT

Peak Pinnacle HH5500 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.

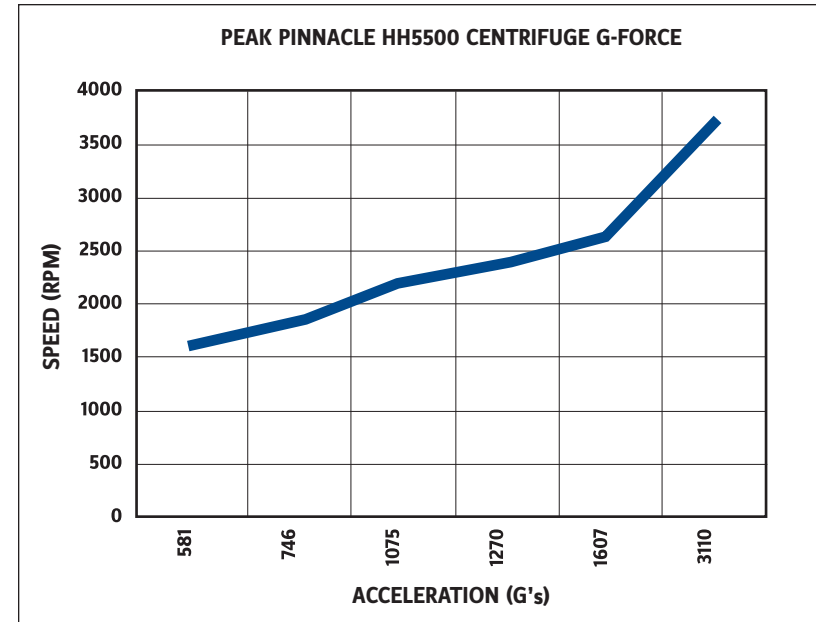


SUPERIOR EQUIPMENT
EXCEPTIONAL SERVICE
DRILLING | COMPLETIONS | PRODUCTION

1.800.661.3803

www.peak-energy.com

The variable speed systems (main drive, back drive and feed pump) of **PEAK PINNACLE HH5500 CENTRIFUGES** are designed to accommodate all types of drilling fluids. The 60 HP main drive and 20 HP back drive motors can process unweighted fluids, that allow for removal of ultra fine particle sizes to 5 microns.



The Pinnacle safety systems and equipment include vibration sensor and overload shutdown switches, torque sensors and over-torque systems, which minimize failures and downtime due to plugging. Programmable Logic Controller (PLC) technology regulates centrifuge feed reducing the chances of plugging. Touch screen controls feature coloured chart readouts, simplifying operation.

The Pinnacle's full variable capabilities and 53:1 gear box, coupled with the specifically designed double HH5500 centrifuge stand make this unit optimal for barite recovery.

Sintered tungsten carbide hard surfacing on all wear areas maximizes productivity and minimizes maintenance costs.

BENEFITS

- 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 = 3,110 G (at 3,700 RPM)
- Gearbox ratio = 53:1
- Pinnacle power requirement: 100 amp (480 voltage)
- Feed rate of 1100 litres per minute
- Processing rate = 650 to 900 litres per minute depending on mud properties
- Pinnacles measure 375.9cm x 147.3cm x 116.8cm (148 x 58 x 46 inches) and weigh 3630 kg (8000 lbs)
- Stainless steel rotating assembly measures 40.6cm x 139.7cm (16 x 55 inches)