

Peak Performance™ Hydraulic Centrifuge Stand

Fact Sheet

Clean Harbors' *Peak Performance*™ Hydraulic Centrifuge Stand allows for the operation and movement of the complete centrifuge package as a single unit. The onboard hydraulic system raises and lowers the working platform and only requires power during the lifting/lowering process. The work platform configuration allows for the installation of two mid-sized centrifuges or one big bowl centrifuge, and their VFD control panels and feed pumps fit on the base skid. The built-in walkways and stairs ensure that personnel running the equipment can access the work platform in a safe manner without the need for fall arrest equipment. The piping basket ensures that all pipe and fittings required for the operation of the centrifuges are secured in transport.

Single Load Movement of Centrifuge Package

A centrifuge package includes a centrifuge stand, a centrifuge machine, a VFD panel that controls and monitors the centrifuge operation, a pump that feeds the drilling fluids into the centrifuge, and a piping package that allows the processed drilling fluid to be returned to the rig mud system. Traditional centrifuge stands cannot carry centrifuges in transit and they do not have room for the panels and pumps. They require a crane/picker on site to assemble the package so it can be operated. This hydraulic version can be rigged out by one person and then winched on to a trailer. The load is not over-dimension and does not need any outside lifting capacity to put in place and rig up for operation.

Eliminate the Need for a Picker/Crane

No picker is needed to rig in or rig out the centrifuge package when a hydraulic stand is used, which can result in significant cost savings. This is especially true when the wells are drilled quickly and the rig moves every few days.

Versatile Centrifuge Operations

The platform is built to mount a wide variety of centrifuges. With the mid-bowl size machines, it can carry two complete packages and for the larger big bowl machines, it can carry one complete package. Traditional centrifuge systems typically require one stand per centrifuge, which increases the number of loads that require movement between drilling locations.

Safe, Simple Operation

The hydraulic centrifuge stand has a cord with a 208V/4W-4P/30 Amp plug



Advantages of Using a *Peak Performance* Hydraulic Centrifuge Stand

Our simple, versatile version of hydraulic centrifuge stands keeps us at the forefront of introducing equipment that customers find to be safe, efficient, and user-friendly. The configuration will save you time and reduce costs as there is no need to have a picker unit on site to rig the centrifuges in or out. Once the unit is delivered to the location and spotted, it can be raised and operational within minutes.

that provides power to the self-contained hydraulic system. Operating instructions are affixed to the stand right at the control console. Once in the raised position, pins are inserted into the leg assemblies and the platform is settled back onto the pins. The power cord can then be stored away until the next rig move. There is a 400 W Class I Div II floodlight mounted above the work platform with a separate 120V power cord.

The walkway system allows the personnel operating the centrifuge stand and centrifuges to easily access the work platform as well as the area below the platform. The stand is designed to allow worker access to the platform in either the raised or lowered position.

Eliminate the Use of Fall Protection

With the new stand, access to the platform is via stairs and walkways that have handrails. This design negates the need for personnel to wear the harnesses as the handrails serve as the fall protection.