

SCM-HIPPO VACUUM UNIT



Midgard has over 10 years of experience in the containment and handling of drilling waste using vacuum type equipment.

Now, through continued development of these vacuum systems, we offer an engineered solution to your drilling fluid and sludge reclamation problems with the Hippo System.

CONCEPT

The Hippo System consists of a robust skid mounted package designed to be centrally located for the reclamation, containment and handling of waste liquids and sludge from both onshore and offshore operations.

The system contains the following components:

- 30 gallon tank
- Air operated diaphragm pump
- Associated pipework & valves

The 30 gallon tank is fitted with 2" suction, discharge lines and a 3/4" air inlet connection. Also fitted within the skid is an inline filter and an air operated diaphragm pump.

APPLICATION

Our Hippo is designed to reclaim drilling fluid spillages caused by tripping, pulling wet strings or accidental spillage. It can also be used for other waste stream spillages such as wastewater or slurries. The cleaning of ditches, cellars and sumps plus the skimming of pits and cuttings boxes are also possible.

FEATURES & BENEFITS

- Oilfield proven technology – similar vacuum units have been used reliably in the oilfield for many years
- Anti-static construction – all parts are constructed from anti-static or conductive materials to eliminate the buildup of static electricity
- Compact skid design – provides easier installation of the Hippo system
- Safety – improves workplace environment by allowing quick and easy removal of spillages
- Quick hook up – only the rig air supply, suction and discharge lines need to be connected for the unit to operate
- Flexible installation – due to the compact skid design, the Hippo can be installed almost anywhere onboard the installation

CONTAINMENT AND HANDLING

SPECIFICATIONS

General	
Model	SCM-Hippo
Tanks Capacity	30 Gallons
Maximum Suction	17.5 Hg
Construction Material (Valve, Frame, Valves & Fittings)	SS316
Pump Type	Air operated double diaphragm
Standard Hose Length	6 meters

Note: all parts are anti-static and conductive to avoid static electricity loading

Weight	
Gross Weight*	695 lbs (315 kg)
Net Weight**	440 lbs (200 kg)

* Typical operating weight (complete with fluid)

** Shipping weight

Dimensions	
Length	37" (940 mm)
Width	27" (690 mm)
Height	47" (1,175 mm)

Utility Requirements	
Air Supply	
Inlet Pressure	100 psi
Compressed Air Consumption	100 cfm