



VACUUM DEGASSER

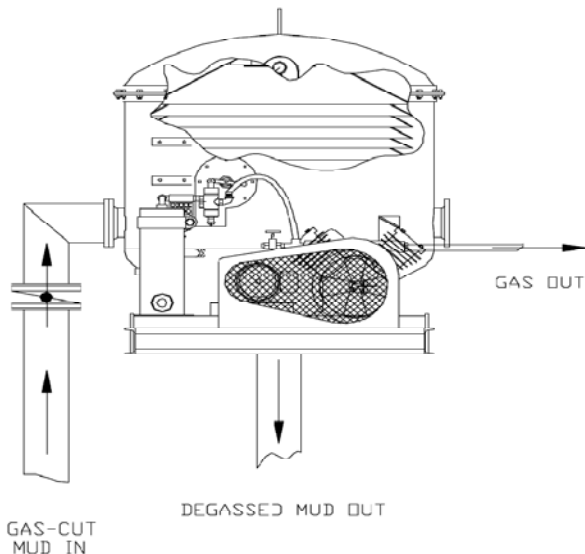
The GDS **VACUUM DEGASSER** is a compact footprint Degassing Unit designed to remove Gas, H₂S and Corrosive Oxygen from gas-cut drilling fluids and has a handling capacity of up to 1,200gpm.

The working principles behind the “Dome” Compact Vacuum Degasser are based on three key elements which are:

- Mud Circulation (Venturi)
- Increased Surface Area
- Vacuum



By circulating clean fluid through the Venturi discharge line, gas-cut drilling fluid is drawn into the vessel. The vacuum created inside the vessel increases the entrained gas bubble expansion velocity. Gas-cut Drilling Fluid is then diverted over the internal fiberglass disk stack leaves, increasing the surface area and enhancing the “Break Out” of the gas from the Drilling Fluid. A vacuum pump is used to remove all freed gasses from the vessel and vented off at a safe location. The internal mounted float valve connected to the external three way float valve ensures that a safe fluid level is maintained within the Degasser at all times.



DIMENSION & WEIGHT

L = 1,530 mm x **W** = 2,570 mm x **H** = 2,010 mm

Dry Weight: 1,550 Kg

Wet Weight: 4,750 Kg (18ppg)

SPECIFICATION SUMMARY

Handling Capacity: 1,000 & 1,200 gpm

Motor Specification:

- One (1) 5-hp Motor
- 460V / 60Hz 1,750rpm
- 380V / 50Hz 1,450rpm
- Explosion Proof
- Class I, Group D, Div1 UL.