



The vacuum degasser, also known as a mud/gas separator is one of the first units of solids control equipment arranged to treat drilling mud. As such, they process all of the drilling mud from the flow line before the mud reaches the primary shale shakers. The units have no moving parts and rely on the density difference between the gas and the mud for removal. The process is simple, yet very effective for well drilling fluids processing system.

The vacuum degasser is used to remove the small entrained gas bubbles left in the mud by the mud/gas separator. These units are positioned downstream from mud/gas separators, gumbo removal equipments (if utilized), shale shakers, and mud conditioners (if utilized) while hydrocyclone desanders and decanting centrifuges follow in the arrangement.

#### Features Include:

- Weir around the plates for equal distribution of liquid on each plate.
- Multiple leaf plates surface area spreads gas-cut mud so that entrained gas bubbles are brought to the surface where deep corrugation provides turbulence giving maximum separation efficiency of gases from mud.
- Vent on each plate for direct vertical exiting of the separated gases.



Model Number:	ESS-DG-600	ESS-DG-1200
Flow Rate:	600 gpm (38 lps)	1,200 gpm (75 lps)
Vacuum Pump Type & RPM:	I.R & 1500 rpm	I.R & 1500 rpm
Motor:	5 hp	5 hp
Jet Nozzel Type	Eductor Type	Eductor Type
Skid Length:	100" (2,540 mm)	100" (2,540 mm)
Skid Width:	65" (1,651 mm)	68" (1,727 mm)
Height:	70" (1,778 mm)	77" (1,955 mm)
Weight:	3,250 lbs (1,474 kg)	3,579 lbs (1,623 kg)
Skid Type:	Oilfield	Oilfield