

CD-1400 CENTRIFUGAL D-GASSER



FEATURES

- Patented centrifugal-force system
- Removes entrained gases, including H₂S and corrosive oxygen
- Reduces the threat of dangerous and costly blowouts
- Provides lowest hp/GPM throughput ratio
- In-tank mounting
- Self-contained

BENEFITS

- Reduces threat of dangerous and costly blowouts
- Generates 1,000 to 1,300 GPM (4,164 to 4,921 L/min), depending on operating conditions
- Virtually eliminates the need for rig-floor space
- Easy to install
- Energy efficient

The M-I SWACO CD-1400 CENTRIFUGAL D-GASSER[†] provides an innovative and space-saving solution to degassing problems.

The D-GASSER unit uses a patented, centrifugal-force system rather than conventional vacuum or impact systems.

The CD-1400 D-GASSER unit exerts centrifugal force to the mud, multiplying the force acting on the gas bubbles to increase buoyancy and release. The increase in buoyancy accelerates the bubble-rise velocity. As the bubbles rise toward the surface, they escape the mud and are further broken down by flow turbulence.

A regenerative blower then draws the separated gas out of the unit and discharges it to atmosphere, flair-line, etc.

How it Works

Removes entrained gases. The CD-1400 D-GASSER unit removes all of the entrained gases from drilling fluids in the return flow by using high-speed centrifugal force.

Reduces potential blowouts. The removal of entrained gases, including H₂S and corrosive oxygen, from drilling fluids reduces the threat of dangerous and costly blowouts caused by recirculating gas-cut mud.

In-tank mounting. Easy-to-install, in-tank mounting virtually eliminates the need for rig-floor space.

Energy efficient. System requires less energy to operate with UL-approved, 30-hp, explosion-proof 230/460 VAC 3-phase 60-Hz motor.

Self-contained. The unit is complete with centrifugal cylinder unit, screens, electric motor and mount.

High performance. Provides lowest hp/GPM throughput ratio, generating 1,000 to 1,300 GPM (4,164 to 4,921 L/min), depending on operating conditions.

This information is supplied solely for informational purposes and M-I SWACO makes no guarantees or warranties, either expressed or implied, with respect to the accuracy and use of this data. All product warranties and guarantees shall be governed by the Standard Terms of Sale. Nothing in this document is legal advice or is a substitute for competent legal advice.



P.O. Box 42842
Houston, Texas 77242-2842
www.miswaco.slb.com
Email: questions@miswaco.slb.com