

# CD-1400 CENTRIFUGAL D-GASSER



## FEATURES

- Patented centrifugal-force system
- Removes entrained gases, including H<sub>2</sub>S 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<sup>†</sup> 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 H<sub>2</sub>S 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.

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