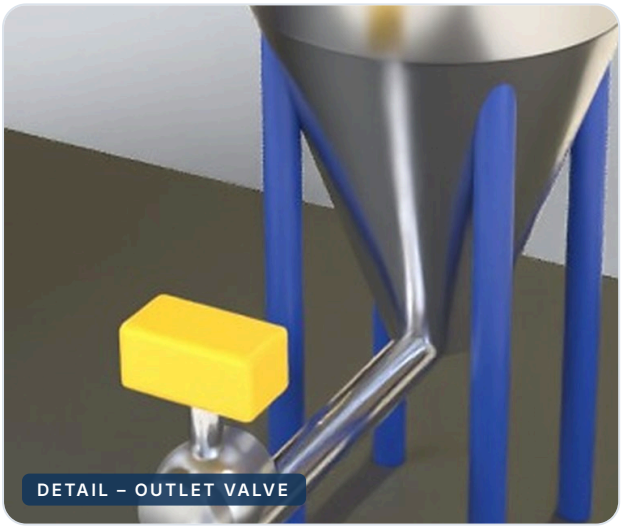
PRODUCT DATASHEET

Mud-Gas Separator and Desanding Skid

Removes gas from mud and sand from well streams





DETAIL – OUTLET VALVE

OVERVIEW

The Tech Inc. Mud-Gas Separator and Desanding Skid range removes gas from drilling mud and sand from well streams. The mud-gas separator vents entrained gas to a safe location away from the rig floor, and the desander protects chokes, separators and pipework from erosion. Drilling contractors, well-test companies and operators of sand-producing wells use these skids.

MODELS AND CONFIGURATIONS

- **Mud-gas separator (poor-boy degasser)** – separates free gas from returning drilling mud and vents it to a safe location.
- **Cyclonic wellhead desander** – removes sand from the well stream at the wellhead, ahead of chokes and separators.
- **Sand-trap and sand-flush skid** – collects sand from the flow and flushes it out for disposal.

TYPICAL DESIGN DATA

Sizing	From drilling or well-test flow rates, or to client specification
Design code	Vessels designed to ASME VIII or client specification
Gas venting	Vent line routed to a safe location or flare, or to client specification
Sand handling	Accumulation and flush arrangement to the expected sand load, or to client specification

APPLICATIONS

Drilling rigs, well testing and sand-producing wells.

KEY ADVANTAGES

- **Safe gas handling** – gas removed from the mud and vented away from the rig floor
- **Erosion protection** – sand removed before chokes, separators and pipework
- **Sized to the duty** – vessels sized from drilling or well-test flow rates
- **Skid-mounted** – quick to set up and move between rigs and wells
- **Vessels from one shop** – designed to ASME VIII or client specification and fabricated in-house

Designed and built by Tech Inc. · **Part of the Davey Group since 1990**

Offices: Chennai · Toronto · Tallinn · Al Khobar

mail@techincresearch.com · +1 (289) 622-1032 · www.techincresearch.com

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