



MUD GAS SEPARATOR

 Xi'an, China

energy  Q1
Registered
Manufacturer

THE MACHINE

WORKS BY USING

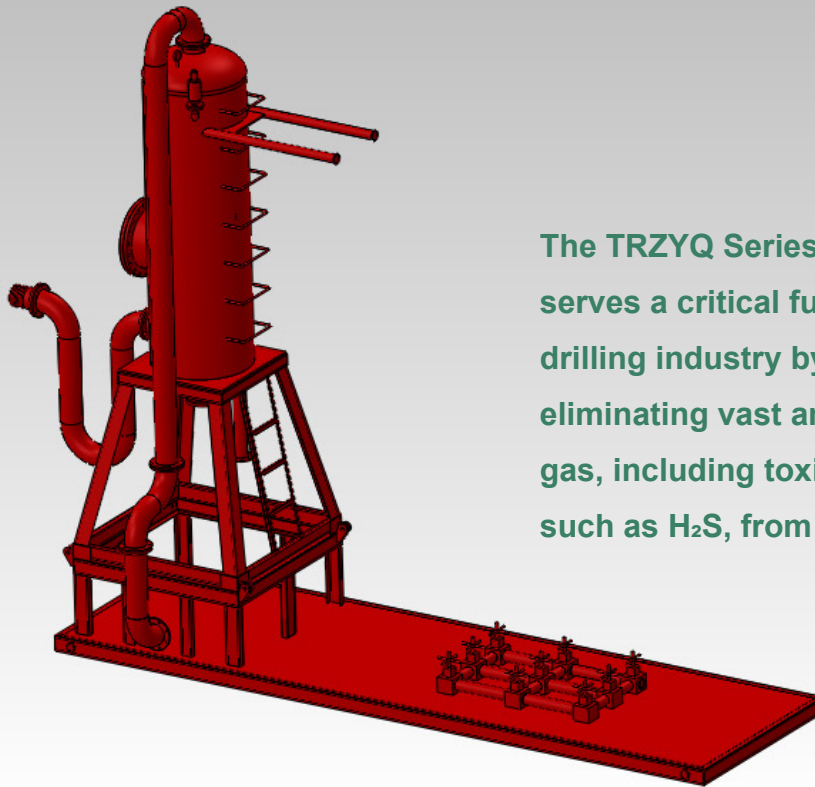
Hot Selling Mud Gas Separator For Solids Control System / Poor Boy Degasser Introduction

In drilling operations, the Mud Gas Separator is crucial. During well blowouts, kicks, or under - balanced mud column operations, it's the optimal choice. The TRZYQ series Mud Gas Separator is designed to remove large amounts of free gas, especially harmful H_2S , from drilling fluids. Field data shows it's a highly reliable safety device in drilling setups.

Functionally, it mainly removes large gas bubbles ($\geq \Phi 3mm$). These bubbles, mostly expanded gas infiltrating the wellbore annulus drilling fluid, can cause well kicks if not removed promptly, threatening the entire drilling process.

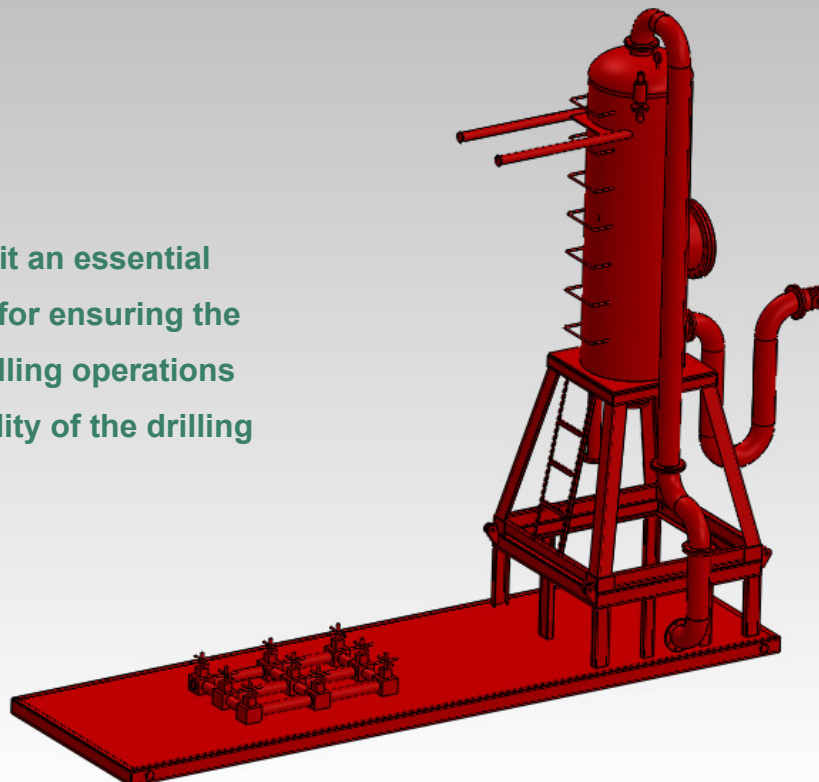


APPLICATION



The TRZYQ Series Mud Gas Separator serves a critical function in the drilling industry by efficiently eliminating vast amounts of free gas, including toxic substances such as H_2S , from drilling fluids.

This makes it an essential component for ensuring the safety of drilling operations and the quality of the drilling fluids.



THE MACHINE WORKS BY USING

- 1. Efficient degassing performance.
- 2. Separated gas is carried by discharge lines to safe area for combustion.
- 3. Versatile Configuration. Flow line adjustments can be raised or lowered to minimize piping.
- 4. Skid-Mounted and Trailer Transportable. Simplifying transport, spotting and installation.
- 5. Separates free gas accumulations especially toxic gases from drilling mud system.
- 6. Fail-safe gas delivery can be controlled by a back-pressure manifold valve in the flare line.



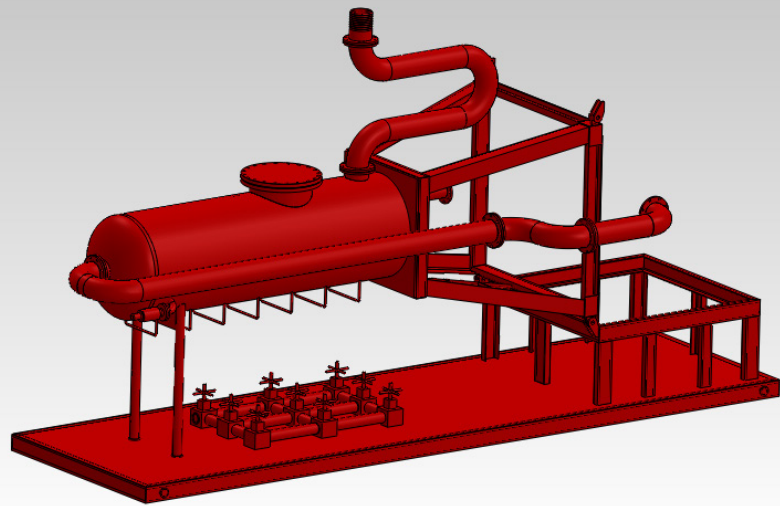
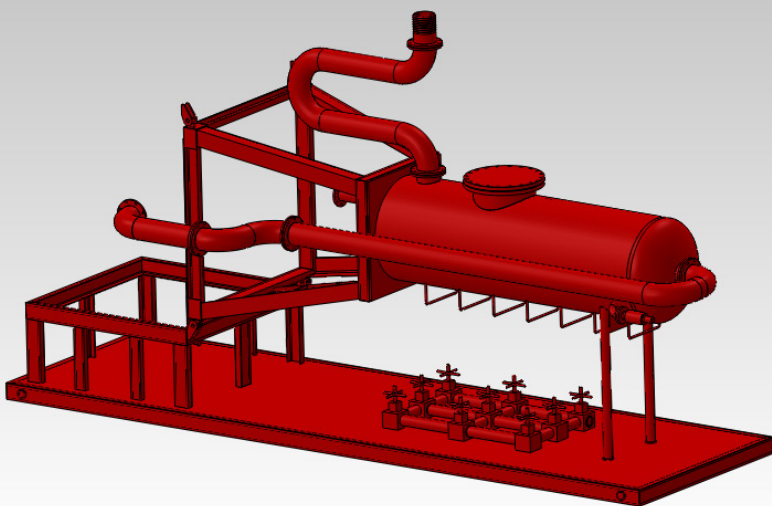
Flare Ignition Device

Its applications span a wide range of sectors.

In Drilling Waste Management, it helps in the proper treatment of drilling waste by removing gas that could complicate the disposal process.

In oil & gas drilling, it is a key element in maintaining the integrity of the wellbore and protecting against gas - related hazards like well kicks and blowouts.

Model	TRYPD-20/3	TRYPD-20/3T
Diameter of Main Body	DN200	
Charging Voltage	12V/220V	
Ignition Media	Natural gas/LPG	
Ignition Voltage	16kv	16kv
Charge Mode	AC	Solar and AC
Weight	520kg	590kg
Dimensions	1610*650*3000mm	1610*650*3000mm



- We offer high quality products at competitive price.
- Shortest delivery time.
- Flexible payment terms.
- Timely after-sale service.
- Most of our equipment can be replaceable with international brands.

- Our products have been exported to Argentina, Egypt, US, Australia, Romania, Pakistan, Dubai, Abu Dhabi, Iran, India, Indonesia, Vietnam, Malaysia and many other countries.

Technical Data of TRZYQ Series Mud Gas Separator

Model	TRZYQ800	TRZYQ1000	TRZYQ1200
Capacity	180 m ³ /h	240 m ³ /h	320 m ³ /h
Main Body Diameter	800mm	1000mm	1200mm
Inlet Pipe	DN100mm	DN125mm	DN125mm
Output Pipe	DN150mm	DN200mm	DN250mm
Gas Discharge Pipe	DN200mm	DN200mm	DN200mm
Weight	1750kg	2235kg	2600kg
Dimension	1900*1900*5700mm	2000*2000*5860mm	2200*2200*6634mm

Customer's satisfaction is the highest pursuit of TR Solids Control.



Xi'an Tianrui Petroleum Machinery Equipment Co., Ltd., established in 2010, is a modern manufacturer of solids control equipment certified to both API Q1 and ISO 9001 standards.

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