

VACUUM DEGASSER



Xi'an, China

energy  Q1
Registered
Manufacturer

PRODUCT DESCRIPTION

The TRZCQ Series Vacuum Degasser is a specialized unit designed for rapid gas removal from drilling fluids.

By effectively extracting invasive gases such as methane, HS, and CO, it stabilizes mud weight, maintains viscosity, and reduces drilling costs.

This self-contained degasser—featuring a water ring vacuum pump operating at a constant temperature—is ideal for horizontal directional drilling and other demanding applications. Its scientific design and customizable options ensure optimal gas-liquid separation while providing heavy-duty agitation for complete mud recycling systems.



TR Solids Control Vacuum Degasser Explosion Proof295% Degassing

Brand Name:	TR solidscontrol	
Model Number:	TRZCQ Series	
MOQ:	1	
Price:	USD 275-45800 or Negotiable	
Payment Terms:	L/C, T/T	
Supply Ability:	20unit pre month	

KEY FEATURES

Superior Degassing Efficiency:

Achieves $\geq 95\%$ gas removal to ensure proper mud weight and prevent blowouts.

Self-Priming Operation:

Eliminates the need for an external centrifugal pump; level sensors protect against over-suction.

Explosion-Proof & Safe:

Engineered with a water ring vacuum pump that maintains a constant temperature, ideal for flammable and explosive gas suction.

Optimized Design:

Features a gas-water separator to prevent simultaneous discharge of water and gas, while supplying water to the pump to save resources and support environmental protection.

Robust Belt Drive:

Simplifies the drive mechanism by avoiding complex reduction gears, ensuring continuous long-term operation.

**THE TRZCQ SERIES
VACUUM DEGASSER
IS A SPECIALIZED UNIT
DESIGNED FOR RAPID
GAS REMOVAL
FROM DRILLING FLUIDS**



Vacuum Degasser

TECHNICAL SPECIFICATIONS

Model	Body Diameter	Capacity	Vacuum Degree	Transmission Ratio	Motor Power	Vacuum Pump Power	Impeller Speed	Dimensions (mm)	Weight
TRZCQ240	700 mm	240 m³/h	-0.030 to -0.045 MPa	1.68	15 kW	2.2 kW	860 r/min	1750×860×1500	1100 kg
TRZCQ270	800 mm	270 m³/h	-0.030 to -0.050 MPa	1.68	22 kW	3 kW	870 r/min	2000×1000×1670	1350 kg
TRZCQ300	900 mm	300 m³/h	-0.030 to -0.045 MPa	1.68	30 kW	4 kW	876 r/min	2250×1330×1650	1650 kg
TRZCQ360	1000 mm	360 m³/h	-0.030 to -0.045 MPa	1.72	37 kW	7.5 kW	880 r/min	2400×1500×1850	1800 kg

Attributes

Model: TRZCQ Series (TRZCQ240, TRZCQ270, TRZCQ300, TRZCQ360)

Capacity: 240–360 m³/h

Body Diameter: 700–1000 mm

Vacuum Degree: -0.030 to -0.045/-0.050 MPa

Transmission Ratio: 1.68–1.72

Motor Power: 15–37 kW

Vacuum Pump Power: 2.2–7.5 kW

Impeller Speed: 860–880 r/min

Dimensions: Varies (e.g., 1750×860×1500 mm to 2400×1500×1850 mm)

Weight: 1100–1800 kg





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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