

Ash Tank



 **Xi'an • China**

energy

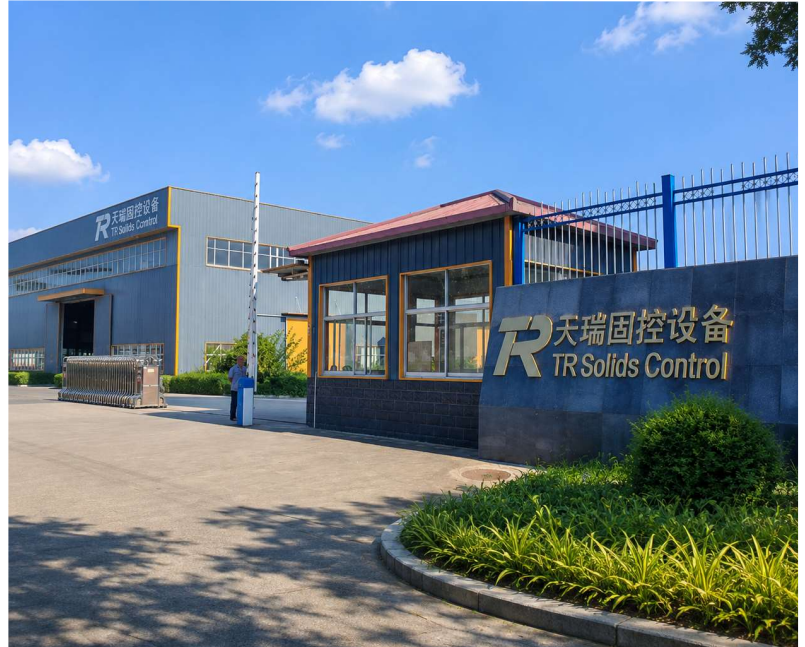


Q1

Registered
Manufacturer

About Us

- Established in December 2010, TR Solids Control is a professional manufacturer specializing in the R&D, production, sales and technical service of solids control equipment and mud recovery systems.
- Headquartered in Xi'an Economic and Technological Development Zone, the company covers an area of over 40 acres and employs 350-450 skilled professionals, including a dedicated R&D team of experienced engineers and technical experts.
- TR Solids Control has established a global presence, delivering reliable solutions to over 60 countries and regions across North America, South America, Europe, Asia, the Middle East and Africa.



About Us



Production Capacity

- Our company operates a modern manufacturing base covering a total area of approximately 35,000 square meters, including 22,000 square meters of standardized industrial workshops. We have established independent blanking, machining, welding, assembly, finished product inspection and warehousing & logistics centers, realizing a full-process closed-loop production system from raw material warehousing to finished product delivery.
- We have established a comprehensive quality control system, equipped with high-precision testing equipment such as coordinate measuring machines, ultrasonic flaw detectors, hardness testers and dynamic balance testing machines. All products are inspected in full accordance with international standards.

Company Qualification



Ash Tank

Introduction



- TR Ash Storage Tank is designed for the storage and transfer of bulk powder materials such as cement, bentonite, and barite powder. Widely used in oilfield drilling sites, drilling fluid stations, and cementing operations.
- It provides reliable bulk material storage and efficient transfer. The tank supports automated material handling and helps improve the efficiency of drilling fluid and cementing operations.



Vertical Drilling Ash Tank

Operating Principle

- The TR Vertical Ash Storage Tank combines pneumatic conveying with gravity discharge for stable powder storage and continuous feeding. Cement, barite, bentonite, and other dry materials enter through the top inlet and remain sealed and dry. During feeding, compressed air enters the aeration system, fluidizing the powder at the tank bottom and improving its flowability.
- The fluidized material is then conveyed through the outlet under air pressure, while control valves regulate the feeding rate. A dust collector filters exhaust air to reduce dust emissions. This process ensures efficient, continuous, and stable powder transfer for drilling fluid preparation and cementing operations.

Model	TRHG2500	TRHG2600
Volume (m³)	24	27
Main diameter (mm)	2500	2600
Design Pressure (Mpa)	0.5	0.5
Working Pressure (Mpa)	0.3	0.3
Discharge speed (t/h)	≤120	≤120
Ash Residue Rate (%)	≤0.03	≤0.03
Dldp hwhu (mm)	2700×2500×6300	2800×2600×6400
Weight (kg)	4300	4800



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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