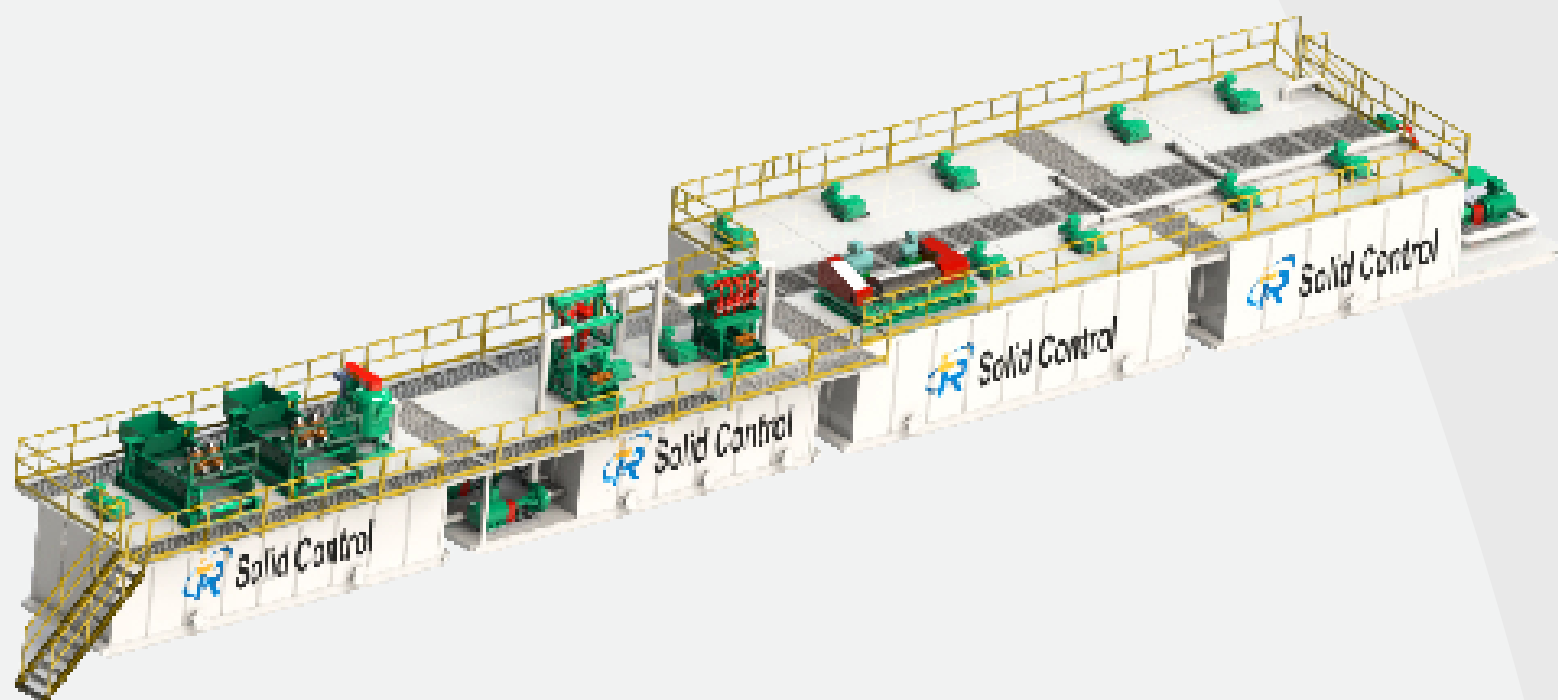


# OIL & GAS DRILLING SYSTEM



 **Xi'an, China**

energy



**Q1**

Registered  
Manufacturer

# HDD MUD RECYCLING SYSTEM

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## HDD MUD RECYCLING

The **HDD Mud Recycling System** is a crucial component in directional drilling and pipe jacking operations. This system is designed to recycle, purify, and prepare drilling mud for reuse.

It is particularly suitable for construction projects requiring high mud capacity. The purification process of the mud recycling system consists of three stages: the first stage utilizes a shale shaker, followed by the second and third stages which employ desanders and desilters, respectively.



- Both the desander and desilter are equipped with underflow shale shakers to further treat solids discharged from the primary separation equipment.
- Necessary mud additives are introduced through the mud preparation unit, where they are mixed uniformly to produce slurry with qualified recycling properties.
- This integrated system significantly reduces construction costs while providing effective environmental protection.

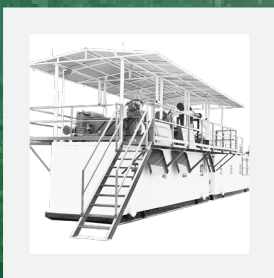
## FUNCTION OF HDD Mud RECYCLING SYSTEM

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HDD Mud Recovery System is to remove the solid particles contained in the mud from bottom of the well,

to prepare and store the mud .



In order to maintain low solid phase and performance in line with the performance requirements of construction technology, fine slurry is supplied to mud pump and injected into the well.

Thereby improving drilling speed, ensuring the quality of well depth, reducing equipment wear, decreasing drilling cost and reducing the occurrence of construction accidents.

## Jet mixing device Technical Parameters

Model	Capacity m3/h	Screen Area m2	Purification Times	Power kw	Total	Volume m3
TRMR-200	50	2.3	2	35		5
TRMR-500	120	4	3	125		15
TRMR-1000	240	6	3	185		30

We are a leading manufacturer and exporter of HDD mud recycling systems.

Our factory is API-approved, and our solids control equipment is API-certified. TR Solids Control is a Chinese manufacturer specializing in the design, production, sales, and service of integrated mud solids control systems. We are also responsible for delivery and logistics.

We are committed to providing high-quality drilling solids control equipment and the best service. Your optimal HDD mud recycling solution begins with 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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