

HDD Solids Control System



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Horizontal directional drilling short name is **HDD**. HDD technology has the obvious in oil and gas pipelines crossing the rivers, lakes, highway, railway hub and other obstacles and important area. HDD site all is in the rivers, lakes, the traffic trunk line, neither dig in the excavation of large area nor make mud discharge randomly ; So it is very important to equip with mud recovery system.



TR Solids Control HDD mud recovery is developed, designed and manufactured to meet trenchless technology requirements at home and abroad and is applied in purification treatment of mud returned from underground during horizontal directional drilling process. Cuttings with big particle sizes are separated by shale shaker, mud cleaner and other solids control equipment. Mud materials required are added and evenly mixed for circulation via mud mixer to meet performance requirements for reuse. Mud is pumped into horizontal directional drilling mud system by mud pump for recycling. TR Solids Control HDD mud recovery system can remarkably improve mud treatment efficiency, reduce mud cost of horizontal directional drilling and greatly increase rate of penetration.

Advantage of TR Solids Control HDD Mud Recovery System

- Multifunctional integrated design, to meet the mud cleaning, recycling and reuse, mud configuration and storage functions, while reducing the overall size of tank systems greatly, could meet the requirements of horizontal directional drilling site and space.
- The electrical system are Explosion-proof,dust-proof,waterproof to ensure the safe and quality when working.
- Simple,compact and light weight Mud tank, corridor and hence can be folded or disassembled for convenient transportation and installation.
- TR Solids control got the American Petroleum Association API and ISO certification, and environmental safety system ISO14001,ISO18001 certification. Mud solid control system can meet the standards of all countries in the world.

TRHDD-200 Mud Recovery System Parameter

Model	TRHDD-200
Capacity	200GPM (50m ³ /h)
Desilter	TRZS752S
Total Area of Upper Screen	0.875m ²
Total Area of Lower Screen	1.35m ²
Cyclone Specs	4"
Cyclone Qty	4pcs
Model of Feed Pump	TRSB4X3-12J
Model of Mixing Pump	TRSB4X3-11J
Model of Mixing Hopper	TRSLH100
Total Power	44kW
Total Volume	5m ³
Total Volume	4000x2360x2940mm
Total Weight	5500kg

TRHDD-500 Mud Recovery System

TR Solids Control TRHDD-500 mud recovery system is mainly used in HDD projects with requirements on capacities below 500GPM.

TRHDD-200 Mud Recovery System Parameter

Model	TRHDD-500
Capacity	500GPM (120m ³ /h)
Shale Shaker	TRZS703/TRZS585
Total Screen Area	2.7m ²
Model of High-Efficiency Cleaner	TRQJ250X1S-100X8N
Desander Cyclone	10"x1pcs
Desilter cyclone	4"x8pcs
Total Area of Under Flow Screen	1.35m ²
Feed Pump of Cleaner	TRSB6X5-11J 2pcs
Model of Mixing Pump	TRSB6X5-12J
Model of Mixing Hopper	TRSLH150-35 (37KW)
Model of Agitator	TRJBQ7.5
Total Power	130kW
Total Volume	15m ³
Total Volume	10000x2360x4228mm
Total Weight	17000kg

TRHDD-500 Mud Recovery System

TR Solids Control TRHDD-1000 mud recovery system is mainly used in HDD projects with requirements on capacities below 1000GPM.

TRHDD-1000 Mud Recovery System Parameter

Model	TRHDD-1000
Capacity	1000GPM (240m ³ /h)
Shale Shaker	TRZS703/TRZS585
Total Screen Area	2X2.7m ²
Model of High-Efficiency Cleaner	TRQJ250X2S-100X12N
Desander Cyclone	10"x2pc
Desilter cyclone	4"x12pcs
Total Area of Under Flow Screen	2.12m ²
Feed Pump of Cleaner	TRSB8X6-11J 2pcs
Model of Mixing Pump	TRSB8X6-12J
Model of Mixing Hopper	TRSLH150-35 (45KW)
Model of Agitator	TRJBQ7.5
Total Power	184kW
Total Volume	30m ³
Total Volume	12100x2630x4438mm
Total Weight	20000kg

We are an exporter of HDD mud recycling system. Our factory approval the API, Solids Control Equipment have the API certification. TR solids control is the designed, selling, production, service and delivery of Chinese mud solids control system manufacturer. We will provide the high quality drilling solids control equipment and best service. Your best HDD mud recycling system start from TR solids control. TR Solids control is an mud recycling system manufacturer. TR Solids Control a professional manufacture for HDD mud recovery system and exporter for Trenchless mud recovery.

If you need to know more details about the mud recycling system, then you contact us.

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