

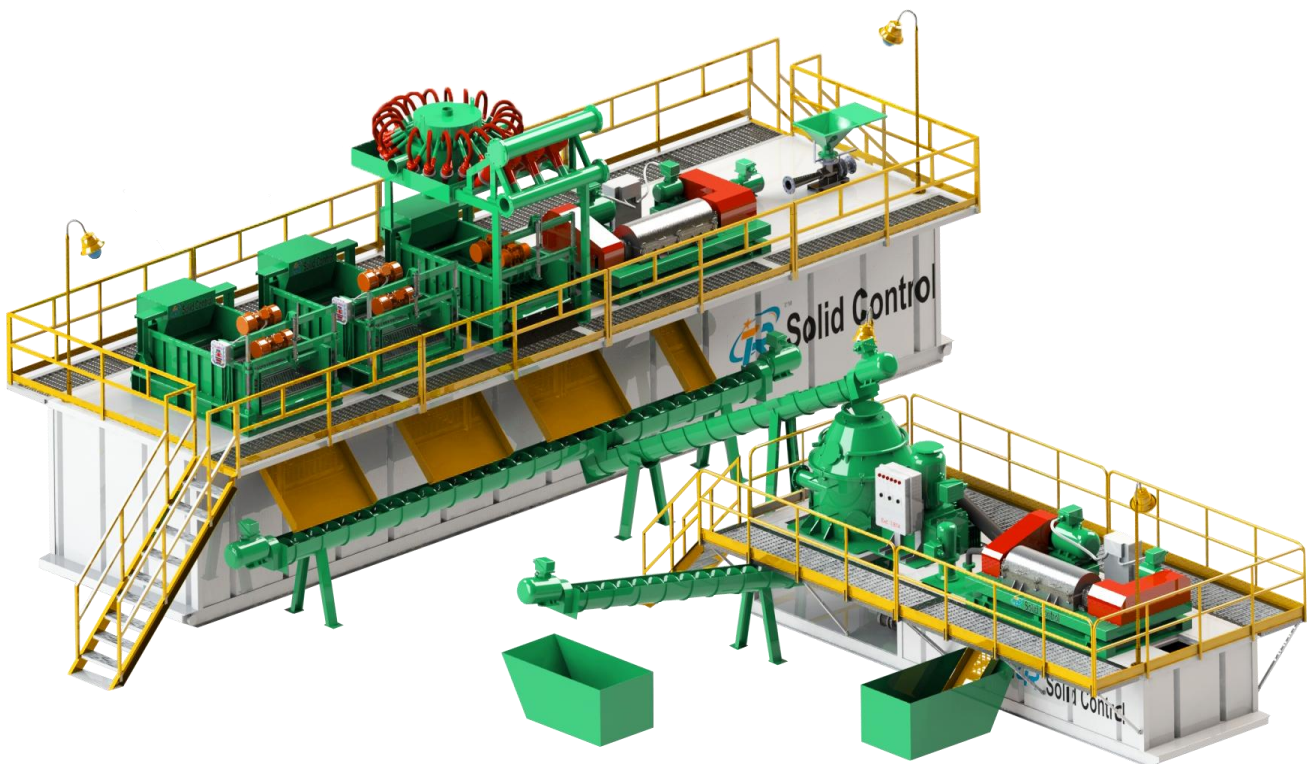
Mud DWM System



Drilling Cuttings Management System

Oil Drilling Solid Control can mention DWM (Drilling Waste Management), it is a highly important part of oil and gas drilling. Solids control is a technique used for well drilling to provide prepared drilling fluids for drilling Rigs. Drilling fluid maintenance cost, clean up, and disposal cost as well as the overall cost of boring can be reduced dramatically when proper solids control techniques are utilized.

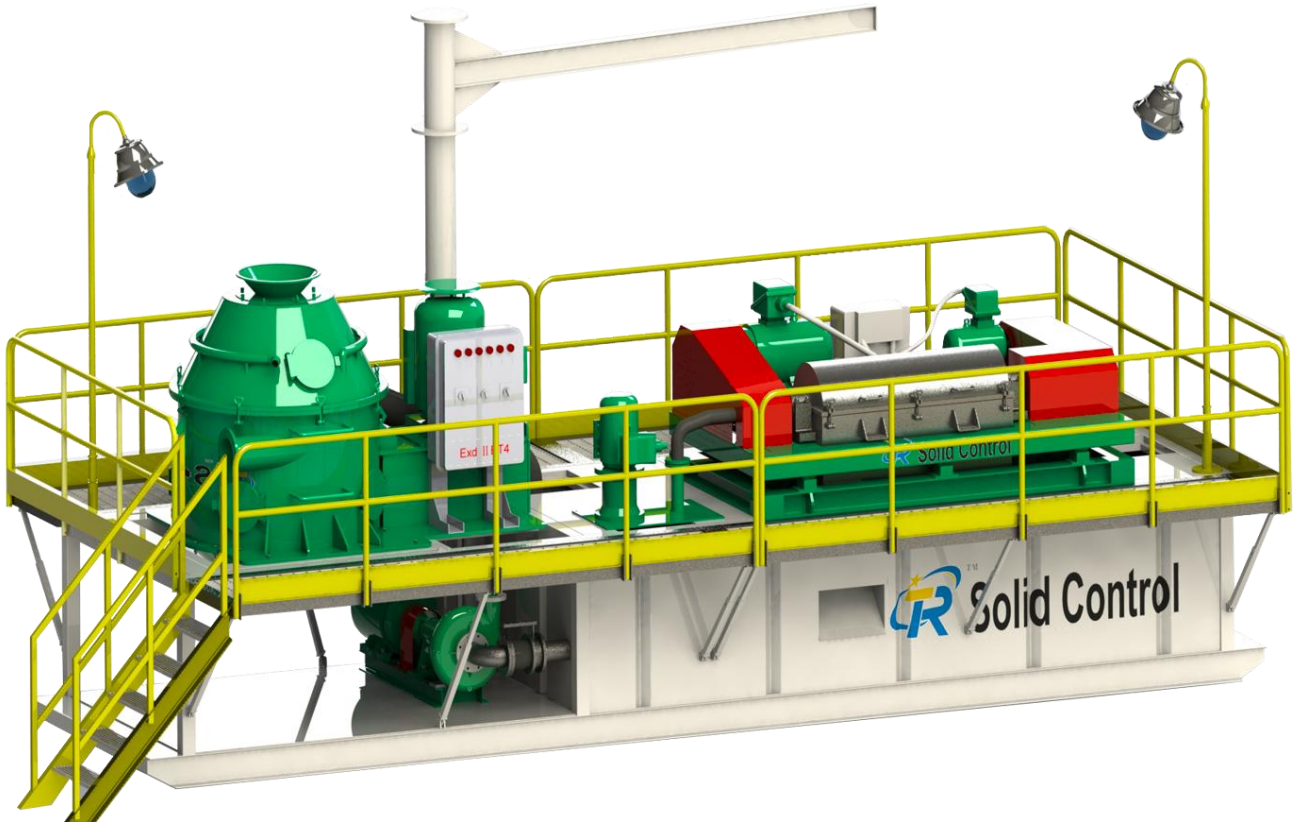
TR drilling cuttings management system is used for taking drilling fluids from the drilling cuttings and clean the fluids for reuse. It is to maximize the recycling of drilling fluids, and minimize the drilling waste in order to save cost for operators. There are two ways to recovery drilling cuttings , but their purpose is the same.



- 1.For oil based drilling cuttings, normally it can reduce the oil on the cuttings to 3% to 5%.
- 2.For water based drilling cuttings, normally it can reduce the moisture content for easy transportation.
- 3.Recycling drilling fluids for reuse to save cost .

Drilling waste management system mainly including cutting dryer(vertical centrifuge),_horizontal decanter centrifuge, transfer pump , etc

S/N	S/N	Description
1	Vertical Cuttings Dryer	TRCD930 with option for VFD or fixed speed
2	Decanter Centrifuge	TRGLW355Centrifuge 14inch bowl,Optional model as below: TRGLW355 Centrifuge with VFD drive. TRGLW355 standard with fixed speed
3	Screw Pump	Two sets TRG30A-075 Screw Pump with capacity:30m ³ /h for each pump. One for taking fluids from catching tank to feed the decanter centrifuge , the other for flushing the Vertical dryer.
4	Skid with catching tank	Fast move skid for mounting all the equipment One Catching tank with capacity:4m ³ for catching fluid from vertical cuttings dryer.
5	Telescopic Skid	Two telescopic skid with walkways and handrails for safe operation. One for mounting the decanter centrifuge to a higher position in order to allow the centrifuge discharged fluids feed to active mud system by gravity. The other telescopic skid for mounting and adjusting the height of the vertical cutting dryer to allow the discharge of drying cuttings
6	Electric Cradle	0.5 Tons electric cradle for lifting the components of vertical dryer
7	Electric Control System	Two lighting system , electrical control boxes and cables and plugs for operation the complete system.



1. Screw conveyor or vacuum transfer pump to feed material to vertical cutting dryer.
 2. Vertical cutting dryer handle the oil based mud to less than 5% OOC(oil on cuttings) , cuttings are discharged, oil are recycled.
 3. Decanter centrifuge recover the useful drilling fluids from the mud.
 4. TR Solid Control is the professional API&ISO certified solids control and drilling waste management system including complete equipments manufacturer in China.
- Welcome customers from all over the world to visit us and cooperate with us!

Drilling Cuttings Dryer Unit

Mainly through the screw conveyor to the solid control equipment processing waste slag transported to the high frequency dryer, through the dryer processing, the solid control equipment in the large particles of drill cuttings separation and separation, (solid water content can be controlled in less than 10%) to the drilling waste while drilling timely collected and transported to the low tank cache and pretreatment.



Liquid Phase Separation Unit

Mainly through the screw conveyor to the solid control equipment processing waste slag transported to the high frequency dryer, through the dryer processing, the solid control equipment in the large particles of drill cuttings separation and separation, (solid water content can be controlled in less than 10%) to the drilling waste while drilling timely collected and transported to the low tank cache and pretreatment.





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