

HORIZONTAL MUD PURIFIER



 **Xi'an, China**

PRODUCT DESCRIPTION

Low energy consumption:

It can reduce energy consumption by about 40%.

The treatment effect is stable:

The rotation of the slurry is not affected by the viscosity of the slurry, the pump pressure, and the blockage of the discharge port, and the treatment effect is very stable.

High separation efficiency:

Due to the large drum, high speed and thin liquid layer, the solid particles in the slurry can be separated under almost identical conditions.

Low equipment procurement cost:

The cost of equipment procurement has been reduced, and the cost is expected to be reduced by about 50%.

It can simplify the solid control system:

It reduces the equipment footprint, increases the relocation speed, and also reduces the total amount of circulating slurry, reducing the cost of mud and waste treatment

PRODUCT DESCRIPTION

TRHMC-200 HORIZONTAL MUD PURIFIER FOR OIL DRILLING – DESANDER & DESILTER SYSTEM



Horizontal Mud Purifier

THE MACHINE WORKS BY USING

Horizontal Mud Purifier is a high-efficiency solid control equipment, mainly used in oil, natural gas, coalbed methane and other drilling operations to finely purify drilling fluid (mud) and remove harmful solid particles such as sand and drilling cuttings.

It adopts the combined design of horizontal cyclone separation + vibrating screen, which has the characteristics of compact structure, large processing capacity and high separation efficiency, and is suitable for drilling platforms or mobile drilling equipment with high space requirements.



Technical Specifications

MODEL	TRHMC-200	TRCDS-200	TRCDS-200B
Bowl Diameter	650 mm	650 mm	650 mm
Bowl Material	304 High Quality Stainless Steel		
Bowl Speed	250-1350 rpm	400-1350 rpm	0-1350 rpm
Maximum Capacity	200 m³/h	200 m³/h	200 m³/h
Main Motor Power	55kw	55kw	55kw
Heater Power	5.5kw	/	/
Cooling Fan Motor	0.75kw	/	/
Noise	≤90dB	≤90dB	≤90dB
Control Method	Hydraulic Speed Regulation	Machinery speed Regulation	Frequency Control
Dimension	2930×1930×1934mm	2330×1456×1800mm	2330×1456×1800mm
Weight	3100kg	2980kg	2980kg



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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