

THE MMF[®] (MAGNETIC MUD FILTER) & MODULAR MMF[®] – DITCH MAGNETS

Patented Solution for safe, easy and quick installation and cleaning

APPLICATIONS

- Efficiently remove magnetic particles and debris from the mud fluid system during drilling operations

FEATURES

- Powerful ditch magnets based on Innovar magnet technology
- Customized version for long term installation on one rig
- Modular version for easy adaption and transportation between rigs
- Available with magnetic rod heights of 28cm, 41cm and 53cm

BENEFITS

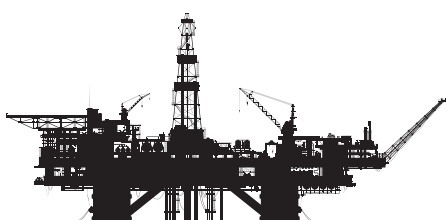
- Safe, easy and quick installation and cleaning of ditch magnets
- Filter bags on magnet elements eliminate the need to remove the system from the flow line
- Improve the HS&E environment by eliminating heavy lifting
- Allow easy collection of mud debris for analyses of metal return in drilling process

Removal of steel particles is important to decrease wear of rig equipment. With its extremely powerful magnets and easy to use filter bags, the Innovar Magnetic Mud Filter is an innovative, leading ditch magnet system popular with the rig crew.

The Innovar MMF[®] is designed to remove any steel particles from the fluid system. A patented exchangeable filter bag system allows the magnets to remain in the ditch, thus avoiding challenging heavy lifts. The filter bag is placed onto a handling frame, and easily pulled on and off the magnet rod. The cleaning procedure is safe, easy and completed in less than one minute.

A replaced, used filter bag contains steel particles and debris which can be analyzed to obtain important information about the drilling process and casing wear.

The Innovar Magnetic Mud Filter (MMF[®]) is also available in a modular version. Multiple sections are combined into various geometries. The modular version can reduce production cost when there is a need to move the ditch magnet system between different rigs, and the ditch geometry varies.



MMF® AND MODULAR MMF® DITCH MAGNETS

Dimensional data		
Model	Modular MMF	MMF
Rod height, mm	280	280, 410 and 530
Module 1, mm	300	
Module 2, mm	450	
Module 3, mm	600	
Material properties		
Body material	316 Stainless	316 Stainless
Magnet size, mm	40x70x280	40x70
Magnet type	Innovar specified	Innovar specified
Operational data		
Filter type part no.	100194	100194
		100303
		100256

