

MRS

Mud Recycling System

System information
& technical aspects

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Mud Recycling System

- Allows for management of water, mud and solids in a single, closed-loop system, avoiding spillage, the construction of ponds and other subpar environmental practices
- Saves water and mud, reducing cost per meter.
- Contributes to the overall reduction of the rig area.
- Optional configuration for different needs.

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Our MRS is a hydraulically actuated system made up of two cylindrical storage tanks with agitators and a preparation tank with a mixer, mounted on a steel platform equipped with four hydraulic jacks with local and remote actuation, which allow it to be positioned on different types of terrain.

It is equipped with a decanter centrifuge, all its tanks are made of stainless steel and it has a system of LED lights for night work or underground mining.

Requires an external source of hydraulic power.

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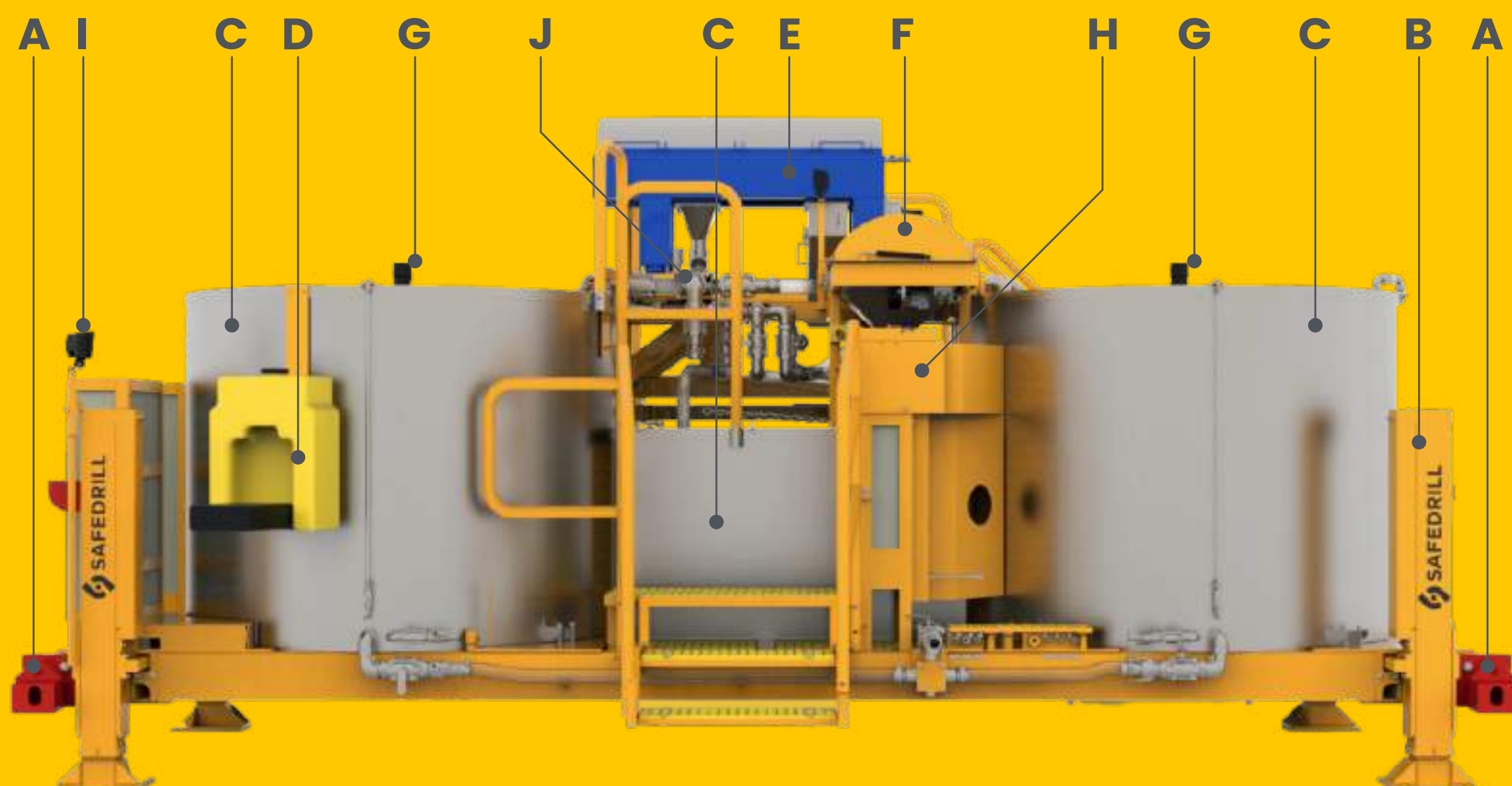
Mud Recycling System

It allows to prepare, store, and recover the drilling mud in diamond drilling operations, saving drilling additives and recovering the water coming from the drilling well, replacing the settling pools that hinder the operation and contaminate the soil by percolation.

A comprehensive solution to the increase in restrictions on environmental matters and the scarcity of water resources.

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Components

- A** Container corner locks
- B** R/C hydraulic jacks
- C** Stainless steel tanks
- D** Eyewasher
- E** Decanter centrifuge
- F** Additive feeding booth
- G** Hydraulic agitators
- H** PVG command
- I** LED lights
- J** Stainless steel piping

Specifications

Length	6.050mm
Width	2.438mm
Height	2.269mm
Weight	5.810kg
Decanter weight	650kg
Decanter Capacity	8" Stainless steel bowl 33-83 LPM
Positioning Control	R/C hydraulic jacks R/C or Manual from PVG.
Mixer Motor	Jet and agitating discs Hydraulic
Tanks Storage capacity	Stainless steel 4.000L (x2) + 1.600L - Total: 9.600L
Electric system	12/24V DC
Hydraulic pressure Flow	2.800 PSI 60-120LPM

This system is designed to prepare and recover mud for diamond drilling operations. Do not use this equipment to process drill mud from triconing, which can cause damage to the centrifugal unit and the rest of its components.



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