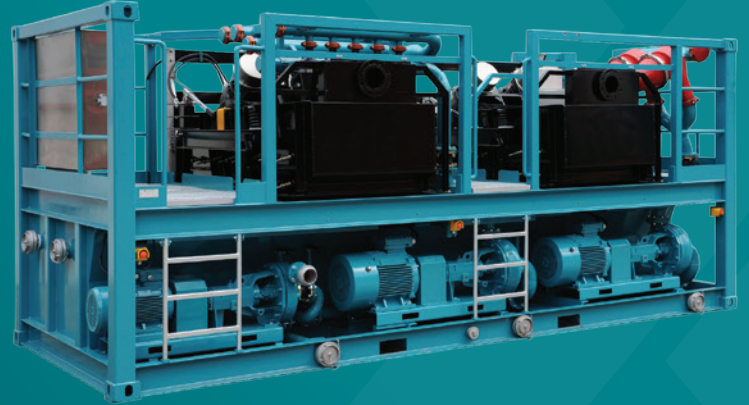


AMC 1500 R RECYCLING UNITTM

German-engineered fluid recycling unit, enhancing fluid efficiency for waterwell and HDD.



The AMC 1500 R Recycling UnitTM is a German-engineered purpose built fluid recycling unit, designed to remove and dispose of drill cuttings in the mud flow cycle of horizontal directional drilling and waterwell drilling applications.

How Does It Work?

Drilling fluids are pumped from the collar of the drill hole to the recycling unit. The fluid is then run through a screen that is attached to the shaker basket. This screen will remove the coarser cuttings. The finer cuttings and fluid are then passed through the desander and desilter cones, which will remove solids down to a particle size of ~50 micron. Solids that are removed from the unit are dry, and are able to be directly off loaded into a bin and disposed of when required.

Unit Capacity

The capacity of the AMC 1500 RTM is dependent on the solid content and viscosity of the drilling fluid, as well as the screen size used to process the fluids. The AMC 1500 RTM is capable of achieving up to 1500L / min (~390gpm) with 20% solids content and a run out time of approximately 60 seconds. With lower solids content and viscosities, up to 1800L / min (~470gpm) can be achieved.

Key Benefits

- Significantly reduces water consumption and mud costs
- Enhances efficiency of drilling fluids, lowering consumption and costs
- Designed with all the latest safety requirements and highest industry standard specifications
- Complete screen selection to deal with all types of ground formations
- Improves overall drilling performance.

TECHNICAL SPECIFICATIONS

WEIGHTS AND DIMENSIONS

| SPECIFICATION | SIZE |
|---------------|--|
| Total Size | 6,096mm (20ft) – Standard container size |
| Length | 6,058mm (19.9ft) |
| Width | 2,434mm (8ft) |
| Height | 2,590mm (8.5ft) |
| Weight | 8,740kg (19,268lbs) |
| Volume | 8m ³ (106ft ³) |

UNIT SPECIFICATIONS

| ITEM | DESCRIPTION |
|-------------------------|--|
| Shaker Tank (L x W x H) | 6,058mm x 2,434mm x 1,100mm (19.9ft x 8ft x 3.6ft) |
| Shaker (Desilter) | MD-823-DD (Double Deck) |
| Shaker (Desander) | MD-823-DD (Double Deck) |
| Desilter | 14 x 4" Cones |
| Desander | 2 x 10" Cones |
| Transfer pump | 76mm x 51mm x 330mm (3" x 2" x 13") |
| Desilter pump | 127mm x 102mm x 356mm (5" x 4" x 14") |
| Desander pump | 127mm x 102mm x 356mm (5" x 4" x 14") |
| Transfer motor | 15kW |
| Desilter motor | 37kW |
| Desander motor | 37kW |
| Generator required | 150kVA |

Manufactured under a quality system certified as complying with ISO 9001 by an accredited certification body. Results may vary due to fluid properties and solids contents, please consult your nearest AMC technical specialist to achieve optimum performance.

Further Information

For more information please go to our website www.amcmud.com or contact your nearest AMC office.

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