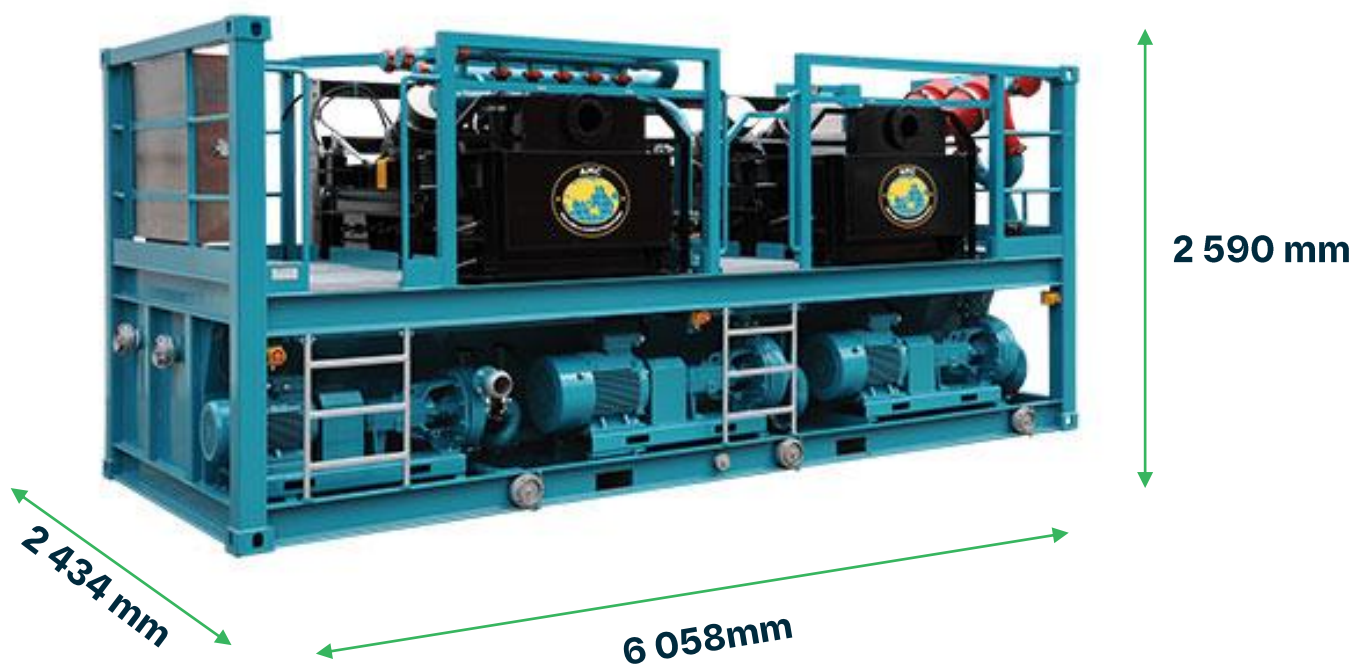


AMC 1500 R RECYCLING UNIT™

IMDEX™



2 590 mm

2 434 mm

6 058 mm



8 740 Kg

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AMC 1500 R RECYCLING UNIT™



Description

The AMC 1500 R Recycling Unit™ 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.

Application

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.

Solids Removal Capacity

The capacity of the AMC 1500 R 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 R 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.

Advantages

- 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 information
- Improves overall drilling performance

Dimensions

Length	6,058mm (19.9ft)
Width	2,434mm (8ft)
Height	2,590mm (8.5ft)
Weight	8,740kg (19,268lbs)
Tank Volume	8m3 (106ft3)

Specifications

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 330mm
Desilter pump	127mm x 102mm x 356mm
Desander pump	127mm x 102mm x 356mm
Transfer motor	15kW
Desilter motor	37kW
Desander motor	37kW
Generator requirements	150kVA

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