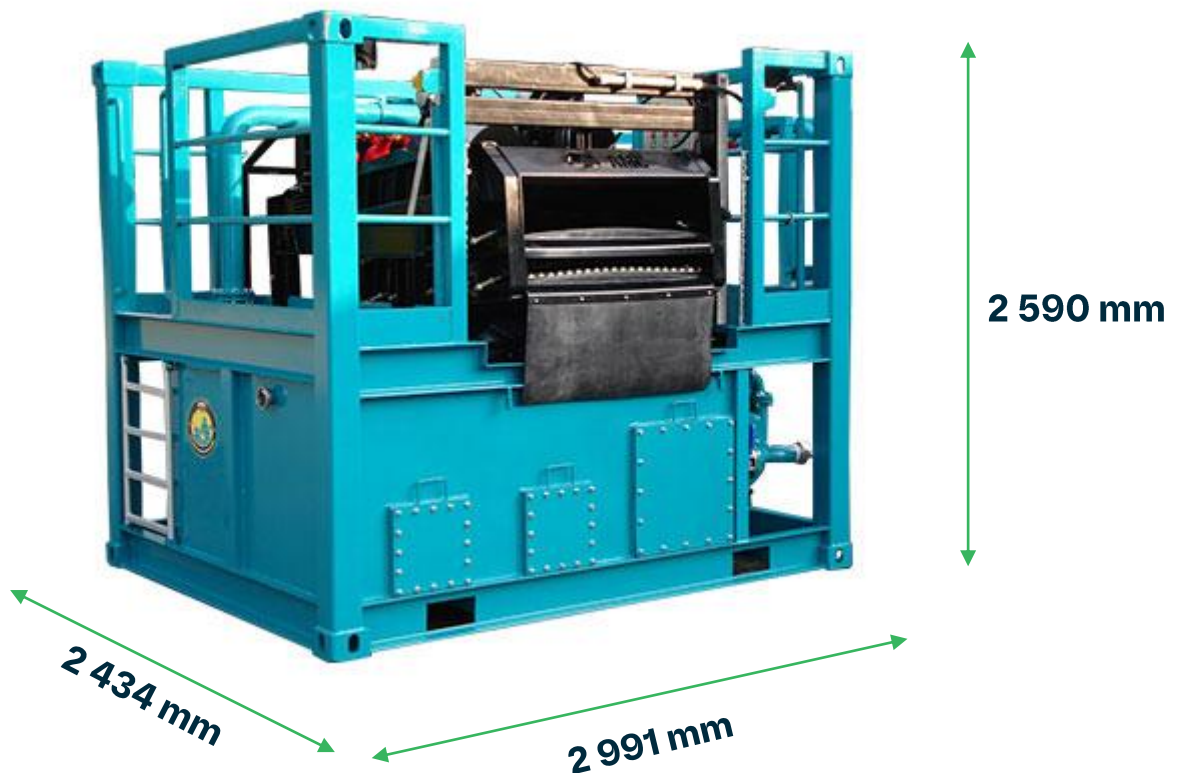


AMC 500 R™

IMDEX™



5 5000 Kg

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AMC 500 R™



Description

The AMC 500 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 the horizontal directional drilling and waterwell drilling industries.

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 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 unit depends on the solid content and the viscosities of the drilling fluid as well as the screen size used to process the fluids. With 20% solids content and a run out time of approximately 60 seconds up to 800L / min (210gpm) can be achieved.

Advantages

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

Dimensions

| | |
|-------------|-------------------|
| Length | 2 991mm |
| Width | 2 434 mm |
| Height | 2 590 mm |
| Weight | 5 500kg |
| Tank Volume | 3.5m ³ |

Specifications

| | |
|--------------------|----------------------------------|
| Shaker | MD-823-DD (Double deck, 3 panel) |
| Shaker tank | 2 991mm x 2 438mm x 2 591mm |
| Desilter | 5 x 4" Cones |
| Desilter pump | 102mm x 76mm x 330mm |
| Transfer pump | 102mm x 76mm x 292mm |
| Desilter motor | 15kW |
| Transfer motor | 7.5kW |
| Generator required | 40kVA minimum |

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