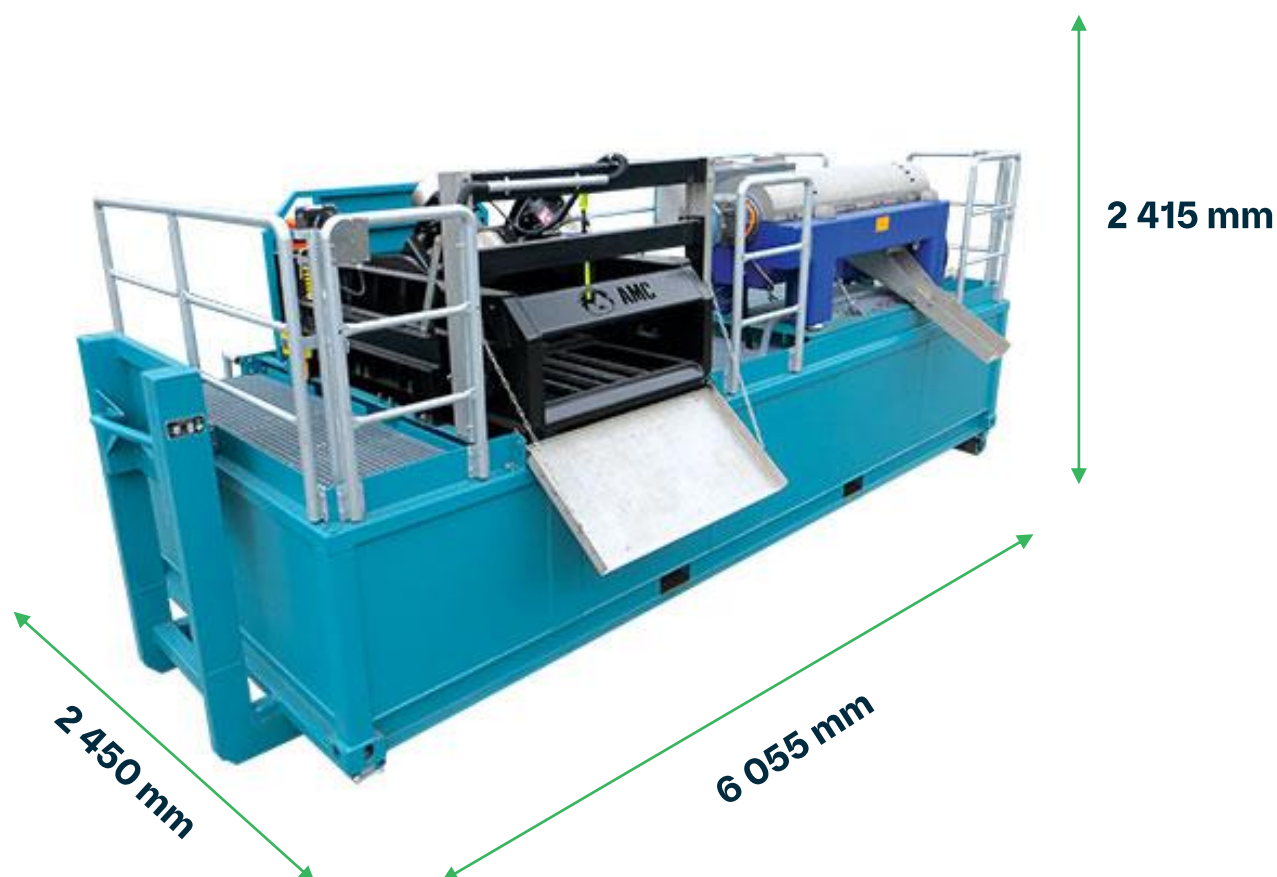


AMC 1000 SC™

IMDEX™



KG
5 500 Kg

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AMC 1000 SC™



Description

The AMC 1000 SC™ provides an innovative alternative to fluid sumps, offering solids control to optimise drilling fluid and drilling efficiency. The unit processes solids up to 260gpm / 1000Lpm, and incorporates high flow shakers suitable for HDD, mud rotary, diamond drilling and chip-core operations (up to 12 ¼" diameter for top hole drilling).

Application

The three panel shaker provides pre-screening of the high volume mud flows before the fluids are pumped to the centrifuge. The unit's high-speed Alfa Laval CDNX 200 decanting centrifuge operates with a g-force up to 3000g to remove solids to less than 5 microns and keep drilling fluid in excellent rheological condition.

By maintaining clean, non-abrasive mud, the AMC 1000 SC is able to reduce mud and water consumption, the occurrence of stuck pipe, wear-and-tear on drilling components, overall downtime, and allow personnel to focus on the drilling operations, rather than monitoring and mixing mud.

Recommended Treatment

Drilling fluid is circulated directly from the drill collar to the solids control unit shaker and centrifuge, where drill solids are removed. Cleaned drilling fluids are then returned to the drill rig for reuse. The highly mobile unit also incorporates a mixing chamber and weir system, which enables drilling fluids to be added accurately and efficiently.

Advantages

- Removes low gravity solids for greater drilling efficiency
- Reduces water, mud, cartage and mud disposal costs
- Eliminates the cost of diggings sumps
- Reduces site footprint, site re-mediation and environmental management costs
- Reduces wear and tear on drill components
- Improves on-site health and safety, reducing slips and hazards due to mess, mud and water
- Easy to transport "single unit" equipment package

Dimensions

Length	6 050 mm
Width	2 050 mm
Height	2 415mm
Weight	5 500 kg
Tank Volume	11.5 m ³

Specifications

Centrifuge	Alfa laval lynx 200. 280mm bowl diameter / 980mm length
Centrifuge feed volume	30 -250L / min
Transfer motor	7.5kW
Feed pump	Seepex BN17-6L
Transfer pump	Submersible pump Xylem 1.7kW
Process flows	Up to 260gp / 1000Lpm
Screen	Pre-tensioned metal frame 1 067mm x 737mm
Solids volume	Max: ca 25kg / min (light mud)
Shale Shaker	Three panel linear-motion type AMC 813_3p
Power supply	400V 50Hz 36kW 45kVA
Centrifuge	Alfa laval lynx 200. 280mm bowl diameter / 980mm length

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