

AMC 500 R RECYCLING UNITTM

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



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

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 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 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.

Key Benefits

- 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.

TECHNICAL SPECIFICATIONS

WEIGHTS AND DIMENSIONS

SPECIFICATION	SIZE
Total Size	3,048mm (10ft) Standard container size
Length	2,991mm (9.8ft)
Width	2,434mm (8ft)
Height	2,590mm (8.5ft)
Weight	5,500kg (12,125lbs)
Volume	3.5m ³ (126ft ³)

UNIT SPECIFICATIONS

ITEM	DESCRIPTION
Shaker Tank (L x W x H)	2,991mm x 2,438mm x 2,591mm (9.8ft x 8ft x 8.5ft)
Shaker	MD-823-DD (Double Deck, 3 Panel)
Desilter	5 x 4" Cones
Desilter pump	102mm x 76mm x 330mm (4" x 3" x 13")
Transfer pump	102mm x 76mm x 292mm 4" x 3" x 11 ½"
Desilter motor	15kW
Transfer motor	7.5kW
Generator required	40kVA minimum



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.

ASIA PACIFIC

Perth, Australia (Head Office)

T +61 8 9445 4000

E amc@imdexlimited.com

Indonesia

T +62 (0) 21 759 11244

AFRICA

South Africa

T +27 (11) 908 5595

EUROPE

Germany

T +49 4402 6950-0

United Kingdom

T +44 (0) 1273 405 975

SOUTH AMERICA

Argentina

T +54 (9) 261 426 1116

Brazil

T +55 (47) 3404 5920

Chile

T +56 (2) 2589 9300

Peru

T +51 (1) 322 8850

NORTH AMERICA

USA / Canada

T +801-364-0233

Mexico

T +52 (871) 169 2095