



SOLID REMOVAL UNIT AMC-SRU MODULAR - CENTRIFUGE -

Technical Description

Series: Solids control
Type: AMC-SRU Modular Centrifuge

Parts	Type
Centrifuge	Alfa Laval CDNX 200
Suport Pump	Seepex BN17 - 6LS
Transfer Pump	submersible Xylem 3045.181 / 2,2 kw
Feed Volume	8-16 cbm/h
Tank Volume	1 x 4,5 cbm
Clean Rate	up to 250 lit/min
Power supply	400V 50 Hz 18 kw (25KVA)

Total size centrifuge module

Length	2750 mm
Width	2450 mm
Height	1750 mm
Weight	2800 kg

Construction Details

A revolutionary solids control solution and the way of an independant disposal management

AMC's unique Solids Removal Unit (SRU) provides a highly innovative alternative to traditional drilling sumps and is being described as the way of the future by drilling contractors and resource companies world wide. The closed-loop fluid system significantly reduces the environmental impact and greatly improves the efficiency of drilling operations.

How does it work?

Drilling fluid is circulated directly from the drill collar to the SRU's shaker or centrifuge feed tube, where drill solids are removed via the centrifuge. Cleaned drilling fluids are then returned to the drill hole. The highly mobile unit also incorporates a mixing chamber and weir system, which enables drilling fluids to be added accurately and efficiently.

AMC has revolutionized conventional solids removal techniques by utilising a 9" bowl decanting centrifuge, the smallest unit available of this type in the world, and adapting it for diamond drilling applications.



"Manufactured under a quality system certified as complying with ISO 9001 by an accredited certification body".

Several factors will dictate the most appropriate concentration rate. Please contact your nearest AMC representative for optimum results.